



Land Adjacent Halden's Parkway, Thrapston

Ground Investigation Report - Geo-
environmental Interpretation

For Equites Newlands (Thrapston East) Limited

Date: 29 April 2022

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Issued by	Hydrock Consultants Limited Hawthorn Park Holdenby Road Spratton Northampton NN6 8LD United Kingdom	T +44 (0)1604 842888 F +44 (0)1604 842666 E northampton@hydrock.com www.hydrock.com
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Prepared by		Nathan Thompson BSc (Hons) FGS
Checked by		Claire Daly BSc (Hons) CGeol FGS and Chris Vincett BSc MSc CGeol CSci FGS (P6 only)
Approved by		Allan Bell BSc MSc SQP SiLC EurGeol RoGEP CGeol FGS

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Executive Summary

<i>SITE INFORMATION AND SETTING</i>	
Objectives	<p>The works have been commissioned to support the planning application and to ultimately assist with design of the development.</p> <p>The objective of this report is to identify geo-environmental risks and outline mitigation requirements to minimise geo-environmental risks in the development.</p>
Client	Equites Newlands (Thrapston East) Limited
Site name and location	Land Adjacent Haldens Parkway, Thrapston. The site is located north of the A14 on the eastern edge of Thrapston, Northamptonshire at approximate National Grid Reference 501800E, 278350N.
Proposed development	<p>Hydrock understands that the proposed development is to comprise a Hybrid planning application for:</p> <ul style="list-style-type: none"> • Outline permission sought for storage and distribution (Use Class B8) and ancillary office space. The development incorporates the erection of up to 200,000 sq.m (Gross Internal Area including potential mezzanines) storage and distribution (Use Class B8) space, ancillary parking, highways infrastructure engineering works & landscaping. Full permission for a building measuring 49,704sq.m to include B8 storage and ancillary office space, parking, servicing & landscaping, substation/transformer compound & foul pumping station to meet the needs of a specific occupier (referred to as Plot 1). <p>In addition to the above, the Proposed Development includes:</p> <ul style="list-style-type: none"> • Demolition of all existing buildings and structures to enable the development of the site. • Earthworks to create a development plateau across the site, and to form landscaped bunding, focused around the northern, eastern, western edges of the site. • Provision for new drainage features as part of a site-wide sustainable drainage strategy. • Provision of on-site landscaping and new habitat creation, including on the bunding, to deliver new and retained existing green infrastructure which supports biodiversity, and to help filter views of the site from the surrounding area. • Highways improvements to deliver the site access from Huntingdon Road, including upgrade works at the A14 junction 13, and the junction with the A605 to the west of the site and traffic calming measures along Islington. • Diversion of the existing access track to the retained farm buildings to the south of the site adjacent to the A14. <p>Based on provided cut to fill models it is anticipated a large cut to fill operations to create a development platform will be undertaken across the site with up to 11m of cut in the south-west and up to 8m of fill in the north to create a development platform at 53.72m OD.</p> <p>Surrounding landscape bunds of up to 10.50m above the development platform in the north and 7.50m above the development platform in the east are proposed at slope angles of a maximum 1/3 gradient with cut slopes at 1/3.5 gradient in the south and west.</p>
Site description	<p>The site has a total area of 74.83 ha (184.90 acres), and generally comprises open agricultural land boarded by hedgerows and sporadic trees with Castle Manor farm present in the central east of the site and grassed covered field in the south-east quarter of the site and adjacent to the farm yard.</p> <p>The site is roughly rectangular in shape, measuring approximately, 1.0km west to east and 615m north to south with an irregular shaped area present in the north-west, extending from the approximate centre of the northern boundary to the north-west corner.</p> <p>The site generally slopes down from the south-west corner (68m OD) towards the north-east and from the north-west (65mOD) towards the east reaching a low point of 44mOD in the north of the site. The site also slopes from the south-east (53.5mOD) towards the north and from the north-east corner (50m OD) towards the west, to this lowest point in the north-east central area (44mOD) in the</p>

	<p>north. This forms a valley feature splitting into two arms (although still sloping at a slightly reduced gradient) one in the north-east with an arm extending towards the south-west and south.</p> <p>A pond is present in the central east, adjacent to Castle manor Farm.</p> <p>Surface water ditches are present in the centre of the site flowing to the central north. Another surface water ditch is present on the northern boundary. All surface water drainage then flows to the northeast to join Thorpe Brook and ultimately joins the River Nene 3km to the north at approximately 20m lower than the lowest point on site.</p> <p>A overhead high voltage cable on wooden poles is present along the southern boundary before crossing the south-west corner of the site and following the western boundary.</p>
BACKGROUND	
Desk study summary	No Desk Study data are presented in this report. Reference should be made to Hydrock Report 18443-HYD-XX-XX-RP-GE-1002 for further information. This report contains summaries of the desk study data where necessary.
Ground and groundwater conditions	No Ground Investigation data are presented in this report, and whilst a brief summary is presented, reference should be made to Hydrock Report 18443-HYD-XX-XX-GE-RP-1003 for further information.
Geotechnical Interpretation	No geotechnical interpretation is presented in this report, and reference should be made to Hydrock Report 18443-HYD-XX-XX-GE-RP-1004 for geotechnical interpretation.
GEO-ENVIRONMENTAL CONCLUSIONS	
Conclusions of contamination Generic risk assessment	<p>Human health:</p> <ul style="list-style-type: none"> Laboratory results recorded the majority of chemicals of potential concern (CoPC) at concentrations below the relevant GACs for a commercial land use. Risk assessment and risk evaluation indicates low risk. Potential for asbestos fibres and Asbestos Containing Material) within the soils and within the farm buildings. <p>Plant growth:</p> <ul style="list-style-type: none"> Low risk. <p>Controlled Waters:</p> <ul style="list-style-type: none"> Exceedances of a number of CoPC for the relevant water quality target (WQT) values were recorded in groundwater samples specifically within boreholes installed within the Landfill – Made Ground. However, boreholes installed downgradient and below the landfill record rapidly decreasing CoPC concentrations and within the Blisworth Limestone (further down gradient), there is an absence of exceedances (other than assessed as naturally occurring). Surface waters do not appear to have been impacted by CoPC above background concentrations and there are no active licensed surface water discharge consents or abstractions within 1km of the site. Based on the above and absence of groundwater abstractions, Hydrock consider the risk to Controlled Waters to be low, subject to regulatory approval. <p>Ground Gases and Vapour</p> <ul style="list-style-type: none"> Low to moderate risk from ground gases (CS2) for the majority of the site. Moderate risk from ground gases (CS3, as a conservative assessment)) for the Landfill – Made Ground in the south-west (if constructed over in its current position, with no recovery). Following earthworks and materials management / recovery of the Made Ground to form the landscaping bund, or as part of the development plots at depth, supplementary investigation and assessment will be required with regard to ground gases. However, at this stage, an allowance for CS2 protection should be allowed. <p>Radon:</p> <ul style="list-style-type: none"> The site is not in a Radon Affected Area. <p>Water supply pipes:</p>

	<ul style="list-style-type: none"> Following earthworks and materials management / recovery of the Made Ground, standard pipework is envisaged for potable water pipes. However, confirmation should be sought from the water supply company at the earliest opportunity. If Made Ground is not managed / recovered to landscape areas, or be placed at depth, Protectaline pipework (or 'dual status') may be required, depending upon the depth of placement. <p>Plastic pipes:</p> <ul style="list-style-type: none"> Following earthworks and materials management of the Made Ground to landscape areas, or at depth below the plateau, PVC-U, PP or PE pipework is considered suitable. If Made Ground is not managed / recovered to landscape areas away from the development plateau, dependent upon the depth of placement, upgraded pipework may be required.
Proposed mitigation measures	<p>The mitigation measures proposed to remove unacceptable risks include:</p> <p>Demolition Phase</p> <ul style="list-style-type: none"> The undertaking of a demolition asbestos survey for the Castle Manor Farm, other buildings in the west of the site, and the surrounding fields. Site clearance / removal and any surface rubbish. Removal of asbestos by specialist Contractors in accordance with the asbestos survey and relevant legislation. Removal of ASTs and associated pipework. Demolition of site buildings and ancillary structures to slab level. Processing the demolition arisings to a suitable specification in accordance with the WRAP 'Quality Protocol: Aggregates from inert waste'. <p>Enablement Phase</p> <ul style="list-style-type: none"> Removal of below ground tanks, existing drainage system and associated pipework. Examination of soils below and around all potential point sources (tanks, drums, pipes, drains and areas of staining). Excavation, segregation and treatment (or recovery), of Made Ground soils containing man made constituents) in accordance with an appropriate permit for re-use of soils within the landscaping bund, or as part of the development plots at depth. Excavation of Made Ground and natural soils as required to allow construction with appropriate materials management, recovery and processing of excavated soils using a combination of excavation and stockpiling and screening of soils, with placement to an Earthworks Specification, to leave the site at the formation level. A site watching brief during excavation of soils for ACM (specifically within the area of Castle Manor Farm, other buildings in the west of the site, farm tracks, the 'Old Stone Pits' and the historical landfill. Off-site disposal of unsuitable or excess material. Verification during enablement works (including confirmation that excavations in the south-west have encountered natural soils). <p>Construction Phase</p> <ul style="list-style-type: none"> Appropriate materials handling and stockpiling in accordance with a Construction Stage MMP. Installation of barrier pipe (if services are founded within Made Ground soils). Installation of ground gas mitigation measures as required following re-assessment post earthworks (allow CS2 conditions at the current time). <p>The methodology for the remediation should be presented in a Remediation Strategy, which will need to be submitted to the warranty provider and the regulatory authorities for approval. Verification reports by a competent independent geo-environmental specialist will be required following completion of any remedial works.</p>
Waste management	<p>Whilst it is anticipated that very little excavated soil will be disposed of as waste, if waste disposal is required, the excavated soils are likely to be classified as follows:</p>

- The natural uncontaminated subsoils are classified as non-hazardous and likely able to be disposed of at an inert landfill.
- The 'General' Made Ground is likely to be classified as non-hazardous waste but locally recorded as hazardous in HP124 at 0.50m bgl on account of a TPH level at 2481mg/kg.
- The 'Landfill Type' Made Ground present in the south-west of the site is likely to be classified as a mixture of inert and non-hazardous, but is locally recorded as hazardous in TP103 at 2.20m bgl on account of a TPH level at 1,500mg/kg.
- Any soils containing > 0.1% asbestos or visible asbestos containing materials would be considered as hazardous.

The regulatory regime for waste and materials management will need to be agreed with the regulators. However, at this stage, it is envisaged the works would be managed by the following processes:

- Recovery, treatment and re-use of licensed waste materials via a Waste Recovery Plan and a Deposit for Recovery permit;
- Recovery, treatment, and re-use of other contaminated materials via deployment of a Mobile Treatment Permit;
- Excavation and re-use of clean, naturally occurring materials under a Materials Management Plan prepared in accordance with the Definition of Waste Code of Practice.

For details with regards the requirements to be undertaken during this process the Waste Recovery Plan should be consulted, no details related to waste recovery are provided in this report.

FUTURE CONSIDERATIONS

Further work

- Site investigation and design with regard to off-site roads.
- Geotechnical assessment and design of: earthworks, slope stability, retaining, ground improvement, foundations, floor slabs and concrete design, etc.
- Specification of the geotechnical works to allow construction of the development platforms including cuttings, embankments, slopes, retaining walls and other elements.
- Writing of a Remediation Strategy and Verification Plan.
- Writing of a Regulatory Framework for Materials Management (RFMM) document and agreement with regulatory authorities.
- Writing of a Waste Recovery Plan and agreement with regulatory authorities.
- Writing of a Materials Management Plan, with a QP declaration.
- Watching brief audits by an independent, competent person during the remediation and earthworks.
- Validation of the works by the Contractor.
- Verification of the earthworks and remediation/materials management by suitably qualified, independent, competent persons.

This Executive Summary forms part of Hydrock Consultants Limited report number 18443-HYD-XX-XX-RP-GE-1005 and should not be used as a separate document.

1. INTRODUCTION

1.1 Terms of reference

In June 2021, Hydrock Consultants Limited (Hydrock) was commissioned by Equites Newlands (Thrapston East) Limited (the Client) to undertake Phase 2 preliminary ground investigation and in September 2021, for a further detailed ground investigation at Huntingdon Road, Thrapston.

The site is located to the north of the A14 on the eastern edges of Thrapston, Northamptonshire, with the National Grid Reference of the approximate centre of the site is 501800E, 278350N.

The site is approximately 74.83 ha (184.90 acres) in area and currently comprises open agricultural land with hedge and tree lined fields, with Castle Manor Farm and associated buildings and hardstanding, present in the central east of the site. An historical sand and gravel quarry and closed landfill are present in the south-west of the site.

The works have been undertaken in accordance with Hydrock's proposal referenced (18443-HYD-XX-ZZ-FP-GE-001-P4 dated 23rd February 2021 – Preliminary Investigation & 18843-HYD-XX-ZZ-FP-GE-0002-P1 dated 24th August 2021) and the Client's instructions to proceed (email from Peter Goddard to Allan Bell dated 30th April 2021 – Preliminary and September 24th - Detailed).

1.2 Proposed Development

Hydrock understands that the proposed development is to comprise a Hybrid planning application:

- Outline permission sought for storage and distribution (Use Class B8) and ancillary office space. The development incorporates the erection of up to 200,000 sq.m (Gross Internal Area including potential mezzanines) storage and distribution (Use Class B8) space.
- Full permission sought for a building measuring 49,704 sq.m to include B8 storage and ancillary office space to meet the needs of a specific occupier (referred to as Plot 1).

In addition to the above, the Proposed Development includes:

- Demolition of all existing buildings and structures to enable the development of the site.
- Earthworks to create a development plateau across the site, and to form landscaped bunding, focused around the northern, eastern, western edges of the site.
- Provision for new drainage features as part of a site-wide sustainable drainage strategy.
- Provision of on-site landscaping and new habitat creation, including on the bunding, to deliver new and retained existing green infrastructure which supports biodiversity, and to help screen the site from outside view.
- Highways improvements to deliver the site access from Huntingdon Road, including upgrade works at the A14 junction 13, and the junction with the A605 to the west of the site and traffic calming measures along Islington.
- Diversion of the existing access track to the retained farm buildings to the south of the site adjacent to the A14.

An Indicative Masterplan (pHp Architects Drawing HRT-pHp-01-XX-DR-A-4432-012-P18), is presented in Appendix A and indicates approximately 186,177 sq.m (2,004,000 sq. ft.) of warehouses floor space, with a total of 197,790 sq.m (2,129,000 sq. ft.) of development.

Based on provided cut to fill models it is anticipated a large cut to fill operation to create a development platform will be undertaken across the site with up to 11m of cut in the south-west and up to 8m of fill in the north to create a development platform at 53.72m OD.

Surrounding landscape bunds of up to 10.50m above the development platform in the north and 7.50m above the development platform in the east are proposed at slope angles of a maximum 1:3 gradient with cut slopes at 1:3.5 gradient in the south and west.

1.3 Objectives

The works have been commissioned to support the planning application and to assist with the design of the development.

The Phase 1 Desk Study is provided in Hydrock Report 18443-HYD-XX-XX-RP-GE-1002 and should be referred to for further information. No Desk Study data is presented in this report.

The factual data from the intrusive investigation fieldwork, including laboratory testing, sampling, monitoring and the ground model interpretation, based on exploratory works, is provided in Hydrock Report 18443-HYD-XX-XX-RP-GE-1003 and should be referred to for further information. No factual data is presented in this report.

Geotechnical interpretation and recommendations are provided in Hydrock Report 18443-HYD-XX-XX-GE-RP-1004. No geotechnical interpretation is presented in this report.

This report (Hydrock Report 18443-HYD-XX-XX-GE-RP-1005) forms the geo-environmental assessment part of the Phase 2 Ground Investigation reporting for the site. The objectives of this report are:

- to resolve uncertainties identified in the Phase 1 Desk Study by refining and updating the preliminary Ground Model, determining geo-environmental site conditions and identifying key contamination risks by updating and finalising the Conceptual Site Model (CSM) in accordance with the principles of land contamination risk management (LCRM) guidance (2021); and
- to identify geo-environmental mitigation requirements to minimise contamination risks in the development.

1.4 Scope

The scope of this report comprises:

- a summary of the background data;
- a summary of the ground conditions encountered by the investigation, and the ground model;
- formulation of an updated CSM, including identification of plausible pollution linkages;
- completion of a generic quantitative risk assessment (GQRA) of potential contaminants to establish 'suitability for use' under the current planning regime;
- discussion of potential environmental liabilities associated with land contamination (soil, water and gas); and
- identification of outline mitigation requirements to ensure the site is 'suitable for use'.

1.5 Available information

A list of available information is provided in the desk study report (Hydrock Report 18443-HYD-XX-XX-RP-GE-1002).

1.6 Guidance

This report, along with the Phase 1 Desk Study (Hydrock Report 18443-HYD-XX-XX-GE-RP-1002), the Factual Report and Ground Model (Hydrock Report 18443-HYD-XX-XX-GE-RP-1003) and the Geotechnical Interpretative Report (Hydrock Report 18443-HYD-XX-XX-GE-RP-1004) constitutes a Ground Investigation Report (GIR) as described in Part 2 of Eurocode 7 (BS EN 1997-2) (EC7).

The investigation work (as reported in Hydrock Report 18443-HYD-XX-XX-GE-RP-1003) has been carried out in general compliance with recognised best practice, including (but not limited to) BS 5930:2015, BS 10175:2011+A2:2017 and the AGS (2006) 'Good Practice Guidelines for Site Investigations'.

The geo-environmental assessment (this report) is written in broad accordance with BS 10175:2011+A2:2017, 'Land Contamination: Risk Management' (LCRM, 2021) and the AGS (2006) 'Good Practice Guidelines for Site Investigations'.

The methods used follow a risk-based approach, the first stage of which is a Phase 1 desk study and field reconnaissance (Hydrock Report 18443-HYD-XX-XX-GE-RP-1002), with the potential geo-environmental risk assessed qualitatively using the 'source-pathway-receptor contaminant linkage' concept to assess risk as introduced in the Environmental Protection Act 1990 (EPA, 1990). Potential geotechnical risks are also assessed.

Phase 2 comprises intrusive ground investigation work and testing. The factual information from Phase 1 and Phase 2 (Hydrock Report 18443-HYD-XX-XX-GE-RP-1003), are used to develop the Conceptual Site Model (CSM). This CSM is based on a ground model of the site physical conditions and an exposure model of the possible contaminant linkages. The CSM forms the basis for Generic Quantitative Risk Assessment (GQRA) in accordance with current guidelines. This GQRA might lead to more Detailed Quantitative Risk Assessment (DQRA).

Professional judgement is then used to evaluate the findings of the risk assessments and to provide recommendations for the development.

The geo-environmental (this report) and geotechnical (Hydrock Report 18443-HYD-XX-XX-GE-RP-1004) aspects are discussed in separate reports. Throughout the report the term 'geotechnical' is used to describe aspects relating to the physical nature of the site (such as foundation requirements) and the term 'geo-environmental' is used to describe aspects relating to ground-related environmental issues (such as potential contamination). However, it should be appreciated that this is an integrated investigation and these two main aspects are inter-related. Designers should take all aspects of the investigation into account.

Remaining uncertainties and recommendations for further work are listed in Section 5 and Section 6.

2. BACKGROUND INFORMATION AND GROUND MODEL

Reference should be made to Hydrock Report 18443-HYD-XX-XX-RP-GE-1002 for details of the Phase 1 Desk Study. A summary of the site setting is provided below.

2.1 Site Location

The site is located to the north of the A14 on the eastern edges of Thrapston, Northamptonshire. The National Grid Reference of the approximate centre of the site is 501800E, 278350N. A nearby postcode for the site is NN14 4QT.

2.2 Site Use

For the purposes of this description the present land use has been subdivided into six areas as shown on Figure 2.1 with land use indicate below at the time of the site reconnaissance:

- Field 1 – Overgrown/dis-used field in the south-west.
- Field 2 – Cropped field in the north-east.
- Field 3 – Cropped field in the north.
- Field 4 – Cropped field in the north-west.
- Field 5 – Cropped field in the south and centre.
- Area 6 – Castle Manor Farm and surrounding area.

Currently, the site comprises predominantly arable land subdivided into 4 fields (Fields 2 to 5) with Castle Manor Farm (Area 6) located in the central east of the site. An additional field (Field 1) in the south-west of the site is overgrown and associated with a former sand and gravel pit and subsequent inert landfill. This has an uneven surface and above ground borehole covers were noted within this field. A bungalow and laydown area are present in the west of Field 1.

Castle Manor Farm, encompasses an area of approximately 660m² and comprises: a residential property (Oak Cottage) in the west; two farm buildings (barns) and concrete laydown yard in the centre; an additional brick building; and a small pond. Around the farm the soft landscaping is grassed with two areas of overgrown land in the east. There is a former chicken shed with suspected asbestos sheet roofing in the northern overgrown area of the farmyard. There is an Above Ground Storage Tank (AST) present on the eastern end of the main barn.

Information on the services at the site provided to Hydrock by request to the relevant utility provider and identified on the site walkover indicated overhead high voltage cables on timber poles crossing the south-west corner of Field 1 in a north-west to south-east orientation before following the western / southern boundary just inside the confines of the site.

The main site features are shown on Figure 2.1 and included as drawing ref 18443-HYD-XX-XX-DR-GE-1003 in Appendix A.



Figure 2.1: Site Features

2.3 Site history

The site is shown as open farmland from the earliest available maps (1885) with Rectory Farm shown in the central east of the site and a pond to the west of the farm.

From 1885, in the south-east corner of the site, potential earthworks are shown extended off-site to the south, labelled 'Old Stone Pits'. The boundaries are not shown on historical maps from 1982, potentially indicating infilling.

'The Bungalow' is shown on mapping from 1974, midway along the western site boundary. From 2008 onwards, aerial imagery shows the area adjacent to the north of The Bungalow to be used for vehicle and subsequently materials storage.

Rectory Farm Quarry and Landfill, operated by Mick George Ltd. was permitted as a landfill in 2004 in the south-west of the site and operated from 2000 to 2015, initially for extracting sand and gravel and then the deposition of 'inert' waste in the gravel pit void. The landfill comprised a total of 8 cells, with settlement lagoons present in the central north of the site. It is anticipated the landfill is up to approximately 10.0m based on the underlying geology. The landfill was restored by 2016. It is understood the landfill is closed, although the licence is yet to be surrendered.

2.4 Geology & Hydrogeology

The geology at the site, as indicated by the British Geological Survey (BGS) comprises superficial deposits of:

- Glacial Till (Oadby Member), comprising grey weathering brown clay with subordinate lenses of sand and gravel with chalk and flint fragments; and
- Glaciofluvial Deposits comprising sands and gravels.

These superficial deposits overlie the solid geology, which comprises:

- Oxford Clay Formation outcropping in the south-west of the site, comprising silicate mudstone with sporadic beds of limestone; over
- Kellaways Sand Member outcropping in the west of the site comprising silicate sandstone and siltstone, pale grey with interbeds of sandy and silty mudstone; over
- Kellaways Clay Member outcropping in the south, centre and north-west of the site, comprising grey mudstone; over
- Cornbrash Limestone Formation outcropping in the centre and east of the site, comprising medium to fine grained, bluish grey, weathering olive or yellow brown limestone; over
- Blisworth Clay Formation outcropping in the centre and north of the site, comprising silicate mudstone, grey with frequent fossils, rootlets and ironstone nodules; over
- Blisworth Limestone Formation outcropping in the north of the site, comprising pale grey or off-white yellowish limestone; over
- Rutland Formation at depth, comprising grey mudstone and siltstone; over
- Stamford Member at depth, comprising grey to yellowish and white sandstone or siltstone.

Based on the historical mapping and known working on the site, deep Made Ground is anticipated in the south-west where sand and gravel extraction and subsequent landfilling has occurred and potentially in the south-east where 'Old Stone Pits' were recorded.

A fault line is present in the far north of the site, trending east to west with downthrow to the north.

The Glaciofluvial Deposits, Kellaways Sand Member and the Cornbrash Formation are classified as a 'Secondary A' aquifers. The Oadby Member is classified as a 'Secondary Undifferentiated' aquifer. The Blisworth Limestone Formation is classified as a 'Principal' aquifer. The Oxford Clay Formation, Kellaways Clay Member and Blisworth Clay Formation are classified as unproductive strata. Each of the other geological units are noted as 'Unproductive Strata'.

The site is not within a Source Protection Zone and there are no active licensed groundwater abstractions within 1km of the site.

2.5 Hydrology

A small pond is present on site, to the east of Castle Manor Farm.

Surface water ditches are present in the centre of the site flowing to the central north. Another surface water ditch is present on the northern boundary. All surface water drainage then flows to the northeast to join Thorpe Brook and ultimately joins the River Nene 3km to the north at approximately 20m lower than the lowest point on site.

2.6 Ground Model

2.6.1 Introduction

No factual site investigation data is provided in this report and reference should be made to the Hydrock Factual Report 18443-HYD-XX-XX-GE-RP-1003 for detailed information. However, a summary of the ground model is provided below.

Drawings showing, location, depth and level of the various geological units are provided in the factual report.

2.6.2 Agriculturally Disturbed Topsoil

In the agricultural fields, exploratory holes encountered Agriculturally Disturbed Topsoil to depths of between 0.05m and 0.70m bgl, with an average thickness of 0.33m.

The Agriculturally Disturbed Topsoil generally comprised firm to stiff brown slightly gravelly clay. Gravel comprises sub-angular to sub-rounded fine to coarse limestone, sandstone, flint and quartz.

2.6.3 Made Ground

Made Ground was recorded sporadically across the entire site, as shown on Hydrock Drawing 18443-HYD-XX-ZZ-DR-GE-1006 in Appendix A. In general, there are three main types of Made Ground:

- General Made Ground associated with:
 - » farm tracks and farm yard area;
 - » in the south-east corner associated with the 'Old Stone Pits'; and
 - » in the centre north of the site associated with the backfilled settlement ponds;
- Topsoil – Made Ground; and
- Landfill – Made Ground.

General Made Ground was encountered to depths of between 0.28m and 3.70m bgl and comprised a mixture of concrete hard standing (farm yard and access track) and soft to firm greyish brown, orangish brown and yellowish brown sandy gravelly clay ('Old Stone Pits' and backfilled settlement ponds). Gravel comprises fine to coarse angular to sub-rounded fine to coarse sandstone, chalk, limestone, coal, brick, concrete and asphalt.

Topsoil – Made Ground encountered in the south-west of the site above the landfill and sporadically across the rest of the site to depths of between 0.10m and 0.90m bgl comprising a soft to firm dark to light brown slightly sandy slightly gravelly clay with frequent rootlets. Gravels comprise fine to coarse, angular to sub-rounded brick, chalk, flint, limestone, sandstone and ash.

Landfill – Made Ground is located in the south-west of the site to depths of between 0.50m and 11.70m bgl comprising soft to firm grey, yellowish brown, brown and orangish brown slightly sandy gravelly clay. Gravels comprised angular to sub-rounded fine to coarse flint, sandstone, ironstone, chalk, limestone and gravel sized fragments of brick.

2.6.4 *Buried Topsoil*

Buried Topsoil was encountered in two locations (TP113 & TP117) in the west of the site, underlying the Landfill to depths of between 0.70m and 2.00m bgl, with an average thickness of 0.50m. It is assumed that this is associated with the gravel extraction in this area of the site.

Buried topsoil comprises stiff greyish brown sandy clay.

2.6.5 *Alluvium*

Alluvium was encountered underlying the Made Ground in the one location (RBH-110) in the north-east of the site. Alluvium is between 0.40m and 2.90m depth, with a thickness of 2.50m.

This generally consisted of soft to firm brown sandy slightly gravelly clay/brown gravelly sand. Gravel consists of fine to coarse, sub-angular to sub-rounded flint and limestone.

2.6.6 *Head Deposits*

Head Deposits were encountered in the east of the site on the steeper slopes and at the base of the central and northern lower areas from typically 51m OD.

Head Deposits generally consisted of firm to stiff light brown, orangish brown and yellowish brown sandy slightly gravelly clay/ clayey gravelly sand. Gravel consists of fine to coarse sub-angular to rounded limestone, flint, chalk and mudstone.

2.6.7 *Glacial Till*

Glacial Till was encountered in the west of the site, typically underlying the Topsoil / Agriculturally disturbed Topsoil and beneath the landfill where the landfill cuts through the Glacial Till as part of sand and gravel extraction works. Glacial Till was encountered to depths of between 0.15m and 8.30m bgl, with the base of the unit at approximately 58m OD in the south-west, with an average thickness of 2.42m.

Glacial Till generally consisted of stiff to very stiff grey and greyish brown slightly sandy slightly gravelly clay. Gravel is fine to coarse, sub-angular to rounded flint, sandstone, limestone and chalk.

2.6.8 *Glaciofluvial Deposits*

The Glaciofluvial Deposits were encountered in the west of the site, typically underlying the Glacial Till at depths of between 0.30m and 12.10m bgl, generally 60m to 67m OD. Glaciofluvial Deposits are assumed to have been removed as part of gravel extraction works.

Glaciofluvial Deposits generally comprised dense to very dense orange brown, greyish brown and reddish-brown gravelly sand and localised form orange brown and bluish grey sandy clay. Gravels comprised fine to coarse, sub-angular to rounded limestone, flint, sandstone and ironstone.

2.6.9 *Kellaways Sand Member*

Kellaways Sand Member was encountered in the west of the site, underlying the Glaciofluvial Deposits/ Glacial Till and beneath the landfill where superficial deposits have been removed as part of gravel extraction works. Kellaways Sand Member was encountered to depths of between 0.30m and 11.00m bgl with an average thickness of 2.24m, outcropping in the central western part of the site. The

base of the Kellaways Sand Member and boundary with the Kellaways Clay Member is roughly at 54m OD.

The Kellaways Sand Member generally consisted of yellowish brown and orangish brown clayey slightly gravelly sand. Gravel is sub-angular to rounded fine to coarse, sandstone, limestone, ironstone and siltstone.

2.6.10 Kellaways Clay Member

Kellaways Clay Member was encountered in the west of the site, underlying the Kellaways Sand Member. The Kellaways Clay Member as encountered to depths of between 0.20m and 12.40m bgl with an average thickness of 1.60m, outcropping in the centre of the site. The base of the Kellaways Clay Member and boundary with the underlying Cornbrash Limestone Formation is roughly at 53m OD.

The Kellaways Clay Member generally consisted of firm to stiff bluish grey, light grey or dark grey sandy slightly gravelly clay. Gravel is fine to coarse, sub-angular to sub-rounded fine sandstone with rare shell fragments.

2.6.11 Cornbrash Limestone Formation

Cornbrash Limestone Formation was encountered underlying the Kellaways Clay Member across the entire site at deeper depths towards the south-west of site with an average thickness of 0.90m and outcropping in the north-east of the site. The base of the Cornbrash Limestone Formation and the boundary with the underlying Blisworth Clay Formation is roughly at 50m OD.

The Cornbrash Limestone Formation generally consisted of extremely weak to strong, grey to light brown occasionally shelly limestone.

2.6.12 Blisworth Clay Formation

Blisworth Clay Formation was encountered at shallow depths underlying the Agriculturally Disturbed Topsoil and Head Deposits in the central north-eastern part of the site and underlying the Cornbrash Limestone Formation across the rest of the site. The Blisworth Clay Formation was encountered to depths of between 0.20m and >16.00m bgl. The base of the Blisworth Clay Formation and the boundary with the underlying Blisworth Limestone Formation is approximately at 46m OD.

The Blisworth Clay Formation generally consisted of firm to very stiff light grey, bluish grey and dark grey occasionally fissured, slightly gravelly clay. Gravels comprising sub-angular to sub-rounded fine to coarse limestone and chert.

2.6.13 Blisworth Limestone Formation

Blisworth Limestone Formation was encountered at shallow depths underlying the Agriculturally Disturbed Topsoil and Head Deposits in the central north-eastern part of site and underlying the Blisworth Clay Formation across the rest of the site. The Blisworth Limestone Formation was encountered to depths of between 0.28m and >15.00m bgl. The base of the Blisworth Limestone Formation and the boundary with the underlying Rutland Formation is approximately 39m OD.

The Blisworth Limestone Formation generally consisted of weak to strong grey limestone.

2.6.14 Rutland Formation

Rutland Formation was encountered underlying the Blisworth Limestone Formation in four locations (RBH-112, RBH-116, RBH-206 & RBH-208) in the central east of the site at depths of between 6.60m and 8.30m bgl.

The Rutland Formation generally consisted of stiff bluish grey clay with frequent shell fragments and weak dark grey siltstone.

2.6.15 Ground Model Summary

In Summary:

- There is a covering of Agriculturally Disturbed Topsoil across most of the site with Topsoil Made Ground located in the south-west above a backfilled 'inert' landfill (up to 11.90m bgl), and General Made Ground around the farmyard, track ways and former stone pits.
- The Oadby Member was typically recorded in the south-west, overlying Glaciofluvial Deposits (which have been removed in part during historical sand and gravel extraction works).
- Head Deposits located in topographic lows of the site with Alluvium recorded in one location (RBH-110).
- The Kellaway Sand Member underlies the Superficial Deposits in the south-west and has an average thickness of 2.24m.
- The Kellaway Clay Member underlies the Kellaways Sand Member (boundary at approximately 54m OD) in the south and centre of the site and has an average thickness of 1.60m.
- The Cornbrash Limestone Formation underlies the Kellaways Clay Member (boundary at approximately 53m OD) in the south and centre of the site and outcrops at surface in the east, with an average thickness of 0.90m.
- The Blisworth Clay Formation underlies the Cornbrash Formation (boundary at approximately 50m OD) across the site and outcropping in topographic lows in the centre and north of the site, with an average thickness of 2.16m.
- The Blisworth Limestone Formation underlies the Blisworth Clay Formation (boundary at approximately 50m OD) with a thickness up to >6.70m.
- The Rutland Formation underlies the Blisworth Limestone Formation (boundary at approximately 46m OD) across the site. The base of the Rutland Formation was unproven during the works.

Reference should be made to Hydrock Drawing 18443-HYD-XX-XX-RP-GE-1014 detailing geological cross sections across the site.

2.7 Obstructions

Generally, no significant obstructions were encountered, however a blue ripped plastic pipe (10cm diameter) was encountered in HP-122.

Several of the cable percussion boreholes and trial pits were terminated where rock (limestone) was encountered.

Obstructions (foundations, hardstanding and possibly services etc.) will also be present in areas of historical construction.

2.8 Visual and olfactory evidence of contamination (soil)

In addition to the more common man-made constituents (clinker, etc described above) in the Made Ground, visual evidence of contamination was noted in eight locations as summarised in Table 2.1.

Table 2.1: Visual and olfactory evidence of contamination – soils

Stratum	Location	Depth (m bgl)	Description
Landfill - Made Ground	CBH-106	7.50	Sulphurous odour
	CBH-110	6.50 to 8.30	Hydrocarbon odour
	RBH-102	2.40 to 3.70	Decomposing plant odour
	TP-104	2.30 to 3.00	Humic odour
	TP-108	1.40 to 3.20	Organic odour
	TP-110	1.90 to 3.00	Mild Humic odour
	TP-111	1.70 to 3.00	Humic matter odour
	TP-118	2.70 to 3.20	Mild pungent odour

No olfactory evidence of contamination was noted in the location of the above ground storage tank (AST) (fuel) in the farmyard.

2.9 Groundwater

In general, shallow, possibly perched groundwater was encountered within the Landfill – Made Ground with deeper groundwater bodies within the Cornbrash Formation and the Blisworth Limestone Formation.

In the Landfill – Made Ground, perched groundwater was recorded between depths of 0.12m (64.31m OD) and 4.03m (55.58m OD) during groundwater monitoring with a groundwater flow direction towards the north-west.

Within the Cornbrash Formation (separated from the Landfill – Made Ground by the Kellaways Sand and Kellaways Clay Members) groundwater levels were recorded at between 42.88m OD and 61.72m OD with generally groundwater flow towards the north-east, although at the topographic high, potential groundwater flow towards the west is recorded. Based on levels provided, the groundwater levels appear sub-artesian in part.

A third groundwater body is present within the Blisworth Limestone Formation at between 39.38m OD and 48.92m OD with groundwater flow direction towards the north-east.

2.10 Geo-environmental testing

Geo-environmental testing has been undertaken and the results are presented in the ‘Factual and Ground Model Report’ (Hydrock Report 18443-HYD-XX-XX-GE-RP-1003) and assessed in Sections 3.4 (human health), 3.5 (plant life), 3.6 (controlled waters) and 3.9 (construction materials).

2.11 Ground Gas Monitoring

Six rounds of ground gas monitoring were undertaken as part of the preliminary works with eight of the proposed 18 as part of the detailed works undertaken to date. Ground gas monitoring data are presented in the ‘Factual and Ground Model Report’ (Hydrock Report 18443-HYD-XX-XX-GE-RP-1003) and assessed in Section 3.7 of this report.

3. GEOENVIRONMENTAL ASSESSMENT

3.1 Updated ground model

The preliminary ground model developed from the Desk Study and field reconnaissance survey has been updated using the findings of the ground investigation.

The ground model is summarised in Section 2, with full details presented in Hydrock Report 18443-HYD-XX-XX-RP-GE-1003, and is used as the basis for the geo-environmental assessment presented in this section.

3.2 Updated Exposure Model

Following the ground investigation, the plausible contaminant sources, receptors and pathways identified in the preliminary geo-environmental exposure model (See Hydrock report 18443-HYD-XX-XX-RP-GE-1002), have been updated or confirmed as follows.

3.2.1 Sources

No sources have been removed from, or added to, the exposure model. As such, the sources identified in the Desk Study remain and are:

- Made Ground associated with the sand and gravel pit / landfill materials in the south-west, possibly including elevated concentrations of metals, metalloids, asbestos fibres, Asbestos Containing Materials (ACM), polycyclic aromatic hydrocarbons (PAHs) and petroleum hydrocarbons (S1).
- Made Ground associated with the infilled 'Old Stone Pits' in the south-east, possibly including elevated concentrations of metals, metalloids, asbestos fibres, ACM, PAHs and petroleum hydrocarbons (S2).
- Made Ground associated with Castle Manor Farm and access roads in the centre east, possibly including elevated concentrations of metals, metalloids, asbestos fibres, ACM, PAHs and petroleum hydrocarbons (S3).
- Hydrocarbon fuels from above ground storage tanks (ASTs), the pipework between tanks and pumps, and general spillage around Manor Castle Farm (S4).
- Ground gases (carbon dioxide and methane) from organic materials in the Landfill (Inert) Made Ground and associated with 'Old Stone Pits' and around Castle Manor Farm (S5).
- Asbestos within existing buildings and structures around Castle Manor Farm (S6).
- Pesticides and herbicides associated with historical farming practices (S7).

No off-site sources of contamination have been identified.

BR211 indicates the site is a low radon area and no radon protection is required. Radon is therefore not considered as a complete linkage as no source is present.

3.2.2 Receptors

No receptors have been removed from, or added to, the exposure model. As such, the receptors identified in the Desk Study remain and are:

- People: site end users, neighbours (R1).
- Development end use: buildings, utilities and landscaping (R2).

- Groundwater: Secondary A aquifer status of the Glaciofluvial Deposits, Kellaways Sand Member, Cornbrash Formation and Principal aquifer status of the Blisworth Limestone (R3).
- Surface water: on-site drainage ditches and pond, Thorpe Brook located off-site to the north-east (R4).

3.2.3 Pathways

No pathways have been removed from, or added to, the exposure model. As such, the pathways identified in the Desk Study remain and are:

- Ingestion, skin contact, inhalation of dust, inhalation of vapours and inhalation of fibres (P1).
- Ground gas ingress via permeable soils and/or construction gaps (P4).
- VOC and petroleum hydrocarbon vapour in outdoor air and ingress to indoor air via permeable soils and/or construction gaps (P4).
- Root uptake by plant (P4).
- Migration of contaminants via leachate migration through the unsaturated zone in various lithologies (P5).
- Migration of contaminants from horizontal migration of groundwater within various lithologies (P6).
- Surface water via overland flow (P7).
- Surface water via drainage discharge (P8).
- Surface water via base flow from groundwater (P9).

Using the updated ground model and exposure model, generic risk assessment is undertaken as presented below.

An assessment of the Source-Pathway-Receptor linkages has been undertaken and is presented in Appendix E (Table E.2) and the conclusions of the assessment are discussed in Section 3.10.

Health and safety risks to site Contractors and maintenance workers have not been assessed during these works and will need to be considered separately.

3.3 Risk assessment approach

Generic risk assessments have been undertaken in accordance with the principles of LCRM (2021) using the CSM that has been updated following the ground investigation.

Firstly, the risks associated with the identified potential contaminant linkages have been estimated using standardised methods (typically involving comparison of site data with published 'screening values').

Secondly, where screening values are exceeded, the result has been evaluated in an authoritative review of the findings with other pertinent information to determine whether or not the exceedance is, or is not acceptable in the site-specific circumstances.

The data sets used in the assessment comprise the analytical results obtained by Hydrock as listed in Hydrock Report 18443-HYD-XX-XX-RP-GE-1003.

In cases where unacceptable risks are indicated, actions such as more advanced stages of risk assessment or remediation are proposed in Section 3.11.

3.4 Human health risk assessment

This is a Tier 2 assessment using soil screening values applicable to the commercial CLEA land use scenario.

The soil screening values used are generic assessment criteria (GAC). It should be noted that Category 4 Screening Levels (C4SL) for lead have been used as there is no recognised GAC for lead and the use of the term 'GAC' in this report includes the C4SL for lead.

Statistical analysis is used where data sets are suitable. The critical issue is sample numbers. For data sets with low sample numbers and / or where sampling is targeted at specific areas, individual sample test results are compared directly with the screening values. Larger and non-targeted data sets are subject to statistical analysis.

The phrase 'further assessment required' is used to denote soil concentrations that are equal to, or exceed, a GAC. This does not necessarily mean that the soil is 'contaminated' or not otherwise suitable for use. The assessment and any mitigation required are to ensure the site does not pose an 'unacceptable risk'.

The results of the assessment are presented in Appendix B.

3.4.1 Averaging areas

The 'averaging areas' used in this report are based on the CSM and the proposed development, are summarised as data from all areas of the site, but divided based on strata, as follows:

- Made Ground – Topsoil, located above the Made Ground – Landfill soils;
- Made Ground – Landfill, located in the south-west of the site;
- Made Ground – General (various locations across site);
- Agriculturally Disturbed Topsoil; and
- Natural soils

Where there are exceedances of concentrations compared to the GAC, statistical analysis has been used through calculation of the 95th upper confidence level of the true mean (US₉₅) from the sample data set (where statistically relevant data sets are available).

3.4.2 Risk estimation

Hydrock Default List of Determinands

All contaminants were below their respective GAC for Made Ground – Topsoil, Agriculturally Disturbed Topsoil and natural soils.

For Made Ground – Landfill and Made Ground – General there were two elevated concentrations of benzo(a)pyrene, at or above the GAC. In Made Ground – Landfill (TP-114 at 2.20m), the concentration was 14mg/kg and in Made Ground – General (HP-124 at 0.50m) the concentration was 32mg/kg compared to the GAC of 14mg/kg. The US₉₅ values for benzo(a)pyrene in the two strata were 2.70mg/kg (Made Ground – Landfill) and 8.79mg/kg (Made Ground – General), which are below the GAC, and therefore no further assessment was deemed necessary.

Asbestos

There was visual evidence of suspected ACM on the surface in one location adjacent to HP-122 whilst walking across site. This was sampled and sent for identification at the laboratory as ASB-001). In addition, asbestos has been identified by laboratory testing of soil samples as summarised in Table 3.1.

Table 3.1: Asbestos in soil samples (laboratory testing)

Location	Soil Type / Area	Depth (m bgl)	% Asbestos (w/w)	Comment
TP-113	Landfill	0.10	<0.001	Fibres (chrysotile and amosite).
TP-118	Landfill	1.80	0.002	Loose fibrous debris (amosite).
RBH-116	Made Ground – General	0.10	<0.001	Fibres (amosite).
ASB-001	‘Old Stone Pits’	Surface	-	Bulk sample – Chrysotile Hard/cement type material.

The presence of ACM and asbestos fibres in soil requires further consideration.

Petroleum hydrocarbons (PHC)

Targeted analysis of petroleum hydrocarbons was undertaken on any soils which had an odour, or were recovered from the vicinity of potential hydrocarbon sources.

None of the individual test results exceed the GAC for a commercial land use and petroleum hydrocarbons does not require further consideration.

BTEX-M

Targeted analysis of BTEX-M (benzene, toluene, ethylbenzene, xylene and methyl tert-butyl ether) was undertaken on soils from the farmyard area and landfill area.

None of the individual test results exceed the GAC for a commercial land use and BTEX-M does not require further consideration.

Pesticides / Herbicides

Pesticides or herbicides were not identified in any of the samples during screening and does not require further consideration.

3.4.3 Risk evaluation

The screening exercise has identified no elevated Contaminants of Potential Concern, apart from three detections of asbestos in Made Ground – Topsoil above the Landfill and in the Made Ground – Landfill and one identification at the site surface in the area of the ‘Old Stone Pits’. These are considered further here to assess if the risk may be acceptable with respect to the proposed development. The phrase ‘further assessment’ does not necessarily mean that the soil is ‘contaminated’ or not fit for use.

ACM

Some of the buildings at Castle Manor Farm (and the adjacent chicken shed) appear to use ACM within the building fabric.

ACM has not been noted within any of the exploratory holes on site. However, a single piece of ACM (chrysotile hard/cement type material), has been encountered within the area of the 'Old Stone Pits' in the south-east of the site.

The 'Old Stone Pits' are adjacent to Castle Manor Farm and off-site farm buildings, which Hydrock consider to be the source of the incidental piece of ACM at surface.

It is considered that the risk of ACM to the proposed development is low, subject to:

- The undertaking of a demolition asbestos survey for the Castle Manor Farm area and the surrounding fields.
- A site watching brief during excavation of soils for ACM (specifically within the area of Castle Manor Farm, farm tracks, the 'Old Stone Pits' and the historical landfill).
- Removal of any identified ACM by specialist Contractors in accordance with CAR 2012.

Asbestos fibres

Asbestos fibres (up to 0.002%) are present (although rarely), within the topsoil above the landfill, within the landfill and in the Made Ground at Castle Manor Farm (3 samples out of 74).

Guidance on the assessment of risk associated with asbestos in soils was published by CIRIA in 2014 (C733). This proposed a semi-quantitative risk assessment methodology for asbestos, based on potential for inhalation of airborne fibres. As many factors affect the potential magnitude of fibre inhalation in addition to concentration, it is not practicable to derive generic screening criteria for asbestos concentrations in soil. Risk factors applicable to the site are considered below:

- The landfill is classified as 'inert' and asbestos waste was not permitted and as such are not expected to be present.
- No visible evidence of asbestos containing materials was noted in any of the exploratory holes, suggesting that asbestos materials are present only as very minor constituents in the soil.
- The isolated location where asbestos was identified by laboratory testing, the concentration was assessed as being low (maximum of 0.002%).
- The materials in which asbestos fibres were identified were of mixed composition but included some clay content. The likelihood of asbestos fibres being released from cohesive materials is less than might be the case for loose material such as sand / silt.

It is considered that the risk from rare low concentrations of asbestos fibres in soils to the proposed development is low, subject to:

- A site watching brief during excavation of soils for ACM (specifically within the area of Castle Manor Farm, farm tracks, the 'Old Stone Pits' and the historical landfill).
- Removal of any identified ACM by specialist Contractors in accordance with CAR 2012.
- Testing of soils (at a rate to be determined) during excavation and placement.

Conclusions

Subject to regulatory approval, whilst Hydrock consider it plausible for asbestos fibres and ACM to be present in any of the Made Ground soils, overall, the risk associated with the identified presence of asbestos is considered to be low, subject to appropriate mitigation.

3.5 Plant life risk assessment

Priority phytotoxic chemical concentrations have been screened against published values to determine the likely risk to plant growth and the findings are presented in Appendix B. As with human health, statistical testing is used where data sets are suitable, otherwise individual sample test results are compared directly with the screening values.

Based on test results that exceed the GAC, the chemicals of potential concern which require further assessment are summarised in Table 3.2.

Table 3.2: Chemicals of potential concern which require further assessment (plant life)

Chemical of potential concern	GAC (mg/kg)	Basis for GAC	No. samples	Min. (mg/kg)	Max. (mg/kg)	No. samples exceeding GAC
<i>Made Ground – General</i>						
Copper	135	BS 3882:2015	25	13	300	1
Zinc	300	BS 3882:2015	25	53	5,500	1

Within the Made Ground - General, concentrations of copper and zinc are elevated when compared to the GAC in one sample of 25 (TP309 at 2.95m bgl). Given the depth of this sample it is considered at sufficient depth to be outside of the root zone and based on the singular exceedance, Hydrock does not believe there to be an unacceptable risk to plant life.

No exceedances were noted with regards to GAC for plant life within Made Ground – Topsoil, Made Ground – Landfill, Agriculturally Disturbed Topsoil and natural soils and Hydrock does not believe there to be an unacceptable risk to plant life from contamination.

No any additional consideration is required with regard to risks to plant life.

3.6 Pollution of controlled waters risk assessment

3.6.1 Risk estimation

The risks to groundwater and surface water from contaminants on site have been assessed in accordance with the Environment Agency (2006) Remedial Targets Methodology (RTM). Site contaminant loadings are compared with relevant screening values (Water Quality Targets), which are linked to the CSM.

Acceptable WQT are defined for protection of human health (based on Drinking Water Standards (DWS)) and for protection of aquatic ecosystems (Environmental Quality Standards (EQS)). The assessment is presented in Appendix B, with the justification for the scenarios selected explained in the following text:

- The Glaciofluvial Deposits, Kellaways Sand Member and the Cornbrash Formation are classified as ‘Secondary A’ aquifers.
- The Oadby Member is classified as a ‘Secondary Undifferentiated’ aquifer.
- The Blisworth Limestone Formation (present at sub-crop in the central north of the site) is classified as a ‘Principal’ aquifer.
- Each of the other geological units encountered are noted as ‘Unproductive Stratum’.

- Surface water ditches are present in the centre of the site flowing to the central north. Another surface water ditch is present on the northern boundary. All surface water drainage then flows to the northeast to join Thorpe Brook and ultimately joins the River Nene 3km to the north at approximately 20m lower than the lowest point on site.
- The pond (adjacent to Castle Manor Farm) may be formed as a spring at the boundary of the Cornbrash formation and the underlying Blisworth Clay Formation.
- The 'inert landfill' is unlined but understood to have had a geological barrier implemented along the sides and base of the excavation prior to backfilling.

Table 3.3: Summary of water quality risk assessment protocol

Hydrock scenario	Water body receptors	Secondary receptors	Example contaminant linkages	RTM level and data used	WQT
D	Groundwater. Surface water.	Human health (abstraction). Aquatic ecosystem.	Contaminants from site leach or seep into a groundwater body that feeds inland surface water by base flow.	RTM Level 2 - Groundwater.	DWS EQS (inland)
B	Groundwater. Surface Water (Pond).	Aquatic ecosystem	The surface water may be used for human consumption and is an aquatic ecosystem.	RTM Level 3 – Surface water.	EQS (Inland)

Notes:

Some EQS are water hardness dependent. This is measured either in the receiving surface water or in groundwater (if it is part of the pathway), or is estimated from national maps.

Inland waters EQS applicable to freshwater, 'other' waters EQS applicable to coastal or transitional waters.

This table and the results of the assessment are considered as a first screening for potential risks of pollution of Controlled Waters. More specific requirements may be stipulated by the relevant agency.

The results of the screening assessment are presented in Appendix B and are summarised in Table 3.4.

It should be noted that:

- The inland waters EQS for copper, lead, manganese, nickel and zinc are based on bioavailable fraction and so the M-BAT software tool (WFD-UKTAG July 2014) has been used to calculate site-specific Predicted No Effect Concentrations (PNEC)_{dissolved} values, which have been used as EQS for comparison against measured dissolved metal concentrations in surface water and consider the calculated bioavailable fraction.
- There are no WQT for petroleum hydrocarbon fractions in water. However, because of the sensitivity of the water environment to petroleum hydrocarbons, an initial screening exercise is also included in Table 3.4 irrespective of the assessment scenario(s) stated in Table 3.3.
- In some instances, the reporting limit (or limit of detection (LoD)) quoted by the laboratory may be greater than the WQT that it is being assessed against. As the current exercise is an initial screening assessment, further assessment of these elements has not been undertaken.

Table 3.4: Chemicals of potential concern for which further assessment is required (controlled waters)

Chemical of potential concern	WQT (µg/l)	Basis for WQT	No. samples	No. samples above LoD	Min. (µg/l)	Max. (µg/l)	No. samples exceeding WQT and above LoD
Made Ground - Landfill							
Arsenic	10	DWS	9	9	1.01	13.3	1
Cobalt	3	EQS	9	9	2.9	19	7
Chromium (III)	4.7	EQS	9	1	<1	6.9	1
Iron	200	DWS	9	9	30	43,000	4
	1,000	EQS					1
Manganese	50	DWS	9	9	600	4,700	9
	219.55	PNEC					9
Nickel	20	DWS	9	9	5.4	23	8
	11.5	PNEC					2
Selenium	10	DWS	9	9	3.5	13	2
Ammonium (NH ₄ ⁺)	500	DWS	9	9	1,400	9,600	9
Ammoniacal Nitrogen (N)	300	EQS	9	9	1,100	7,500	9
Chloride	250,000	DWS	9	9	41,000	270,000	2
	250,000	EQS					2
Sulphate (SO ₄ ²⁻)	250,000	DWS	9	9	312,000	1,490,000	9
	400,000	EQS					5
Superficial Deposits							
Nitrate (NO ₃ ⁻)	50,000	DWS	2	2	5,660	53,500	1
Sulphate (SO ₄ ²⁻)	250,000	DWS	2	2	85,000	592,000	1
	400,000	EQS					1
Kellaways Sand Member – CBH-101							
Cobalt	3	EQS	1	1	22		1
Chromium (III)	4.7	EQS	1	1	6.9		1
Iron	200	DWS	1	1	340		1
Manganese	50	DWS	1	1	3,100		1
	219.55	PNEC				1	
Sodium	200,000	DWS	1	1	630,000		1
Nickel	11.5	EQS	1	1	16		1
Selenium	10	DWS	1	1	160		1
Ammonium (NH ₄ ⁺)	500	DWS	1	1	2,000		1
Ammoniacal Nitrogen (N)	300	EQS	1	1	1,500		1

Chemical of potential concern	WQT (µg/l)	Basis for WQT	No. samples	No. samples above LoD	Min. (µg/l)	Max. (µg/l)	No. samples exceeding WQT and above LoD
Sulphate (SO ₄ ²⁻)	250,000	DWS	1	1	1,360,000		1
	400,000	EQS					1
Electrical Conductivity	2,500	DWS	1	1	2,700		1
Kellaways Clay Member – CBH-102							
No Exceedances							
Cornbrash Formation							
Silver	0.05	EQS	16	3	<0.05	2.95	3
Cadmium	0.08	EQS	16	16	<0.02	0.2	1
Cobalt	3	EQS	16	16	0.6	6.3	1
Iron	200	DWS	16	15	<4	5,100	2
	1,000	EQS					1
Manganese	50	DWS	16	16	13	860	10
	219.55	PNEC					4
Sodium	200,000	DWS	16	16	15,000	240,000	1
Nickel	11.5	PNEC	16	16	2	15	1
Selenium	10	DWS	16	14	<0.6	18	4
Ammonium (NH ₄ ⁺)	500	DWS	16	14	<15	1,500	5
Ammoniacal Nitrogen (N)	300	EQS	16	14	<15	1,200	6
Nitrite (NO ₂ ⁻)	500	DWS	16	10	<5	3,100	6
Sulphate (SO ₄ ²⁻)	250,000	DWS	16	16	152,000	1,030,000	13
	400,000	EQS					5
Blisworth Clay Formation – RBH-117							
Zinc	31.59	PNEC	1	1	99		1
Ammonium (NH ₄ ⁺)	500	DWS	1	1	1,400		1
Ammoniacal Nitrogen (N)	300	EQS	1	1	1,100		1
Nitrite (NO ₂ ⁻)	500	DWS	1	1	1,400		1
Anthracene	0.1	EQS	1	1	0.29		1
Benzo(a)pyrene	0.01	DWS	1	1	1.06		1
	0.00017	EQS					1
Fluoranthene	0.0063	EQS	1	1	3.05		1
Sum of PAHs*	0.1	DWS	1	1	2.9		1
Ali >EC12-EC16**	10	EQS	1	1	11		1
Ali >EC16-EC35**	10	EQS	1	1	19		1

Chemical of potential concern	WQT (µg/l)	Basis for WQT	No. samples	No. samples above LoD	Min. (µg/l)	Max. (µg/l)	No. samples exceeding WQT and above LoD
Blisworth Limestone Formation							
Boron	1,000	DWS	12	12	48	2,000	2
Cobalt	3	EQS	12	12	0.8	17	6
Manganese	50	DWS	12	12	6.9	540	8
	219.55	PNEC					2
Nickel	20	DWS	12	12	3.2	40	3
	11.5	PNEC					5
Ammonium (NH ₄ ⁺)	500	DWS	12	11	<15	970	3
Ammoniacal Nitrogen (N)	300	EQS	12	11	<15	760	4
Nitrate (NO ₃ ⁻)	50,000	DWS	12	12	360	100,000	2
Nitrite (NO ₂ ⁻)	500	DWS	12	11	<5	4,900	4
Sulphate (SO ₄ ²⁻)	250,000	DWS	12	12	123,000	1,420,000	8
	400,000	EQS					7
Surface Water (Pond in site farm complex)							
Manganese	851.26	PNEC	2	2	13	900	1
Ammonium (NH ₄ ⁺)	500	DWS	2	1	<15	1,900	1
Ammoniacal Nitrogen (N)	300	EQS	2	1	<15	1,500	1
Nitrate (NO ₃ ⁻)	50,000	DWS	2	2	310	94,200	1
Sulphate (SO ₄ ²⁻)	250,000	DWS	2	2	40,000	361,000	1
Surface Water (on-site ditches)							
Nitrate (NO ₃ ⁻)	50,000	DWS	3	3	72,500	81,300	3
Surface Water (River Nene)							
Cadmium	0.08	EQS	1	1	0.16		1
Notes:							
The maximum recorded value is compared with the WQT.							
* Sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene and indeno(1,2,3-c,d)pyrene.							
** The Water Supply Regulations 1989 and the Private Water Supply Regulations 1991 both contained a prescribed concentration of 10 µg/l for 'dissolved or emulsified hydrocarbons (after extraction with petroleum ether); mineral oils'. This was removed when these Regulations were updated in 2000 (consolidated 2007) and 2009, respectively. However, 10 µg/l is used in this report as an initial screening assessment as it is frequently the preferred approach of the Environment Agency.							

3.6.2 Risk evaluation

Groundwater flow in all units is predominantly towards the north-east and likely controlled by the topography and stratigraphy (which dip slightly to the north-east), with groundwater within the Made Ground - Landfill perched within this stratum.

Boreholes upgradient of the landfill (RBH-101, RBH-106 and RBH-107) installed into the underlying Cornbrash Limestone Formation record exceedances with regards to the EQS for iron, manganese and sulphate. Exceedances with regards to the DWS are recorded with regards to iron, manganese, selenium, nitrite and sulphate. The exceedances for these CoPC are considered representative of the wider groundwater environment, being either naturally occurring or at regional scale background concentrations and are not considered further in this assessment.

In addition to the above, silver is elevated when compared to the EQS, within water sampled from boreholes installed in the Cornbrash Formation. Whilst the recorded occurrences of silver are sporadic across the site, Hydrock consider these to represent background concentrations as there is no on-site source and there is no hydraulic connectivity between the sporadic elevated samples.

There are singular exceedances for arsenic in water sampled from the Made Ground - Landfill (CBH-107), cadmium (RBH-105) in water sampled from the Cornbrash Formation, zinc in water sampled from the Blisworth Clay Formation (RBH-117) and electrical conductivity (RBH-110) in water sampled from Superficial Deposits. These exceedances are slight and Hydrock consider these to represent natural variation of the groundwater and do not consider these to represent a significant risk to Controlled Waters.

Cobalt, chromium (III) and nickel are slightly elevated when compared to the EQS. Hydrock do not consider these CoPC to present a significant risk to Controlled Waters as the EQS for these substances relates to the bioavailable concentration, which will be a proportion of the actual dissolved concentrations in water. No site-specific bioavailability testing has been undertaken. However, as the exceedances are marginal, and if bioavailability was taken into account, these CoPC are likely to be lower than the EQS.

Two exceedances of the DWS were reported for boron within the Blisworth Limestone Formation, both within RBH-214 on separate monitoring events. Two exceedances of the DWS were reported for sodium within the Kellaways Sand Member (CBH-101) and Cornbrash Limestone Formation (RBH-201). These DWS exceedances are considered to be relatively sporadic and not considered to represent a significant risk to Controlled Waters.

Nitrate is present at concentrations elevated above the DWS in RBH-110 in water sampled from Superficial Deposits, adjacent to the surface water ditch. In addition, whilst no DWS exceedances, elevated concentrations of nitrate are present in RBH-112 and RBH-113. Hydrock consider this to be a result of application of fertiliser to the arable fields up gradient of the site, with concentration based on water migration to the north and then connecting with the surface water features. Hydrock does not consider this to be a significant risk to Controlled Waters as there are no active licensed groundwater abstractions within 1km of the site.

Once the above CoPC are excluded (as Hydrock believe they do not represent a significant risk to Controlled Waters), the remaining CoPC, which require consideration include chloride, ammonium and ammoniacal nitrogen. These are discussed below:

- With regard to chloride, CBH-110 and CBH-111, installed within the Made Ground - Landfill exceeded the WQT for chloride (generally within two orders of magnitude compared to the WQT). There is no elevated chloride, in any groundwater body, either up gradient, or down gradient of the landfill, and as such, Hydrock does not believe chloride represents a significant risk to Controlled Waters.

- With regard to ammonium and ammoniacal nitrogen:
 - » Boreholes installed within the Landfill – Made Ground (CBH-104, CBH-106, CBH-107, CBH-110 and CBH-111) recorded a number of exceedances with regards to the WQTs for ammonium and ammoniacal nitrogen.
 - » Ammonium and ammoniacal nitrogen are also elevated above the WQTs in CHB-101 installed into the underlying Kellaways Sand Formation and RBH-102, RBH-105 and RBH-108 installed into the underlying Cornbrash Limestone Formation below the landfill, although present at significantly reduced concentrations to that within the landfill.
 - » Boreholes down-gradient of the landfill, installed within the Kellaways Clay Formation (CBH-102) did not record any exceedances with regards to ammonium and ammoniacal nitrogen.
 - » Boreholes down-gradient of the landfill, installed within the Cornbrash Limestone Formation (RBH-103 and RBH-104) indicate that whilst there are some exceedances with regards to ammonium and ammoniacal nitrogen to WQTs above background readings, concentrations are substantially decreased compared to the concentrations within the Made Ground - Landfill. Concentrations within RBH-201 installed in the Cornbrash Limestone Formation were below the WQTs.
 - » Boreholes further down-gradient within the Superficial Deposits associated with the surface water ditch (RBH-110) and the Blisworth Limestone (RBH-109 and RBH-111 where the Cornbrash is no longer present) recorded background ammonium and ammoniacal nitrogen concentrations similar to RBH-106 (up-gradient).
 - » Minor exceedances of the WQT for ammonium and ammoniacal nitrogen are reported in RBH-214 to the west of the Castle Manor Farm complex and RBH-218 in the former Stone Pits in the south-east of the site, although these were within an order of magnitude of the WQTs and are considered to be due to local sources (i.e. not the landfill). As such, these exceedances are not considered to pose a significant risk to Controlled Waters.

Within the area of Castle Manor Farm, there are minor exceedances of the WQTs in RBH-117 with regards to zinc, ammonium, ammoniacal nitrogen and nitrite and RBH-116 with regards to nitrite. These are considered to be local, and not a significant risk to Controlled Waters.

In addition, minor exceedances are present with regard to PAHs (anthracene, benzo(a)pyrene, fluoranthene and sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene and indeno(1,2,3-c,d)pyrene), as well as petroleum hydrocarbon fractions (aliphatic >EC₁₀-EC₁₂ and >EC₁₂-EC₁₆ at 11mg/kg and 19mg/kg respectively). Whilst there are exceedances within groundwater at this location, a surface water sample from the pond adjacent to RBH-117, recorded no exceedances with regards to PAHs or petroleum hydrocarbons. As such, and on the basis that a watching brief will be undertaken for 'gross' hydrocarbon contamination during demolition and enablement works (with any 'gross' hydrocarbons, disposed of off-site), Hydrock do not consider the above exceedances to represent a significant risk to Controlled Waters.

In summary:

- Whilst concentrations of CoPC are elevated above the WQTs, the majority of these are present in upgradient samples, and are considered representative of concentrations within the wider groundwater environment.
- Concentrations of chloride, ammonium and ammoniacal nitrogen are elevated above the WQTs within the landfill. However, rapid degradation and dilution of these elements is occurring as water migrates away from the landfill, both vertically and laterally.
- The underlying Principal Aquifer (Blisworth Limestone Aquifer) appears to be unaffected by CoPC elevated above background concentrations and there are no active licensed groundwater abstractions within 1km of the site.
- Surface waters do not appear to have been impacted by CoPC above background concentrations and there are no active licensed surface water discharge consents or abstractions within 1km of the site.
- Based on the investigation works undertaken to date and subject to agreement with the Environment Agency, Hydrock does not believe the site poses a significant risk to Controlled Waters.

The results of the Controlled Waters risk assessment are summarised on the Controlled Waters Assessment Plan presented in Appendix A (Hydrock Drawing 18443-HYD-XX-ZZ-DR-GE-1020).

3.7 Ground gases risk assessment

3.7.1 Data

It is judged from the available evidence that the gas generation potential at the site is low across the majority of the site and high in the south-west due to the presence of the inert landfill.

The sensitivity of the development is low.

Consequently, and in accordance with CIRIA C665 (Table 5.5a and 5.5b), an appropriate minimum monitoring regime is 12 readings over six months, provided other monitoring requirements are also met, such as prevailing atmospheric pressure conditions (for example, BS 8485:2015+A1:2019 suggests monitoring should include a period of falling atmospheric pressure).

Hydrock has undertaken six monitoring visits as part of the preliminary works, with eight of the additional 18 readings proposed as part of the detailed works having been undertaken to date. As such, the conclusions presented below are considered interim, pending further ground gas monitoring.

3.7.2 Assessment

The risks associated with the ground gases methane (CH₄) and carbon dioxide (CO₂) have been assessed using BS 8485:2015+A1:2019, which cites the guidelines published by CIRIA (Wilson et al 2007) (known as Situation A).

The assessment guidelines published by CIRIA are based on interpretation of the gas concentrations and the gas flow rates, amongst other variables, and are compliant with the model procedures of LCRM (2021).

The modified Wilson and Card assessment has been used by comparing the maximum gas concentrations and gas screening values (GSV) in Appendix C with the published table (CIRIA Table 8.5) and the assessment is summarised in Table 3.5.

The assessment is presented in Appendix C.

In addition, Table 3.5 summarises a ternary plot assessment of the data (assessment of ground gas ratios (O₂ + N₂, CO₂ and CH₄)), undertaken in general accordance with guidance by Wilson et. al. (2018). The ternary plot assessment is presented in Appendix C.

The site is split into two areas based on the conceptual model, ground model and potential sources;

- Landfill – Made Ground in the south-west of the site; and
- The remaining strata across the rest of the site.

Table 3.5: Ground gas risk assessment

	Min	Max	Typical ⁽ⁱ⁾	Comment
Landfill – Made Ground				
Steady Flow Rate (l/hr)	0.1	13.5	<5	-
Methane (%)	0.1	69.3	n/a Highly varied with either significant methane or <1%	118 of 172 readings <1% 15 readings between 1% and 5% 17 readings between 5% and 20% 16 readings between 20% and 50% 6 readings >50%
Carbon Dioxide (%)	0.2	12.2	<10	155 of 172 readings <5% 15 readings between 5% and 10% 2 readings between 10% and 30%
Oxygen (%)	0.3	22.3	>15	-
Carbon Dioxide GSV (l/hr) (worst case)	1.6470			CS2
Methane GSV (l/hr) (worst case)	2.3200			Typically, CS2 (although locally higher).
Remainder of the site				
Steady Flow Rate (l/hr)	0.1	26.0	<5	-
Methane (%)	0.1	0.5	<1	All 477 readings <1%
Carbon Dioxide (%)	0.1	7.9	<5	454 of 477 readings <5% 23 readings between 5% and 10%
Oxygen (%)	0.3	22.1	>16	-
Carbon Dioxide GSV (l/hr) (worst case)	1.3452			CS3 (worst case) Typically CS1/CS2
Methane GSV (l/hr) (worst case)	0.0576			CS1
Notes:				
⁽ⁱ⁾ Hydrock assume that values are considered to be atypical if 95% or more of the remaining data are less than the value under consideration.				

As indicated in Table 3.5, the gas conditions for the various ground scenarios can be classified as follows:

- Natural soils – CS2, with the exception of:
 - » RBH-213 in the centre of the site, which reported CS3 conditions during the initial four visits based on flow rates of between 17l/hr and 23l/hr and CO₂ concentrations around 5%. The subsequent four visits have reported CS2 conditions, with flow rates between 6l/hr and 12l/hr and CO₂ concentrations <5%. Negative pressures were noted within this location during all monitoring visits associated with reducing groundwater levels.
 - » RBH-218 in the area of the Old Pits, which reported CS3 conditions during one visit, based on an anomalously high flow rate for the location of 17.7l/hr and a CO₂ concentration of 7.6%. During the visit, a high relative pressure was recorded which is likely to be the cause of the elevated flow rates. All seven other visits undertaken to date report flow rates <10l/hr and CO₂ concentrations of between 5% and 8%, resulting in CS2 classification.
- Landfill Made Ground – CS2, with the exception of:
 - » CBH-104 which reported CS3 conditions during one visit, based on an anomalously high CH₄ concentration of 13.7l/hr and a flow rate of 7.9%. During the visit, a negative relative pressure was recorded which is also an anomaly in that location. All 13 other visits undertaken to date report flow rates <10.5l/hr and CH₄ concentrations of between 1% and 10%, except the initial visit which reported CH₄ at 18.2%, but at a flow rate of 2.1l/hr, therefore all resulting in CS2 classification.
 - » CBH-106 which reported CS3 conditions on six occasions, based on CH₄ concentrations between 45% and 67%. The eight other visits to date report CS2 conditions. Flow rates in the location are reported between 0.2l/hr and 6.4l/hr.

Further gas monitoring visits are ongoing and the below assessment should be updated following completion of the monitoring programme. However, Hydrock, believe the above is a reasonable assessment based on current site conditions. For the purpose of the assessment, two scenarios are considered:

- The CS classification based on the current ground model.
- The CS classification based on the proposed earthworks to create a development plateau across the site, and to form landscaped bunding.

Based on the current ground model and the data obtained to date, the singular CS3 classification in CBH-104 is not considered significant in the context of the landfill data set, but the landfill area is likely to be classified as CS3 based on the elevated CH₄ concentrations in CBH-106, as it is not considered suitable to apply zoning the landfill area.

For the scenario where the Made Ground - Landfill is proposed for excavation and re-use (under a Waste Recovery Permit) to form the landscaping bund, or as part of the development plots at depth, a CS2 classification is considered to be appropriate at this stage as whilst it does not appear that the landfill contains significant organic materials, any significant organic material present within the Made Ground - Landfill will be removed and disposed of off-site as part of the Waste Recovery Permit.

The remainder of the site would be classified as CS2 under both scenarios, as the trend in RBH-213 is showing that following the initial visits CS2 conditions apply and the singular CS3 classification in RBH-218 is not considered significant in the context of the natural soils data set.

Based on the proposed recovery of the existing landfill materials, and re-use following removal of any obvious organic material, it is recommended that CS₂ ground gas protection measures be allowed for at this stage. Further gas monitoring is recommended following cut to fill works, as the removal of some of the Made Ground - Landfill is expected to remove the source of elevated ground gas concentrations.

The ground gas regime should be re-assessed at this stage, with the final design of ground gas protection (as required) undertaken on the results of post-earthworks monitoring.

Further details with regard to mitigation are provided in Section 3.11.

3.7.3 *Off-site risks from carbon dioxide and methane*

The National Planning Policy Framework (NPPF) requires that a developed site should be incapable of being determined as contaminated land under Part 2A of the Environmental Protection Act 1990. This position includes a consideration of the potential for off-site migration of ground gases that may impact on adjacent properties.

In this case no off-site risks relating to carbon dioxide and methane are present as elevated concentrations are limited to the immediate area of the landfill.

3.8 Volatile organic compounds

No volatile organic compounds have been identified within soil samples submitted for chemical analysis and no further consideration is required.

3.9 Construction materials risk assessment

3.9.1 *Water pipelines*

A formal water pipe investigation and risk assessment is beyond the scope of this report. However, the findings of this investigation have been compared to the threshold values in Water UK HBF (2014), Table 1 as far as is practicable, to give an indication of the possible restrictions to the use of plastic pipes for water supply to the site.

The site is predominantly previously undeveloped, with an area of brownfield (former landfill) in the south-west corner and associated with Castle Manor Farm (and access roads) in the central east. Assessment has indicated no exceedance of the threshold values in the greenfield part of the site.

In the landfill area, a number of the threshold values for PAHs and petroleum hydrocarbons are exceeded. However, the Landfill – Made Ground and the Made Ground at Castle Manor Farm (and access roads) is proposed for excavation and re-use to form the landscaping bund, which will be off the development platform, or be used at depth in the development plots and not within the area where potable water pipes are to be placed.

In this scenario, and subject to agreement with the Water Authority, and subject to confirmation during the cut to fill earthworks, normal HDPE pipework should (subject to validation during the earthworks and subject to agreement with the water authority), be acceptable for the greenfield parts of the site and parts of the site where the former landfill and any man-made Made Ground materials are removed and replaced with clean naturally occurring soils as part of the cut to fill.

If the landfill material is not removed completely (or is replaced below a development platform), subject to the depth of placement and agreement with the Water Authority, it may be possible for the site to be classified as 'dual status', i.e., contaminated and non-contaminated, from the perspective of the

water supply pipe requirements, with standard pipework for the greenfield parts of the site and barrier pipework in the area where the recovered landfill material is re-used. If this is possible, it may be necessary to prepare separate water pipe risk assessments on a plot-by-plot basis in order to demonstrate to the water supply company the suitability of standard polyethylene pipework in greenfield areas.

3.9.2 Other construction materials

Plastic pipes for drains and sewers are manufactured from unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) or polyethylene (PE). These materials may be affected by the presence of organic compounds in the soil.

In accordance with the British Plastics Federation Guidance (August, 2018), as Made Ground – Landfill and the Castle Manor Farm (and access roads) soils are to be managed, so that they are not present in areas where plastic pipes may be placed and the concentrations of PAH, and BTEX are below 100mg/kg and the concentrations of petroleum hydrocarbons (TPH) are below 200 mg/kg PVC-U, PP or PE pipework is considered suitable.

If Made Ground is not managed / recovered to landscape areas, or at depth, away from areas where plastic pipes may be placed, upgraded pipework may be required.

3.10 Findings of the generic risk assessments

The potential sources, pathways and receptors identified in the Desk Study (18443-HYD-XX-XX-RP-GE-1002) have been investigated (18443-HYD-XX-XX-RP-GE-1003) and assessed (Sections 3.3 to 3.8). A Pollutant Linkage (PL) assessment has been undertaken and is presented in Appendix E (Table E.2).

The main features of the site are summarised on the Site Features Plan presented in Appendix A (Hydrock Drawing 18443-HYD-XX-ZZ-DR-GE-1003).

A summary of the SPR contaminant linkages for which the risks may be unacceptable and require mitigation (those that are moderate or higher) are discussed in Table 3.6.

Table 3.6 assumes that the findings of the report (specifically with regards to the Controlled Waters Risk assessment) are agreed by the regulators as not requiring further consideration (mitigation). If this assumption is not agreed during regulatory discussions, the conclusions as noted in will need to be updated.

Table 3.6: Residual risks following risk evaluation

Contaminant Linkage				Comments	
PL	Sources	Pathways	Receptors	General	Mitigation
PL 1.	All Made Ground, present at the site.	Inhalation of fibres.	Site users.	Asbestos fibres (up to 0.002%) are present sporadically within the topsoil above the landfill, within the landfill and in the Made Ground at Castle Manor Farm. Rare ACM identified at the site surface.	ACM may be present in the Made Ground and a watching brief should be undertaken. If ACM is observed it should be removed and disposed of off-site.

Contaminant Linkage				Comments	
PL	Sources	Pathways	Receptors	General	Mitigation
PL 2.	All Made Ground, present at the site.	Direct Contact	Water Supply Pipes Plastic pipework	The soils contain sporadic PAH and petroleum hydrocarbons above the threshold for water supply pipes.	All Made Ground materials containing significant man-made constituents will be placed away from potable water routes and suitable materials used in service trenches.
PL 3.	Ground gases (carbon dioxide and methane) from organic materials in the Made Ground	Migration and build up leading to asphyxiation or explosion.	Site users.	Preliminary data assessment indicates a conservative assessment of CS3 conditions are recorded in the south-west of the site, in the Made Ground - Landfill, and CS2 across the remainder of the site, based on the current ground model.	Based on site levels it is anticipated the Made Ground - Landfill will be excavated, recovered and managed within landscaped bunds, or as part of the bulk earthworks at depth in development plots, following removal of any significant organic material. Allow CS2 gas protection at this stage. However, confirmatory monitoring will be required post-earthworks.
PL 4.	Asbestos within existing buildings and structures around Castle Manor Farm & other buildings in the west	Inhalation of fibres.	Site users. Neighbours.	Asbestos may be present in existing buildings.	Asbestos building survey to be undertaken. If present, careful removal will be required from buildings during demolition. Removal under controlled conditions should limit release of fibres to the air and the ground.

3.11 Mitigation measures

The outline remediation strategy presented below is provided for guidance only, and does not represent a 'Remediation Options Appraisal', or a 'Remediation Strategy', prepared in accordance with LCRM (2021).

As described in Table 3.6 (and subject to regulatory agreement), Hydrock consider the following mitigation is required to ensure the site is suitable for use for the proposed end use. These mitigation works will be undertaken in a number of phases and take into account the proposed final end levels, as well as the need for re-use of materials across site in which the waste, and secondary materials will be excavated, treated and rendered suitable for use to construct the landscaped bunds and as part of the development plateau as necessary. These can be separated into:

- Demolition Phase;
- Enablement Phase; and
- Construction Phase.

There will also be a requirement to undertake works to ensure the site is geotechnically suitable.

The methodology for the remediation should be presented in a Remediation Strategy (which will include the 'Implementation Plan' and a 'Verification Plan'. Based on the risk assessment undertaken (and with regard to the geo-environmental risk in accordance with planning and LC:RM), Hydrock do not believe a 'Long Term Monitoring and Maintenance Plan' is required.

The Remediation Strategy and Verification Plan will need to be submitted to the warranty provider and the regulatory authorities for approval.

It should be noted that a Monitoring Plan is likely to be required for the Deposit for Recovery Plan. However, this can not be defined at the current time and is dependant upon ongoing discussions with the Environment Agency Waste teams.

The regulatory regime for waste and materials management will need to be agreed with the regulators. However, at this stage, it is envisaged the works would be managed by the following processes:

- Recovery, treatment and re-use of licensed waste materials via a Waste Recovery Plan and a Deposit for Recovery permit;
- Recovery, treatment, and re-use of other contaminated materials via deployment of a Mobile Treatment Permit;
- Excavation and re-use of clean, naturally occurring materials under a Materials Management Plan prepared in accordance with the Definition of Waste Code of Practice.

Site audits and verification reports by a suitably qualified independent geo-environmental specialist will be required following completion of any remedial works (including, materials management/waste recovery, earthworks and ground gas membrane installation).

3.11.1 Demolition Phase

The existing buildings and associated infrastructure require demolition and the following works are considered necessary during the Demolition Phase of works:

- The undertaking of a demolition asbestos survey for the Castle Manor Farm area, buildings in the west and the surrounding fields.
- Site clearance / removal and any surface rubbish.
- Removal of asbestos by specialist Contractors in accordance with the asbestos survey and relevant legislation.
- Removal of ASTs and associated pipework.
- Demolition of site buildings and ancillary structures to slab level.
- Processing the demolition arisings to a suitable specification in accordance with the WRAP 'Quality Protocol: Aggregates from inert waste'.

3.11.2 Enablement Phase

The following works are considered necessary during the Enablement Phase of works:

- Break out of all hardstanding and below ground obstructions and processing for reuse in accordance with a suitable specification.
- Removal of below ground tanks, existing drainage system and associated pipework.

- Examination of soils below and around all potential point sources (tanks, drums, pipes, drains and areas of staining).
- Excavation, segregation and treatment (or recovery), of Made Ground soils containing man made constituents) in accordance with an appropriate permit/plan for re-use of soils within the landscaping bund.
- Excavation of Made Ground and natural soils as required to allow construction with appropriate materials management (permit/plan), recovery and processing of excavated soils using a combination of excavation and stockpiling and screening of soils, with placement to an Earthworks Specification, to leave the site at the formation level.
- A site watching brief during excavation of soils for ACM (specifically within the area of Castle Manor Farm, buildings in the west, farm tracks, the 'Old Stone Pits' and the historical landfill.
- Off-site disposal of unsuitable or excess material.
- Verification during enablement works (including confirmation that excavations in the south-west have encountered natural soils).

3.11.3 Construction Phase

The Construction Phase of works will comprise:

- Appropriate materials handling and stockpiling in accordance with a Construction Stage MMP.
- Installation of barrier pipe (if services are founded within Made Ground soils).
- Installation of ground gas mitigation measures as required following re-assessment post earthworks.

3.12 Contamination risks to ground workers

3.12.1 Introduction

Whilst risks to construction workers are not discussed in detail, the following section discusses potential risks that should be considered.

Information presented in this document is provided to assist in managing the risk associated with contamination in soil and groundwater at the site but is not definitive. The Contractors are responsible for undertaking their own assessments and assessing what risks are present and what control measures are required.

Task specific risk assessments and method statements should be in place, and risks and required mitigation measures communicated to all relevant personnel prior to the works commencing. Appropriate personal protective equipment (PPE) and, if required, respiratory protective equipment (RPE) should be provided and utilised.

3.12.2 Metals, metalloids, PAH and petroleum hydrocarbons

The soils contain metals, metalloids, PAH and petroleum hydrocarbons, recorded locally across the site (although below the GACs for a commercial end use), notably in landfill areas in the south-west and around Castle Manor Farm in the central east of the site and potentially in the former stone pits in the south-east.

3.12.3 *Ground Gas*

It is noted that concentrations of carbon dioxide (an asphyxiant) in the soil exceed HSE Workplace Exposure Limits for personnel in the working environment of 1.5% for short term (15 minutes) exposure and / or 0.5% for long term exposure. Furthermore, soil concentrations of oxygen have been recorded below the HSE recommendations of 18%.

Soil gas concentrations are not necessarily reflected by those in the breathing zone, as such, all Contractors and maintenance workers should be made aware of the possible presence of carbon dioxide and methane and should take all necessary health and safety precautions when working in trenches or confined spaces.

3.12.4 *Asbestos*

Sporadic visible fragments of suspected asbestos cement sheeting have been identified during the walkover around farm buildings and during the ground investigation (one location on surface) and low concentrations of asbestos fibre (up to 0.002%) has been identified in sporadic soil samples during the laboratory testing of soils.

All site staff should be made aware that there is a likelihood of encountering further asbestos containing materials within Made Ground anywhere on the site, and at any stage of the development. It is advised that the Contractor should supply suitable and sufficient 'Asbestos Awareness' training (specific to asbestos in soils) to all site staff who could foreseeably encounter ACM materials during the course of their work.

The Contractor for each stage of works must undertake a suitable and sufficient Risk Assessment in accordance the Regulation 6 of the Control of Asbestos Regulations 2012 (CAR2012). The results of the assessment should be used to compile a methodology in accordance with Regulation 7 of CAR2012, which limits potential exposure and spread of asbestos fibre. Appropriate training should be provided to all site staff identified within the risk assessment as having the potential to be exposed or encounter asbestos during their work in accordance with Regulation 10 of CAR2012.

It is the responsibility of the Contractor to ensure that mitigation measures are suitable and sufficient to prevent exposure to airborne asbestos so far as is reasonably practicable in accordance with Regulation 11 of CAR2012. It is recommended that any asbestos cement sheeting encountered is handpicked under controlled conditions in accordance with HSG210 'Asbestos Essentials'. Hand picking needs to be undertaken by suitably qualified Contractors in accordance with HSE guidance and an Environmental Permit. All ACM must be suitably packaged, placed in a dedicated, covered and lockable skip pending off-site disposal to a suitably licensed waste facility.

The Contractors for each stage of works must manage the risks in accordance with HSE Guidance and CAR 2012. However, the asbestos fibres detected at the site are within a soil matrix, and if this is kept damp, this should assist in minimising the risk of the release of airborne fibres.

4. WASTE AND MATERIALS MANAGEMENT

4.1 Introduction

The Waste Framework Directive (WFD) (2009/98/EC) defines waste as ‘any substance which the holder discards or intends to discard.’ In a geo-environmental context, the waste is most often ‘soil’ and the two main scenarios are offsite disposal of the material as a waste and/or reuse of the material on site. For cost and sustainability reasons, reuse is preferred to off-site disposal.

Section 4.2 below describes the key issues relating to off-site disposal to landfill and Section 4.3 considers requirements relating to reuse of soils and materials management / recovery.

4.2 Waste disposal

4.2.1 Principles

Based on the WFD, any material excavated on site may be classified as waste and it is the responsibility of the producer of a material to determine whether or not it is waste. Where off-site disposal is undertaken, the following guidance applies.

Classification is a staged process:

- A hazardous waste is defined under the WFD as one which possesses one or more of fifteen defined hazardous properties. If a waste is not defined as hazardous, then it is non-hazardous.
- Where the materials are soil, it is then be assigned using the ‘List of Waste Codes’, which classifies the material as either:
 - » hazardous (17-05-03), which is defined as “soil and stones containing hazardous substances”; or
 - » non-hazardous (17-05-04), which is defined as “soil and stones other than those mentioned in 17-05-03”.
 - » Hydrock utilise the proprietary assessment tool, HazWasteOnline™ to undertake this assessment.
- Waste Acceptance Criteria (WAC) testing is then undertaken if required, and are only applicable following classification of the waste, and only where the waste is destined for disposal to landfill. The WAC are both qualitative and quantitative. The WAC and the associated laboratory analyses (leaching tests) are not suitable for use in the determination of whether a waste is hazardous or non-hazardous.

It should be noted that some non-hazardous wastes may be suitable for disposal at an inert landfill as non-hazardous waste, subject to meeting the appropriate waste acceptance criteria.

It should be noted that classification must be undertaken on the waste produced, by the waste producer. Necessary sampling frequency to adequately characterise a soil population is defined within WM3.

4.2.2 HazWasteOnline™ assessment

As the site is brownfield, in order to inform the preliminary waste characterisation process, Hydrock has undertaken an exercise using the proprietary web-based tool HazWasteOnline™. The output of the HazWasteOnline™ assessment is provided in Appendix E and a summary of the preliminary waste classification is provided below in Section 4.2.4.

It should be noted that some of the soil samples assessed as part of the HazWasteOnline™ are classified as potentially hazardous on account of the designation ‘HP4i’ (with regards to petroleum hydrocarbons). However, based upon carbon banding of the TPH, the findings of the investigation and the way the petroleum hydrocarbons are distributed within the soil, it is likely that the potential for the soil being hazardous on account of HP4i can be all but discounted and it would be reasonable to assume that the result would indicate that the soil, would be non-hazardous as a result of designation ‘HP4i’.

4.2.3 WAC Testing

The site is brownfield. However, WAC testing has not been undertaken to date but will be required on the excavated soils that are to be disposed of, to assist with waste disposal options prior to disposal. A summary of the preliminary waste disposal options is provided below in Section 4.2.4.

4.2.4 Preliminary waste disposal options

The site is a mixture of greenfield and brownfield land. Whilst it is anticipated that very little excavated soil (if any) will be disposed of as waste, if waste disposal is required, based on the site history, WAC testing and the HazWasteOnline™ assessment, and if suitable segregation of different types of waste is put in place for soils to be disposed of, it is considered that:

- The natural uncontaminated subsoils are classified as non-hazardous and likely classified as ‘inert’ waste and should be disposed of at an inert landfill.
- The ‘General’ Made Ground is likely to be classified as non-hazardous waste but locally recorded as hazardous in HP124 at 0.50m bgl on account of a TPH level at 2,481mg/kg and TP309 at 2.95m bgl on account of a zinc level at 5,500mg/kg.
- The ‘Landfill Type’ Made Ground present in the south-west of the site is likely to be classified as a mixture of inert and non-hazardous but is locally recorded as hazardous in TP103 at 2.20m bgl on account of a TPH level at 1,500mg/kg.
- Any soils containing > 0.1% asbestos or visible asbestos containing materials would be considered as hazardous.

4.2.5 General waste comments

It should be noted that:

- It is the waste producer’s responsibility to segregate the waste at source and waste producers must not mix waste materials/streams or dilute hazardous components, for example by mixing with less or non-hazardous waste on site to meet WAC limit values.
- The above preliminary assessment has been made on the basis of the soils tested as part of the ground investigation, using the HazWasteOnline™ assessment. However, the formal classification of waste can only be undertaken on the material to be disposed of, and by the waste producer and the receiving landfill as license conditions vary from landfill to landfill.
- Basic Characterisation should be undertaken in accordance with Environment Agency guidance by the waste producer. Hydrock can assist if required and this report will assist the characterisation. However, Basic Characterisation does not form part of the current commission and would require further assessment and testing on the wastes actually to be disposed.
- Once the waste producer has undertaken an initial Basic Characterisation on each waste stream, they can manage the soils as part of the on-site processing programme (for example, stockpiling,

treatment, screening and separation). The waste producer and landfill operator will then need to agree the suite of compliance testing for regularly generated waste to demonstrate compliance with the initial Basic Characterisation prior to disposal.

- At the time of disposal, additional testing on the excavated soils to be disposed of, will likely be necessary.
- Non-hazardous and hazardous soils require pre-treatment (separation, sorting and screening) prior to disposal.
- The costs for disposal of non-hazardous and hazardous soils are significant compared to disposal of inert material.
- In addition to disposal costs, landfill tax will be applicable. Non-hazardous and hazardous waste will generally be subject to the Standard Rate Landfill Tax. Inert or inactive waste will generally be subject to the Lower Rate Landfill Tax. The landfill tax value changes each April and can be found at <https://www.gov.uk/government/publications/rates-and-allowances-landfill-tax/landfill-tax-rates-from-1-april-2013>.
- Before a waste producer can move waste to a landfill site for disposal, they need to check the landfill site has the appropriate permit and must have completed the following¹:
 - » Duty of care transfer note / Hazardous Waste consignment note, including comment as to if pre-treatment has been undertaken; and
 - » Basic Characterisation of the waste, to include: description of the waste; waste code (using list of wastes); composition of the waste (by testing, if necessary) and; WAC testing (if required).

4.3 Materials management / waste recovery

Significant cut and fill earthworks will be required to form the development platforms for the distribution warehouses, visual screening bunds, drainage ponds and associated infrastructure.

The proposed cut area is generally along the north-western boundary, western boundary and southern western boundary of the site (up to between 10m and 11m bgl) and decreasing towards the centre of the site at a plateau level of between 54.0m OD – 55.0m OD.

Hydrock also understands that the surface water balancing ponds in the north of the site will be formed by cutting below the existing ground level. A water course diversion is planned to the east and north of the site (on the outside of the landscape bund).

As part of the earthworks, there is to be the placement of up to 8 metres of engineered fill in the central north of the site with fill along the south eastern boundary and eastern boundary. Further filling of up to 10.5m is required to create landscape bunds in the north and 7.5m in the east around the site.

The soils present on site are a mixture of: clean naturally occurring uncontaminated soil, General Made Ground and landfill.

With regard to the proposed earthworks, it is assumed that:

- All site won materials will be utilised in the earthworks and landscaping, after having determined their suitability.

¹ ENVIRONMENT AGENCY. November 2010. Guidance on waste acceptance procedures and criteria. Waste acceptance at landfills. The Environment Agency.

- For any materials found to be unsuitable for re-use in their excavated conditions, consideration will be given to the feasibility of treatment to make them suitable, or for them to be used in other, less sensitive, ways, such as landscaping rather than as engineered fill.
- A cut-to-fill volume balance will be aimed for during the design to minimise production of excess soil from the site, which would otherwise need to be disposed of as waste, or the need to import materials from off site to make up embankment levels.
- The above methodology is aimed at making the development as sustainable as possible.

A proposed cut and fill plan (Stafsurv Land Surveyors. Ref 11527-b) is provided in Appendix A. This is likely to be subject to change depending on final layouts and formation levels.

The regulatory regime for waste and materials management will need to be agreed with the regulators. However, at this stage, it is envisaged the works would be managed by the following processes:

- Recovery, treatment and re-use of licensed waste materials via a Waste Recovery Plan and a Deposit for Recovery permit;
- Recovery, treatment, and re-use of other contaminated materials via deployment of a Mobile Treatment Permit;
- Excavation and re-use of clean, naturally occurring materials and General Made Ground under a Materials Management Plan prepared in accordance with 'The Definition of Waste: Development Industry Code of Practice', Version 2 (CL:AIRE), known as the DoWCoP.

The reuse (and recovery) of soils at the site will require careful design, along with detailed discussions and agreement with the regulators on which regulatory framework applies to the various types of soils present at the site.

For details with regards the requirements to be undertaken during this process the Waste Recovery Plan should be consulted, no details related to waste recovery are provided in this report.

It is proposed that a Regulatory Framework for Materials Management (RFMM) document is prepared, which will set out how excavated materials will be regulated. This will be discussed and agreed with the regulators, before further detailed plans are produced.

Following agreement of the RFMM, and in negotiation with the regulators, a Waste Recovery Plan will be written to document how the landfill material will be 'recovered'. The Waste Recovery plan would then form the basis for the application for the Deposit for Recovery Permit, which will form part of the Contractors permitting works.

In addition, a Draft MMP will be written to demonstrate how materials outside the landfill (both natural soils and General Made ground) are to be excavated and re-used to demonstrate they are not a waste. The MMP will not be declared at this stage, with the declaration (and associated declaration costs and levies) will form part of the Contractors permitting works.

Once all material movements have been completed a verification report must be produced and provided to the regulators.

5. UNCERTAINTIES AND LIMITATIONS

5.1 Site-specific comments

For both the preliminary and detailed investigations, access to the area around Castle Manor Farm was limited.

The scheduled monitoring is ongoing but is sufficient at this stage to characterise the site in accordance with CIRIA Report 665.

5.2 General comments

Hydrock Consultants Limited (Hydrock) has prepared this report in accordance with the instructions of Equites Newlands (Thrapston East) Limited (the Client), by e-mail dated 21st June 2021 to Allan Bell under the terms of appointment for Hydrock, for the sole and specific use of the Client and parties commissioned by them to undertake work where reliance is placed on this report. Any third parties who use the information contained herein do so at their own risk. Hydrock shall not be responsible for any use of the report or its contents for any purpose other than that for which it was prepared or for use of the report by any parties not defined in Hydrock's appointment.

This report details the findings of work carried out between June 2021 and April 2022. The report has been prepared by Hydrock on the basis of available information obtained during the study period. Although every reasonable effort has been made to gather all relevant information, not all potential environmental constraints or liabilities associated with the site may have been revealed.

Hydrock has used reasonable skill, care and diligence in the design of the investigation of the site and in its interpretation of the information obtained. The inherent variation of ground conditions allows only definition of the actual conditions at the locations and depths of trial pits and boreholes at the time of the investigation. At intermediate locations, conditions can only be inferred.

Groundwater data are only representative of the dates on which they were obtained and both levels and quality may vary.

Information provided by third parties has been used in good faith and is taken at face value; however, Hydrock cannot guarantee its accuracy or completeness.

Hydrock is not responsible for any factual errors or omissions in the supplied data, or for the opinions and recommendations of others. It is possible that the conditions described may have since changed through natural processes or later activities.

The work has been carried out in general accordance with recognised best practice.

Unless otherwise stated, no assessment has been made for the presence of radioactive substances or unexploded ordnance.

Where the phrase 'suitable for use' is used in this report, it is in keeping with the terminology used in planning control and does not imply any specific warranty or guarantee offered by Hydrock.

The chemical analyses reported were scheduled for the purposes of risk assessment with respect to human health, plant life and controlled waters as discussed in the report. Whilst the results may be useful in applying the Hazardous Waste Assessment Methodology given in Environment Agency Technical Guidance WM3, they are not primarily intended for that purpose and additional analysis will be required at the time of disposal to fully classify waste. Discussion and comment with regards to

waste classification are preliminary and do not form the requirements of 'Basic Characterisation' as required.

Unless otherwise stated, at the time of this investigation the future routes of water supply pipes had not been established. This investigation and sampling strategy may not be fully compliant with UKWIR recommendations. Consequently, a targeted investigation and specific sampling and chemical testing may be required at a later date once the routes of the supply pipes are known. In addition, it is recommended that the relevant water supply company be contacted at an early stage to confirm its requirements for assessment, which may not necessarily be the same as those recommended by UKWIR.

Whilst the preliminary risk assessment process has identified potential risks to construction workers, consideration of occupational health and safety issues is beyond the scope of this report.

Please note that notwithstanding any site observations concerning the presence or otherwise of archaeological sites, asbestos-containing materials or invasive weeds, this report does not constitute a formal survey of these potential constraints and specialist advice should be sought.

Any site boundary line depicted on plans does not imply legal ownership of land.

6. RECOMMENDATIONS FOR FURTHER WORK

The site investigation works detailed in Sections 1 to 5 in this report are deemed sufficient to allow detailed design.

The following works (to be completed post planning) will be required to allow construction:

- Specification of the geotechnical works to allow construction of the development platforms including cuttings, embankments, slopes, retaining walls and other elements.
- Writing of a Remediation Strategy and Verification Plan.
- Writing of a Regulatory Framework for Materials Management (RFMM) document and agreement with regulatory authorities.
- Writing of a Waste Recovery Plan and agreement with regulatory authorities.
- Writing of a MMP for, with a Qualified Person declaration.
- Watching brief audits by an independent, competent persons during the remediation and earthworks.
- Validation of the works by the Contractor.
- Verification of the earthworks and remediation/materials management by suitably qualified, independent, competent persons.

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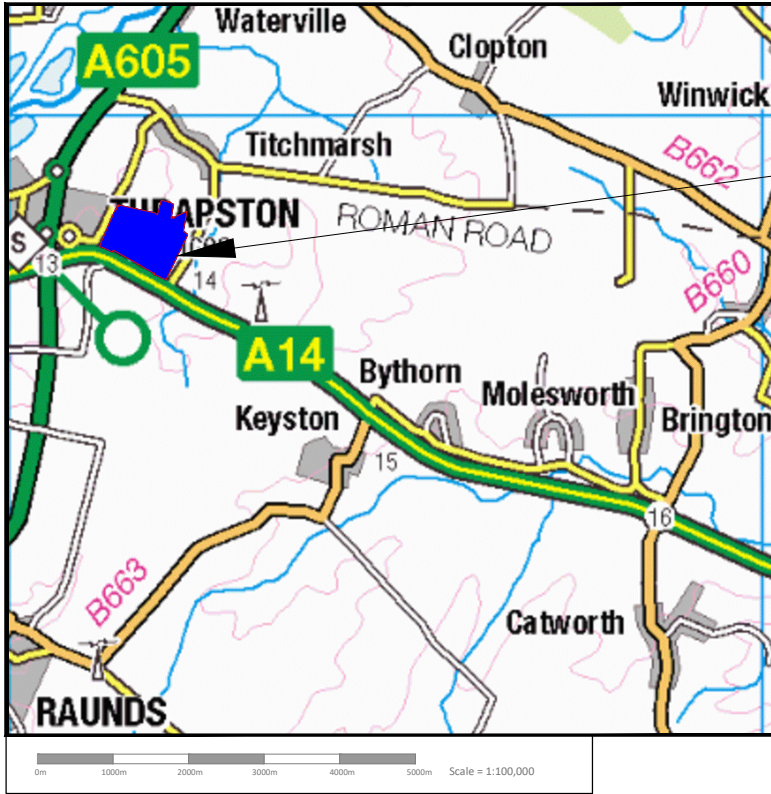
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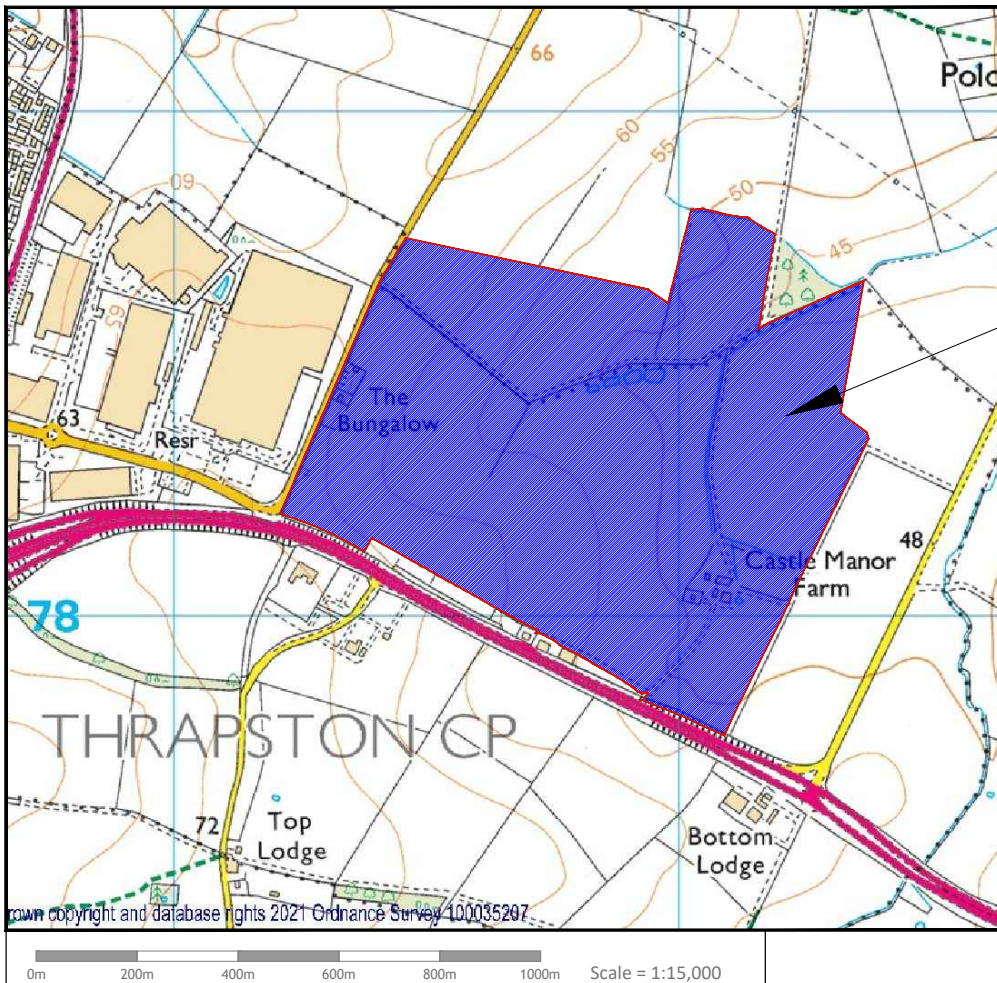
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Appendix A Drawings



THE SITE



THE SITE

PO3	Client Name Updated					
	NT	15.12.21	NT	15.12.21	AB	15.12.21
PO2	FIRST ISSUE					
	SD	08.11.21	NT	08.11.21	AB	08.11.21
PO1	REVISION NOTES/COMMENTS					
	SD	16.08.21	NT	16.08.21	AB	16.08.21
REV.	DRAWN BY					
	DATE	CHECKED BY	DATE	APPROVED BY	DATE	
<p>Hawthorn Park Holdenby Road Sparton Northampton NN6 8LD TEL: 01604 842 888 E-Mail: northampton@hydrock.com or visit www.hydrock.com</p>						
CLIENT						
Equites Newlands (Thrapston East) Limited						
PROJECT						
LAND ADJACENT HALDENS PARKWAY THRAPSTON						
TITLE						
SITE LOCATION PLAN						
HYDROCK PROJECT NO. C-18443-C				SCALE @ A4 See Drawing		
PURPOSE OF ISSUE SUITABLE FOR INFORMATION						STATUS S2
DRAWING NO. (PROJECT - ORIGINATOR VOLUME LEVEL TYPE ROLE NUMBER) 18443-HYD-XX-ZZ-DR-GE-1001						REVISION PO3



OVERALL RED LINE AREA
74.83 ha / 184.90 acres

PLOT 1 BOUNDARY

- Legend:**
- Outline Application Red Line
 - - - - Detailed Plot 1 Application Red Line

Revisions:

P03	Additional land for biodiversity added	27.10.21 RM
P04	Red line amended to Titchmarsh roadway	03.11.21 RG
P05	Substation included within Plot 1 Area	16.12.21 RG
P06	Red line to Plot 1 updated	04.01.22 RG
P07	Status of drawing updated to Planning	11.01.22 RG
P08	Road names & Legend added	31.01.22 RG



The Old Rectory Rectory Lane Milton Malsor
 NORTHAMPTON NN7 3AQ
 t: +44 (0)1604 859916 f: +44 (0)1604 859123
 www.peter-haddon.com



HUNTINGDON ROAD
THRAPSTON

LOCATION PLAN

Status	PLANNING
Drawn by :	RG
Checked by :	RM
Date	01/04/2021

Document Number:

Project Code	Zone	Level/Info	Type	Role	Job No.	Dwg No.	Revision
HRT-PHP-01-XX-DR-A-4432-016-P08							

Scale@ A1 1:2000

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 Discrepancies to be reported before proceeding.

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Areas Schedule										Parking and docks - figures quoted are minimum, plots may allow additional.					Plot Areas	
Plot No.	Warehouse GIA SQFT	Warehouse GIA SQM	Offices GIA SQFT	Offices GIA SQM	Hub Office SQFT	Hub Office SQM	Total GIA SQFT	Total GIA SQM	Car Parking @1/120sqm	HGV Parking	Docks	Level Access	cycles	PTW's	Plot Areas	
1	500000	46451	25000	2323	10000	929	535000	49704	414	142	68	8	100	16	11.061 ha / 27.09 acres	
2	360000	33445	15000	1394	5000	465	380000	35304	294	85	48	8	70	12	8.145 ha / 20.13 acres	
3	594000	55184	25000	2323	10000	929	629000	58436	487	201	72	8	117	18	13.130 ha / 32.44 acres	
4	550000	51097	25000	2323	10000	929	585000	54348	454	202	72	8	109	17	13.043 ha / 32.23 acres	
Total	2,004,000	186,177	90,000	8,363	35,000	3,252	2,129,000	197,790	1649	630	260	32	396	63		



- Existing Farm Track retained
 - Re-routed Farm Track
 - Existing Farm Track to be removed
 - Potential Greenway Route
 - Proposed on-site Permissive Route
 - Potential off-site Permissive Route
- Revisions:
- | | | |
|-----|--|-------------|
| P14 | Permissive Routes added | 04.01.22 RG |
| P15 | Update to correct parking no. discrepancy | 06.01.22 RG |
| P16 | Status updated to Planning | 17.01.22 RG |
| P17 | Minor correction to rounding within Areas stated | 31.01.22 RG |
| P18 | Foul Pumping Station added. | 03.02.22 RG |



The Old Rectory Rectory Lane Milton Malsor
 NORTHAMPTON NN7 3AQ
 t: +44 (0)1604 858916 f: +44 (0)1604 859123
 www.peter-haddon.com

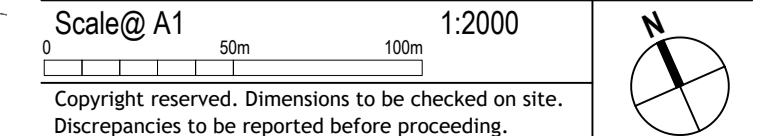


**HUNTINGDON ROAD
 THRAPSTON**

**INDICATIVE MASTERPLAN
 AND PLOT 1 DETAILS**

Status	PLANNING
Drawn by :	RG
Checked by :	RM
Date	01/04/2021

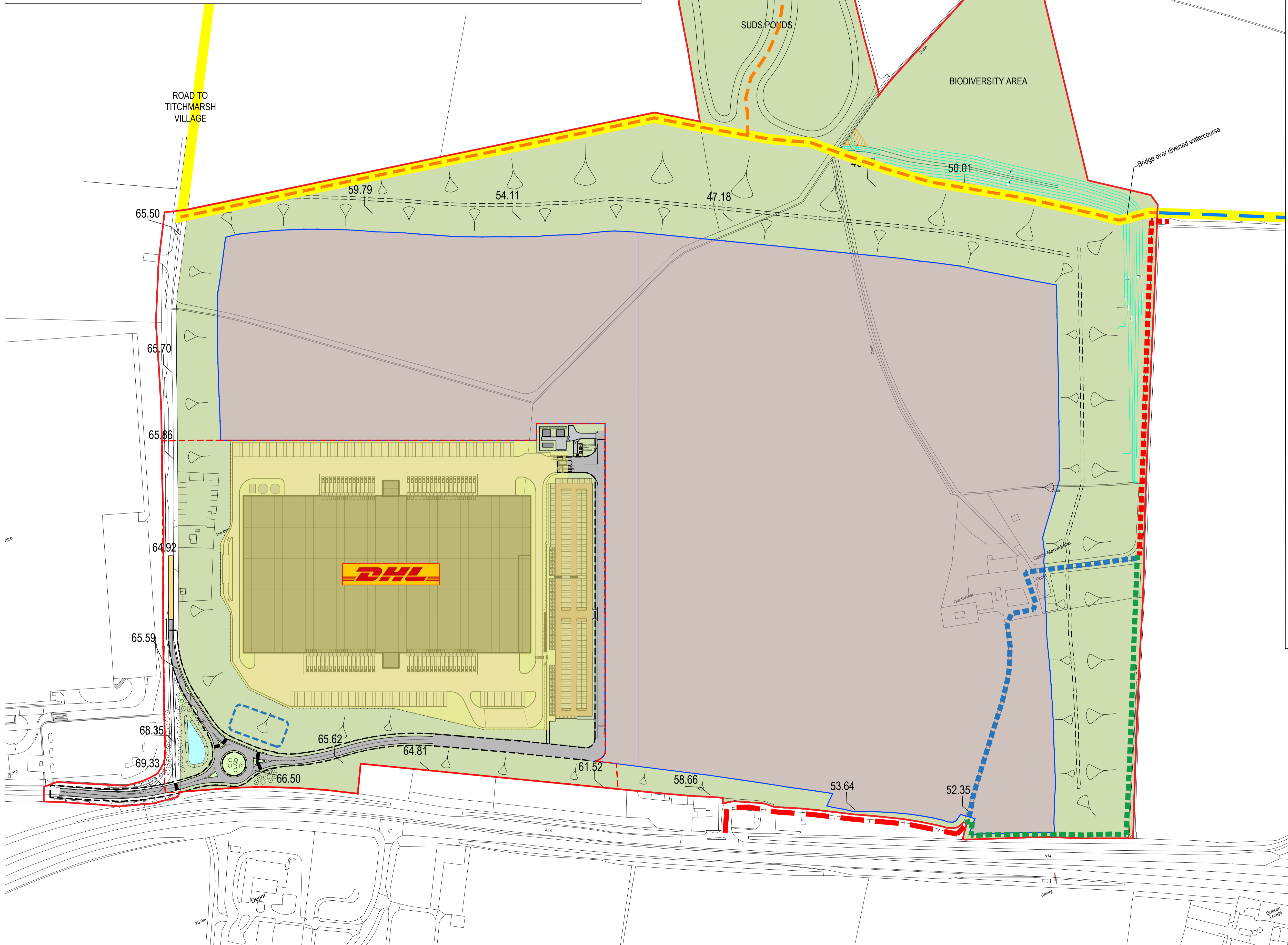
Document Number:
 HRT-PHP-01-XX-DR-A-4432-012-P18



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SCHEDULE OF PARAMETERS

Development Zone	Number of Units	Maximum development floor space per Zone in m ²	Minimum to Maximum finished floor level (in m above ordnance datum)	Maximum building height measured to roof ridge / highest point (in metres above ordnance datum)
Plateau Area	2 to 6	200,000	54.50 to 55.50	79.50



LEGEND

- Landscaping, Biodiversity and SUDS zone Including Earth Bunding & Batters 40.3ha / 99.68ac
- New Road and Roundabout Zone
- Development Plateau Including Plot 1 34.49ha / 85.25ac
- Farm Buildings to be Demolished to the East of the site
- Bungalow and associated buildings to the West of the site
- Area for Development Signage
- Existing Site Levels AOD
- Bund to North and West Boundary
- Embankments to Create Buiding Plateau
- Drainage Ditch to the NE Boundary
- Plot 01 (plot layout to be approved by detailed drawings and plan)
- Detailed Site and Plot 01 Access
- Existing Farm Track retained
- Re-routed Farm Track
- Existing Farm Track to be removed
- Potential Greenway Route
- Proposed on-site Permissive Route
- Potential off-site Permissive Route

Revisions:

P17	Red line amended to Titchmarsh roadway	03.11.21 RG
P18	Substation included within Plot 1 Area	16.12.21 RG
P19	Permissive routes added.	04.01.22 RG
P20	Status of drawing updated to Planning	17.01.22 RG
P21	Key updated. Farm buildings shown for clarity	31.01.22 RG
P22	Foul Pumping Station added.	03.02.22 RG



The Old Rectory Rectory Lane Milton Malsor
 NORTHAMPTON NN7 3AQ
 t: +44 (0)1604 858916 f: +44 (0)1604 859123
 www.peter-haddon.com



**HUNTINGDON ROAD
 THRAPSTON**

PARAMETERS PLAN

Status	PLANNING
Drawn by :	RG
Checked by :	RM
Date	01/04/2021

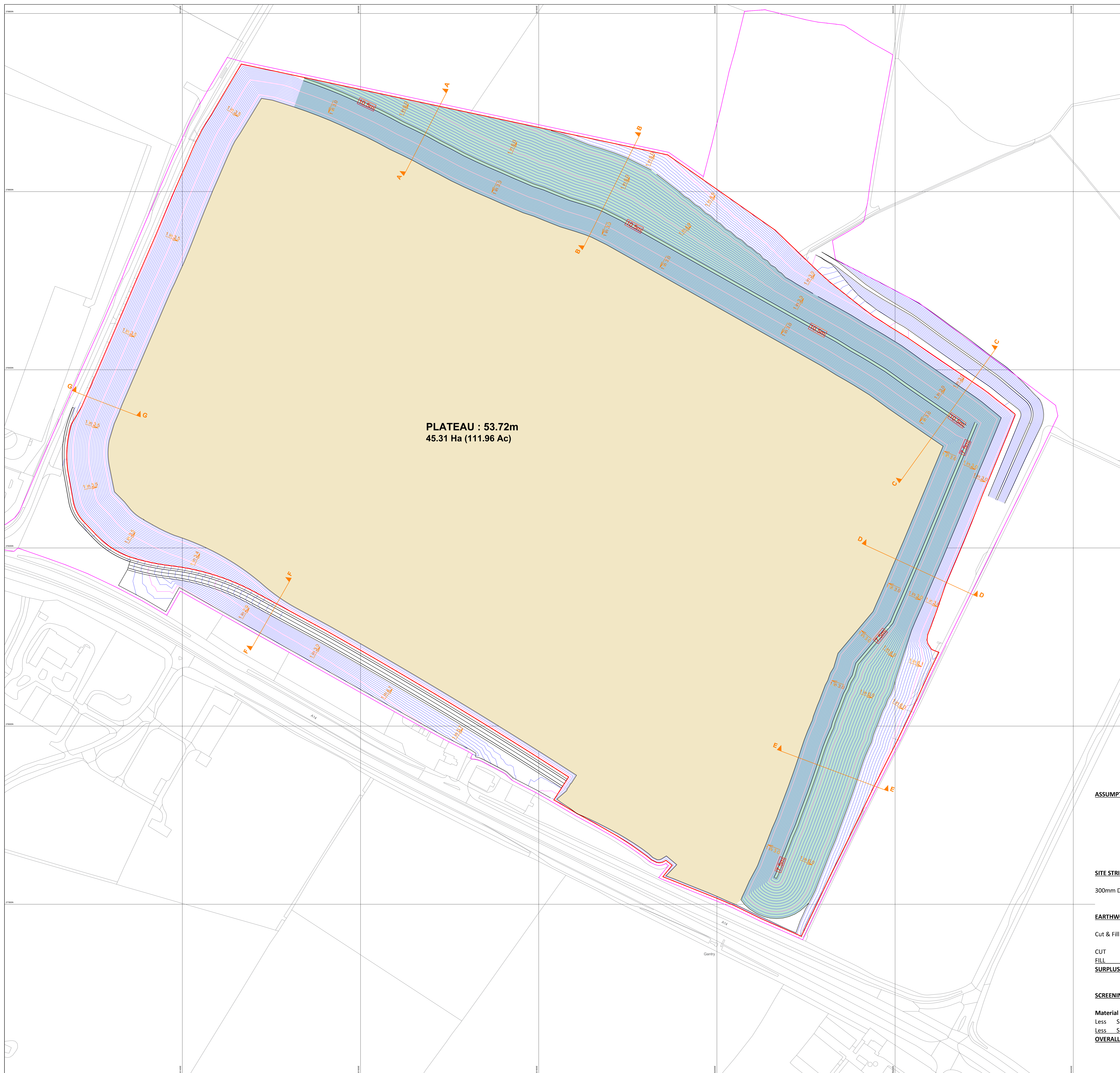
Document Number:

Project Code	Size	Level Info	Type	Role	Job No.	Dwg No.	Revision
HRT-PHP-01-XX-DR-A					4432-014	P22	

Scale@ A1 1:2000

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PLATEAU : 53.72m
45.31 Ha (111.96 Ac)

A
Datum 45.00m

Chainage	0+000	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	1+000	
DESIGN	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72
OGL	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72

B
Datum 45.00m

Chainage	0+000	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	1+000	
DESIGN	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72
OGL	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72

C
Datum 45.00m

Chainage	0+000	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	1+000	
DESIGN	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72
OGL	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72

D
Datum 45.00m

Chainage	0+000	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	1+000	
DESIGN	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72
OGL	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72

E
Datum 45.00m

Chainage	0+000	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	1+000	
DESIGN	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72
OGL	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72

F
Datum 45.00m

Chainage	0+000	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	1+000	
DESIGN	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72
OGL	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72

G
Datum 45.00m

Chainage	0+000	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	1+000	
DESIGN	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72
OGL	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72	53.72

ASSUMPTIONS : Plateau Batters are 3m Offset from Existing Boundaries
North and East Outer Batters are at 1:6
South & West Plateau Batters are at 1:3.5
Mound & Plateau Batters Adjacent to Watercourse are at 1:3
Inner Face of Screening Mounds are at 1:3
Northern Mound is 10.5m High From Plateau Level
Eastern Mound is 7.5m High From Plateau Level

SITE STRIP :
300mm Deep Site Strip (642,751m³) **192,825m³**

EARTHWORKS :
Cut & Fill Following the Site Strip to the Plateau Level of 53.72 :

CUT	1,600,193m ³
FILL	1,307,021m ³
SURPLUS	293,072m³

SCREENING MOUNDS :
Material Required to Construct Screening Mounds **485,897m³**
Less Surplus From Earthworks 293,072m³
Less Surplus From Topsoil Strip 192,825m³
OVERALL MATERIAL BALANCE 0m³

CLIENT

newlands
developments

SITE

HUNTINGDON ROAD
THRAPSTON

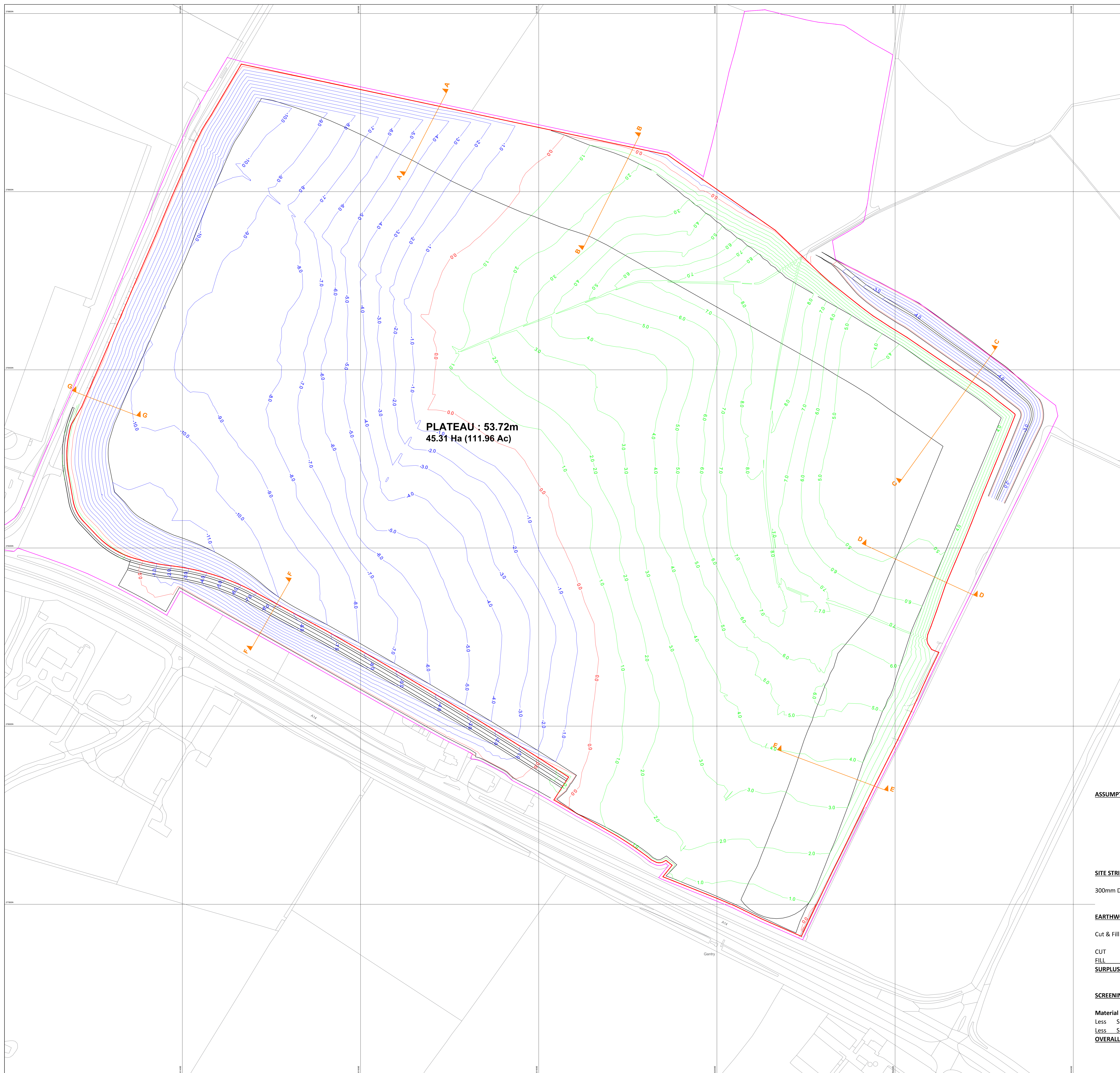
PROJECT

PROPOSED PLATEAU
& MOUND - LEVELS & LAYOUT

SCALE	DATE
1:1250 @ A0	15/06/2021

DRAWING No.

11686a-0



A	
▽ Datum 45.00m	
Chainage	
DESIGN	
OGL	

B	
▽ Datum 45.00m	
Chainage	
DESIGN	
OGL	

C	
▽ Datum 45.00m	
Chainage	
DESIGN	
OGL	

D	
▽ Datum 45.00m	
Chainage	
DESIGN	
OGL	

E	
▽ Datum 45.00m	
Chainage	
DESIGN	
OGL	

F	
▽ Datum 45.00m	
Chainage	
DESIGN	
OGL	

G	
▽ Datum 45.00m	
Chainage	
DESIGN	
OGL	

**PLATEAU : 53.72m
45.31 Ha (111.96 Ac)**

ASSUMPTIONS : Plateau Batters are 3m Offset from Existing Boundaries
North and East Outer Batters are at 1:6
South & West Plateau Batters are at 1:3.5
Mound & Plateau Batters Adjacent to Watercourse are at 1:3
Inner Face of Screening Mounds are at 1:3
Northern Mound is 10.5m High From Plateau Level
Eastern Mound is 7.5m High From Plateau Level

SITE STRIP :
300mm Deep Site Strip (642,751m²) **192,825m³**

EARTHWORKS :
Cut & Fill Following the Site Strip to the Plateau Level of 53.72 :

CUT	1,600,193m ³
FILL	1,307,021m ³
SURPLUS	293,072m³

SCREENING MOUNDS :
Material Required to Construct Screening Mounds **485,897m³**
Less Surplus From Earthworks 293,072m³
Less Surplus From Topsoil Strip 192,825m³
OVERALL MATERIAL BALANCE 0m³



SITE
**HUNTINGDON ROAD
THRAPSTON**

PROJECT
**CUT & FILL CONTOURS
PLATEAU ONLY (NO MOUNDS)**

SCALE @ A0 1:1250
DATE 15/06/2021

DRAWING No.
11686b-0



KEY

— Site Boundary (approximate)

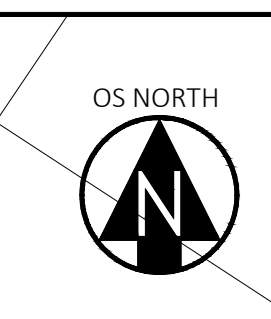
NOTES

- All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
- This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications.
- This drawing has been based on the following drawings and information:
- This drawing has been based on the Staffsuv Drawing, 'Huntingdon Road, Thrapston. Topographic Survey', Ref: 11521a-0, dated 10/03/21.

REV	DATE	BY	DATE	BY	DATE
01	15/12/21	AB	15/12/21	AB	15/12/21
02	06/11/21	WT	06/11/21	AB	06/11/21
03	10/06/21	AB	10/06/21	AB	10/06/21

Hydrock <small>Hawthorn Park Holdenby Road Sproughton Northampton NN6 8LD t: +44 (0) 1604 842888 e: northampton@hydrock.com or visit www.hydrock.com</small>		CLIENT EQUITES NEWLANDS (THRAPSTON EAST) LTD
PROJECT LAND ADJACENT TO HALDEN PARKWAY, THRAPSTON		SCALE @ A0 1:1500

TITLE SITE SURVEY PLAN	
HYDROCK PROJECT NO. C-18443	SCALE @ A0 1:1500
PURPOSE OF ISSUE SUITABLE FOR INFORMATION	STATUS S2
DRAWING NO. (PROJECT CODE ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 18443-HYD-XX-ZZ-DR-GE-1002	REVISION P03



KEY

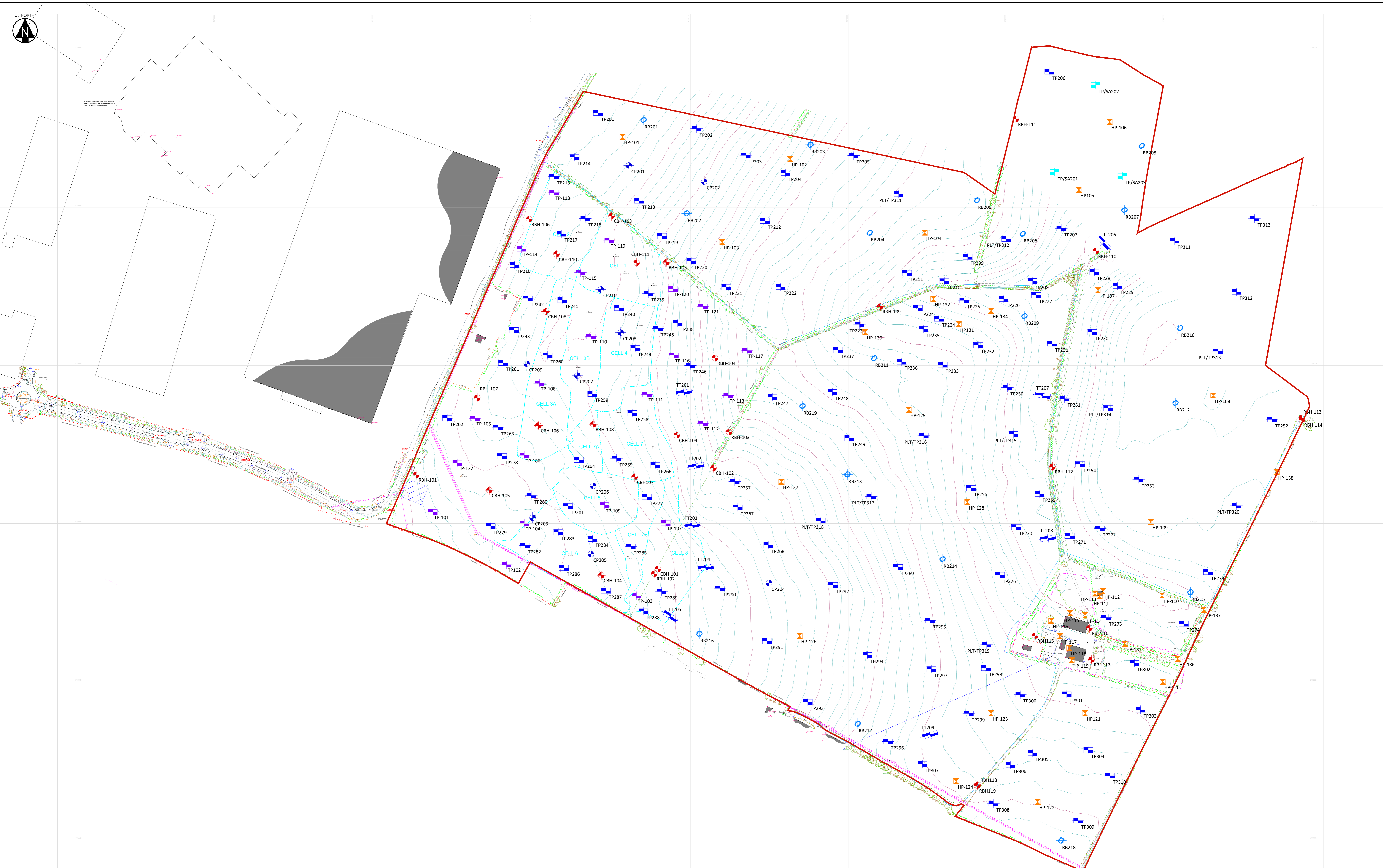
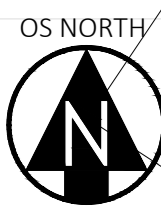
	Site Boundary (approximate)
	Landfill (approximate)
	Drainage ditch (direction of flow)
	Old Stone Pits (approximate) Historical 1885
	Slope of contours
	Higher levels
	Lower levels

NOTES

- All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figure dimensions only are to be taken from this drawing.
- This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications.
- This drawing has been based on the following drawings and information:
- This drawing has been based on the Statutory Drawing: 'Huntingdon Road, Thrapston. Topographic Survey', Ref: 11521a-0, dated 10/03/21.

<p>Hydrock</p> <p>Headroom Park Holdenby Road Northampton NN6 8LD t: +44 (0) 1604 842888 e: northampton@hydrock.com or visit www.hydrock.com</p>		<p>TITLE</p> <p>SITE FEATURES PLAN</p>	
<p>CLIENT</p> <p>EQUITES NEWLANDS (THRAPSTON EAST) LTD</p>		<p>HYDROCK PROJECT NO.</p> <p>C-18443</p>	
<p>PROJECT</p> <p>LAND ADJACENT TO HALDEN PARKWAY, THRAPSTON</p>		<p>SCALE @ A0</p> <p>1:1500</p>	
<p>PURPOSE OF ISSUE</p> <p>SUITABLE FOR INFORMATION</p>		<p>STATUS</p> <p>S2</p>	
<p>DRAWING NO. / PROJECT CODE / ORIGINATOR / ZONE LEVEL / TYPE / ROLE / NUMBER</p> <p>18443-HYD-XX-ZZ-DR-GE-1003</p>		<p>REVISION</p> <p>P03</p>	

CLIENT UPDATED	15/12/21	AR	15/12/21	AR	15/12/21
SITE BOUNDARY UPDATED	08/11/21	NT	08/11/21	AR	08/11/21
FIRST ISSUE	16/08/21	NT	16/08/21	AR	16/08/21
REVISION NOTES/COMMENTS					
DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE



KEY

Trial Pit	No Access
Cable Percussion Borehole	Hydrock welfare compound
Rotary Percussion / Core Borehole	Mick George Landfill Cell Boundaries
Hand Dug Excavation Pit	
Made Ground encountered	

Detailed Site Investigation November/December 2021

Cable Percussion Borehole
Rotary Borehole
Trial Pit
Soakaway
Trial Trench

NOTES

- All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
- This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications.
- This drawing has been based on the following drawings and information:
 - This drawing has been based on the Station Drawing "Huntingdon Road, Thrapston. Topographic Survey", Ref: 11511-a-0, dated 10/03/21.
 - Locations subject to change following walkover and subject to discussions and agreement.
 - Relocations shown at the farm building and yard areas. Subject to discussions and agreement.
 - No known archaeological, ecological or arboricultural restrictions.
- Cell boundaries taken from image derived from Mick George Cell location plan. Drawing number: MC310/51 dated: 25/11/2014.

LOCATIONS UPDATED FOLLOWING SURVEY

POG	NO	DATE	BY	DATE	BY
	2480122	NT	24/01/21	AR	24/01/21

CLIENT DETAILS UPDATED

POS	NO	DATE	BY	DATE	BY
NT	1512/21	NT	15/12/21	AR	15/12/21
AR	08/11/21	NT	08/11/21	AR	08/11/21
AR	27/07/21	AR	27/07/21	AR	27/07/21
AR	14/06/21	AR	14/06/21	AR	14/06/21
AR	20/09/21	AR	20/09/21	AR	20/09/21

Hydrock

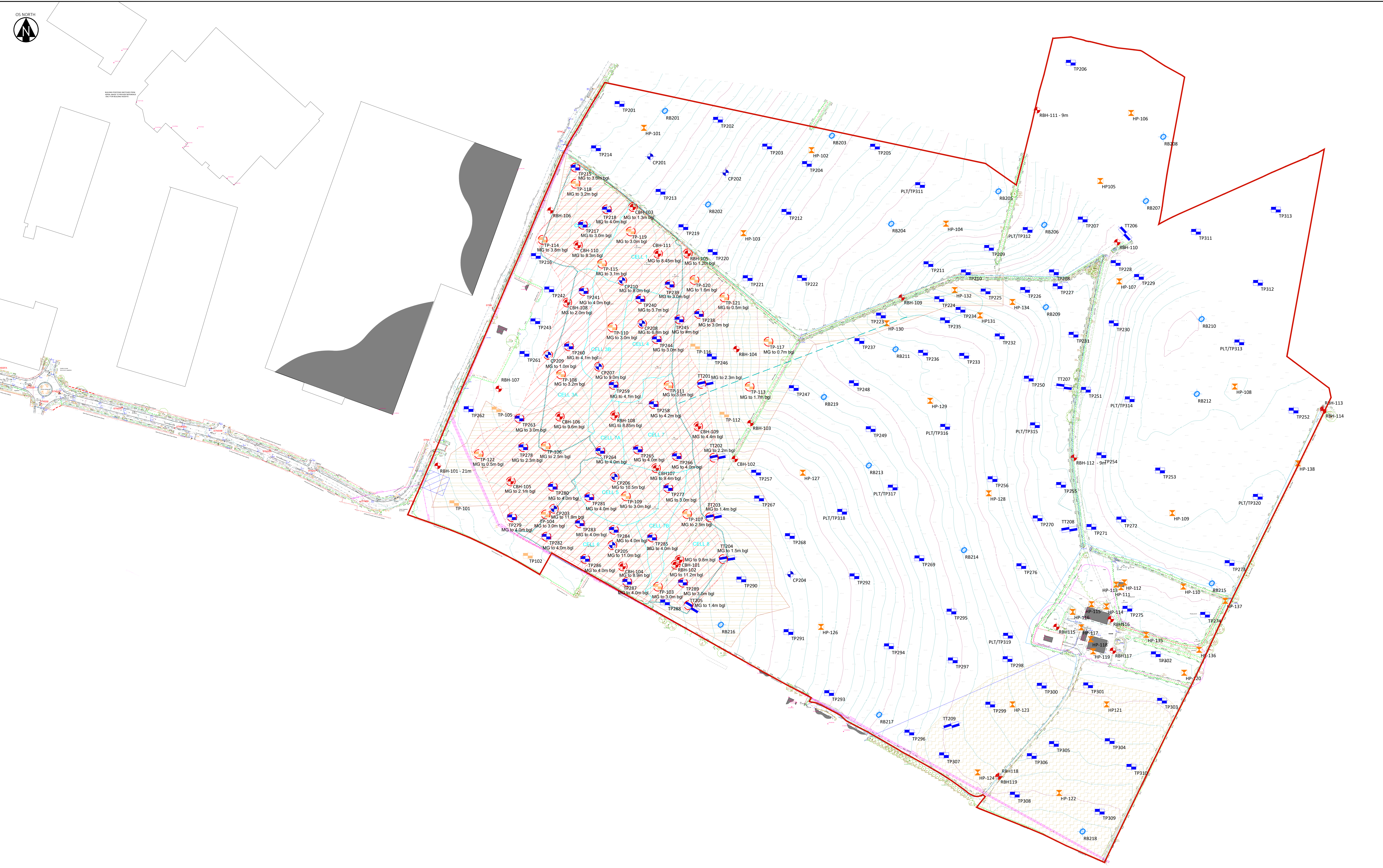
Headroom Park
Holdenby Road
Northampton NN6 8LD
t: +44 (0) 1606 842888
e: northampton@hydrock.com
or visit www.hydrock.com

CLIENT
EQUITES NEWLANDS (THRAPSTON EAST) LTD

PROJECT
LAND ADJACENT HALDEN PARKWAY THRAPSTON

TITLE
EXPLORATORY HOLE LOCATION PLAN

HYDROCK PROJECT NO. C-18443	SCALE @ A0 1:1500
PURPOSE OF ISSUE SUITABLE FOR INFORMATION	STATUS S2
DRAWING NO. (PROJECT CODE, ORIGINATOR, ZONE LEVEL, TRK, ROLE NUMBER) 18443-HYD-XX-ZZ-DR-GE-1004	REVISION PO6



KEY

- Site Boundary (approximate)
- Trial Pit
- Cable Percussion Borehole
- Rotary Percussion / Core Borehole
- Hand Dug Excavation Pit

Detailed Site Investigation November/December 2021

- Cable Percussion Borehole
- Rotary Borehole
- Trial Pit
- Trial Trench

- Made Ground encountered
- Landfill Boundary (Mick George Limited Drawing MG310/S1 dated 25/11/2014)
- Landfill Cell Boundaries (Mick George Limited Drawing MG310/S1 dated 25/11/2014)
- Landfill Licence Boundary

- Hydrock Interpreted Landfill Extents (Archaeological Survey and Investigation)
- Hydrock interpreted former Settlement Ponds (backfilled) and likely drainage pipe (Archaeological Survey)
- Hydrock Interpreted Extent of Stone Pits (Archaeological Survey and Investigation)

NOTES

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- This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications.
- This drawing has been based on the following drawings and information:
- This drawing has been based on the Staffors Drawing 'Huntingdon Road, Thrapston, Topographic Survey', Ref: 11521a-0, dated 10/03/21.
- Cell boundaries taken from image derived from Mick George Cell location plan. Drawing number: MG310/S1 dated: 25/11/2014.
- GPS Survey information taken from TIF image number: MSTL077.

REV	DESCRIPTION	DATE	CHECKED BY	DATE	APPROVED BY	DATE

REV	DATE	CHECKED BY	DATE	APPROVED BY	DATE

Hawthorn Park
Holdenby Road
Spalden
Northampton NN6 8LD
T: +44 (0) 1604 842888
e: northampton@hydrock.com
or visit www.hydrock.com

CLIENT

EQUITES NEWLANDS (THRAPSTON EAST) LTD

TITLE

LANDFILL EXTENTS

HYDROCK PROJECT NO.

C-18443

SCALE @ A0

1:1500

STATUS

S2

PURPOSE OF ISSUE

SUITABLE FOR INFORMATION

REVISIONS/REQUIREMENTS

18443-HYD-XX-ZZ-DR-GE-1005

REVISION

POS



CBH-111			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	5,800	-	1 of 1
Ammoniacal Nitrogen (as N)	-	4,500	1 of 1
Chloride (CL-)	270,000	-	1 of 1

RBH-104			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	1500	-	1 of 1
Ammoniacal Nitrogen (as N)	-	909	1 of 1

RBH-103			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	830	-	1 of 1
Ammoniacal Nitrogen (as N)	-	650	1 of 1

CBH-110			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	3600	-	1 of 1
Ammoniacal Nitrogen (as N)	-	2800	1 of 1
Chloride (CL-)	270,000	-	1 of 1

CBH-107			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	9000	-	3 of 3
Ammoniacal Nitrogen (as N)	-	7500	3 of 3

CBH-106			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	8600	-	3 of 3
Ammoniacal Nitrogen (as N)	-	6700	3 of 3

CBH-104			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	2700	-	1 of 1
Ammoniacal Nitrogen (as N)	-	2100	1 of 1

RBH-102			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	980	-	1 of 1
Ammoniacal Nitrogen (as N)	-	760	1 of 1

CBH-101			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	2,000	-	1 of 1
Ammoniacal Nitrogen (as N)	-	1,500	1 of 1

RBH-216			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	590	-	1 of 2
Ammoniacal Nitrogen (as N)	-	460	2 of 2

RBH-214			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	970	-	1 of 2
Ammoniacal Nitrogen (as N)	-	760	2 of 2

RBH-119			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	730	-	1 of 1
Ammoniacal Nitrogen (as N)	-	570	1 of 1

↑ S5 located to North/North West of site approximately 2.1 miles (3.8 kilometres)

Surface Water (S1)			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	1500	-	1 of 2
Ammoniacal Nitrogen (as N)	-	1500	1 of 2

RBH-117			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	1,400	-	1 of 1
Ammoniacal Nitrogen (as N)	-	1,100	1 of 1
Anthracene	-	0.29	1 of 1
Benzo[a]pyrene	1.06	-	1 of 1
Fluoranthene	-	3.05	1 of 1
Sum of PAH's	2.90	-	1 of 1
All EC12-EC16	-	11	1 of 1
All EC16-EC35	-	19	1 of 1

RBH-218			
Contaminant	DWS (ug/l)	EQS (ug/l)	No of rounds exceeded
Ammonium (NH4+)	640	-	2 of 2
Ammoniacal Nitrogen (as N)	-	500	2 of 2

- KEY**
- Site Investigation Boreholes (June/July 2021)
 - RBHX Cable Percussion Borehole
 - RBHX Rotary Percussion / Core Borehole
 - Detailed Site Investigation**
 - CP# Cable Percussion Borehole
 - RB# Rotary Borehole
 - S# Water sample location

- Site Boundary (approximate)
- Mick George Landfill Cell Boundaries
- Approximate Landfill Extents
- GPR: Area of disturbed ground/assumed stone pits

- Borehole Installed Strata Key**
- Landfill - Made Ground
 - Kellaways Sand Member
 - Kellaways Clay Member
 - Superficial Deposits
 - Combrash Limestone Formation
 - Blisworth Limestone Formation
 - Blisworth Clay Formation

NOTES

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- This drawing has been based on the following drawings and information:
- This drawing has been based on the Staffors Drawing 'Huntingdon Road, Thrapston. Topographic Survey', Ref: 115212-0, dated 10/03/21.
- Locations subject to change following walkover and subject to discussions and agreement.
- Relocations shown at the farm building and yard areas. Subject to discussions and agreement.
- No known archaeological, ecological or arboreal restrictions.
- Cell boundaries taken from image derived from Mick George Cell location plan. Drawing number: MG310/51 dated: 25/11/2014.
- If no comment is noted for a particular borehole, this indicated there are no significantly elevated Chemical of Potential Concern.

		Hazlton Park Hollenden Road Northampton NN6 8LD t: +44 (0) 1604 842888 e: northampton@hydrock.com or visit www.hydrock.com		TITLE Groundwater Assessment Plan	
UPDATED AFTER DETAILS NT 15/09/21 CD 15/09/21 AB 15/09/21 CLIENT DETAILS AMENDED NT 15/10/21 AB 15/10/21 AB 15/10/21		CLIENT EQUITES NEWLANDS (THRAPSTON EAST) LTD		HYDROCK PROJECT NO C-18443	
FIRST ISSUE NT 10/12/21 AB 10/12/21 AB 10/12/21		PROJECT LAND ADJACENT HALDENS PARKWAY THRAPSTON		PURPOSE OF ISSUE SUITABLE FOR INFORMATION	
REVISION/NOTIFICATIONS DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE		DRAWING NO. (PROJECT CODE ORIGINATOR ZONE LEVEL TYPE ROLE NUMBER) 18443-HYD-XX-ZZ-DR-GE-1020		STATUS S2 REVISION P03	

Appendix B Generic Risk Assessment

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	Soil Type Location & Depth GAC	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	
							TP-101	TP-102	TP-103	TP-104	TP-105	TP-106	TP-107	TP-108	TP-109	TP-110	TP-111	TP-112	TP-113	TP-114	TP-115	TP-116
							0.20	0.10	0.10	0.20	0.30	0.20	0.20	0.20	0.10	0.10	0.20	0.20	0.10	0.10	0.10	0.10
Arsenic	1	21	14	38	0	640	22	18	20	18	18	38	20	21	28	16	20	14	16	20	21	14
Beryllium	0.06	21	0.89	1.8	0	390	1	1.2	1.3	1.2	1.2	1.8	1.3	1.2	1.4	0.92	1.2	1	0.97	1	1.2	0.89
Boron	0.2	21	0.5	2.1	0	190000	2	1.2	2.1	1.8	1.3	1.6	1	0.5	0.5	0.7	1.6	1.6	0.9	1.5	1.1	1
Cadmium	0.2	21	0.2	0.2	0	220	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Chromium (III)	1	21	25	85	0	8400	27	35	36	35	36	85	37	25	36	25	35	29	29	29	33	29
Chromium (VI)	1.2	21	1.2	1.2	0	33	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	1.2	1.2	1.2
Copper	1	21	15	37	0	69000	37	22	21	20	21	16	19	18	16	16	21	16	17	15	15	17
Lead	1	21	13	92	0	2330	92	30	35	33	36	54	30	22	22	13	33	28	32	26	29	27
Mercury, inorganic	0.3	21	0.3	0.3	0	3600	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	0.3	0.3
Nickel	1	21	19	35	0	1700	26	29	31	28	31	32	30	26	35	29	31	24	20	24	26	19
Selenium	1	21	1	1	0	13000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vanadium	1	21	37	160	0	9000	50	59	61	59	62	160	68	48	67	37	60	49	51	53	63	48
Zinc	1	21	68	160	0	670000	130	81	92	88	88	160	88	72	93	69	85	68	78	77	85	72
Cyanide (free)	1	21	1	1	0	16000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Phenol (total)	1	21	1	1	0	1500	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Acenaphthene	0.05	21	0.05	0.05	0	97000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Acenaphthylene	0.05	21	0.05	0.05	0	97000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Anthracene	0.05	21	0.05	0.1	0	540000	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(a)anthracene	0.05	21	0.05	0.8	0	91	0.28	0.05	0.05	0.05	0.05	0.8	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(a)pyrene	0.05	21	0.05	0.71	0	14	0.3	0.05	0.05	0.05	0.05	0.71	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(b)fluoranthene	0.05	21	0.05	0.87	0	98	0.38	0.05	0.05	0.05	0.05	0.87	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(ghi)perylene	0.05	21	0.05	0.49	0	640	0.05	0.05	0.05	0.05	0.05	0.49	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(k)fluoranthene	0.05	21	0.05	0.44	0	140	0.17	0.05	0.05	0.05	0.05	0.44	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Chrysene	0.05	21	0.05	0.62	0	140	0.26	0.05	0.05	0.05	0.05	0.62	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Dibenz(a,h)anthracene	0.05	21	0.05	0.05	0	12	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Fluoranthene	0.05	21	0.05	1	0	23000	0.31	0.05	0.05	0.05	0.05	1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Fluorene	0.05	21	0.05	0.05	0	68000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Indeno(1,2,3,cd)pyrene	0.05	21	0.05	0.32	0	59	0.05	0.05	0.05	0.05	0.05	0.32	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Naphthalene	0.05	21	0.05	0.05	0	460	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Phenanthrene	0.05	21	0.05	0.51	0	22000	0.05	0.05	0.05	0.05	0.05	0.51	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Pyrene	0.05	21	0.05	0.99	0	54000	0.36	0.05	0.05	0.05	0.05	0.99	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Asbestos identified	Y/N						N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N
FOC (dimensionless)	0.013771	(mean)					0.024	0.015	0.016	0.013	0.014	0.011	0.016	0.015	0.0085	0.007	0.014	0.015	0.015	0.016	0.012	0.014
SOM (calculated)	2.37%	(mean)					4.14%	2.59%	2.76%	2.24%	2.41%	1.90%	2.76%	2.59%	1.47%	1.21%	2.41%	2.59%	2.59%	2.76%	2.07%	2.41%
pH (su)	8.0	(mean)					7.9	8.1	8	8.2	8.2	8	8	8.1	7.9	7.9	8	7.8	7.6	8	7.9	7.6

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Landfill - Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	Soil Type Location & Depth GAC	TS-L	TS-L	TS-L	TS-L	TS-L														
							TP117	TP-118	TP-120	TP-121	TP-122														
							0.20	0.10	0.10	0.20	0.20														
Arsenic	1	21	14	38	0	640	18	20	20	15	21														
Beryllium	0.06	21	0.89	1.8	0	390	0.97	1.2	1.3	0.9	0.98														
Boron	0.2	21	0.5	2.1	0	190000	1.8	0.9	1.3	0.5	0.7														
Cadmium	0.2	21	0.2	0.2	0	220	0.2	0.2	0.2	0.2	0.2														
Chromium (III)	1	21	25	85	0	8400	29	34	32	26	30														
Chromium (VI)	1.2	21	1.2	1.2	0	33	1.2	1.2	1.2	1.2	1.2														
Copper	1	21	15	37	0	69000	15	18	16	16	26														
Lead	1	21	13	92	0	2330	30	22	19	30	55														
Mercury, inorganic	0.3	21	0.3	0.3	0	3600	0.3	0.3	0.3	0.3	0.3														
Nickel	1	21	19	35	0	1700	21	32	31	19	27														
Selenium	1	21	1	1	0	13000	1	1	1	1	1														
Vanadium	1	21	37	160	0	9000	52	58	53	48	51														
Zinc	1	21	68	160	0	670000	76	90	78	72	89														
Cyanide (free)	1	21	1	1	0	16000	1	1	1	1	1														
Phenol (total)	1	21	1	1	0	1500	1	1	1	1	1														
Acenaphthene	0.05	21	0.05	0.05	0	97000	0.05	0.05	0.05	0.05	0.05														
Acenaphthylene	0.05	21	0.05	0.05	0	97000	0.05	0.05	0.05	0.05	0.05														
Anthracene	0.05	21	0.05	0.1	0	540000	0.05	0.05	0.05	0.05	0.05														
Benz(a)anthracene	0.05	21	0.05	0.8	0	91	0.05	0.05	0.05	0.05	0.24														
Benzo(a)pyrene	0.05	21	0.05	0.71	0	14	0.05	0.05	0.05	0.05	0.05														
Benzo(b)fluoranthene	0.05	21	0.05	0.87	0	98	0.05	0.05	0.05	0.05	0.05														
Benzo(ghi)perylene	0.05	21	0.05	0.49	0	640	0.05	0.05	0.05	0.05	0.05														
Benzo(k)fluoranthene	0.05	21	0.05	0.44	0	140	0.05	0.05	0.05	0.05	0.05														
Chrysene	0.05	21	0.05	0.62	0	140	0.05	0.05	0.05	0.05	0.24														
Dibenz(a,h)anthracene	0.05	21	0.05	0.05	0	12	0.05	0.05	0.05	0.05	0.05														
Fluoranthene	0.05	21	0.05	1	0	23000	0.05	0.05	0.05	0.05	0.38														
Fluorene	0.05	21	0.05	0.05	0	68000	0.05	0.05	0.05	0.05	0.05														
Indeno(1,2,3,cd)pyrene	0.05	21	0.05	0.32	0	59	0.05	0.05	0.05	0.05	0.05														
Naphthalene	0.05	21	0.05	0.05	0	460	0.05	0.05	0.05	0.05	0.05														
Phenanthrene	0.05	21	0.05	0.51	0	22000	0.05	0.05	0.05	0.05	0.27														
Pyrene	0.05	21	0.05	0.99	0	54000	0.05	0.05	0.05	0.05	0.49														
Asbestos identified	Y/N						N	N	N	N	N														
FOC (dimensionless)	0.013771	(mean)					0.016	0.0087	0.01	0.014	0.015														
SOM (calculated)	2.37%	(mean)					2.76%	1.50%	1.72%	2.41%	2.59%														
pH (su)	8.0	(mean)					7.9	8.4	8.3	8.7	8.1														

Risk parameter: Human health - commercial (2.5%SOM)
Data set: Landfill - Topsoil
Client: Equites Newlands (Thrapston East) Ltd
Site: Land Adjacent Halden Parkway Thrapston
Job no.: C-18443
Lab. report no(s): 21-88524, 21-88806, 21-88809

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type															
							Location & Depth		TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L						
All values in mg/kg unless otherwise stated							TP-102	TP-105	TP-108	TP-110	TP-111	TP-113	TP-114	TP-115	TP-121							
							0.10	0.30	0.20	0.10	0.20	0.10	0.10	0.10	0.20							
Benzene	0.001	9	0.001	0.001	0	48	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Toluene	0.001	9	0.001	0.001	0	1900	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Ethylbenzene	0.001	9	0.001	0.001	0	1200	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Xylene, o-	0.001	9	0.001	0.001	0	1100	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Xylene, m- & p-	0.001	9	0.001	0.001	0	1400	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
MTBE	0.001	9	0.001	0.001	0	12000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Landfill Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated									Soil Type		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
									Location & Depth		CBH-101	CBH-101	CBH-104	CBH-109	CBH-110	CBH-110	CBH-110	TP-103	TP-103	TP-104
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	US ₉₅	Result of Significance Test	2.00	4.00	7.00	2.00	3.00	5.00	6.50	1.00	2.20	1.50	1.50	
									Arsenic	1	40	9.9	44	0	640	26.97	POTENTIALLY SUITABLE FOR USE	26	16	19
Beryllium	0.06	40	0.73	3.7	0	390	1.58	POTENTIALLY SUITABLE FOR USE	0.95	1.1	0.85	1.5	0.98	1.4	1.9	0.93	1.1	1.3	1.1	
Boron	0.2	40	0.4	3.5	0	190000	1.73	POTENTIALLY SUITABLE FOR USE	1	0.9	1.4	0.4	1.5	2.2	3.5	1.2	0.6	0.8	1.1	
Cadmium	0.2	40	0.2	0.2	0	220	0.20	POTENTIALLY SUITABLE FOR USE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Chromium (III)	1	40	20	76	0	8400	41.61	POTENTIALLY SUITABLE FOR USE	39	31	26	38	27	46	46	27	28	40	32	
Chromium (VI)	1.2	40	1.2	1.2	0	33	1.20	POTENTIALLY SUITABLE FOR USE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
Copper	1	40	9.3	87	0	69000	36.05	POTENTIALLY SUITABLE FOR USE	19	27	25	16	17	31	48	14	20	21	15	
Lead	1	40	10	190	0	2330	66.57	POTENTIALLY SUITABLE FOR USE	24	27	32	24	25	42	100	16	46	26	26	
Mercury, inorganic	0.3	40	0.3	0.6	0	3600	0.34	POTENTIALLY SUITABLE FOR USE	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Nickel	1	40	20	55	0	1700	31.05	POTENTIALLY SUITABLE FOR USE	21	27	25	32	24	29	28	24	23	31	25	
Selenium	1	40	1	1	0	13000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1	
Vanadium	1	40	30	140	0	9000	74.87	POTENTIALLY SUITABLE FOR USE	70	51	50	75	46	68	71	39	52	60	57	
Zinc	1	40	50	270	0	670000	125.73	POTENTIALLY SUITABLE FOR USE	62	80	72	88	79	140	160	68	94	88	82	
Cyanide (free)	1	40	1	1	0	16000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1	
Phenol (total)	1	40	1	1	0	760	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1	
Acenaphthene	0.05	40	0.05	1.5	0	84000	0.33	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Acenaphthylene	0.05	40	0.05	0.69	0	83000	0.14	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Anthracene	0.05	40	0.05	3.8	0	520000	0.76	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.22	0.05	0.26	0.11	0.21	0.05	0.05	
Benz(a)anthracene	0.05	40	0.05	14	0	86	2.79	POTENTIALLY SUITABLE FOR USE	0.89	0.05	0.05	0.05	0.84	0.58	2	0.68	1.6	0.05	0.05	
Benzo(a)pyrene	0.05	40	0.05	14	1	14	2.70	POTENTIALLY SUITABLE FOR USE	0.81	0.05	0.05	0.05	0.73	0.7	2	0.58	1.7	0.05	0.05	
Benzo(b)fluoranthene	0.05	40	0.05	17	0	97	3.05	POTENTIALLY SUITABLE FOR USE	0.8	0.05	0.05	0.05	0.93	0.77	2.4	0.62	2.2	0.05	0.05	
Benzo(ghi)perylene	0.05	40	0.05	7.5	0	630	1.54	POTENTIALLY SUITABLE FOR USE	0.61	0.05	0.05	0.05	0.47	0.47	1.3	0.32	1.1	0.05	0.05	
Benzo(k)fluoranthene	0.05	40	0.05	5.9	0	140	1.44	POTENTIALLY SUITABLE FOR USE	0.43	0.05	0.05	0.05	0.3	0.29	0.78	0.34	0.75	0.05	0.05	
Chrysene	0.05	40	0.05	12	0	140	2.27	POTENTIALLY SUITABLE FOR USE	0.8	0.05	0.05	0.05	0.69	0.71	1.7	0.53	1.2	0.05	0.05	
Dibenz(a,h)anthracene	0.05	40	0.05	1.7	0	12	0.34	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.35	0.05	0.24	0.05	0.05	
Fluoranthene	0.05	40	0.05	25	0	23000	5.19	POTENTIALLY SUITABLE FOR USE	1.5	0.05	0.05	0.05	1.3	1.3	3.7	0.93	1.7	0.05	0.05	
Fluorene	0.05	40	0.05	1.2	0	63000	0.30	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.73	0.05	0.05	
Indeno(1,2,3,cd)pyrene	0.05	40	0.05	6.8	0	58	1.34	POTENTIALLY SUITABLE FOR USE	0.48	0.05	0.05	0.05	0.37	0.38	1.1	0.26	0.85	0.05	0.05	
Naphthalene	0.05	40	0.05	0.8	0	190	0.18	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.8	0.05	0.05	0.05	
Phenanthrene	0.05	40	0.05	13	0	22000	2.60	POTENTIALLY SUITABLE FOR USE	0.47	0.05	0.05	0.05	0.88	0.6	1.3	0.52	1.2	0.05	0.05	
Pyrene	0.05	40	0.05	22	0	54000	4.51	POTENTIALLY SUITABLE FOR USE	1.5	0.05	0.05	0.05	1.3	1.5	3.5	0.92	1.7	0.05	0.05	
Asbestos identified	Y/N								N	N	N	N	N	N	N	N	N	N	N	
FOC (dimensionless)	0.012415	(mean)							0.009	0.011	0.015	0.0021	0.0081	0.014	0.014	0.0088	0.018	0.018	0.012	
SOM (calculated)	2.14%	(mean)							1.55%	1.90%	2.59%	0.36%	1.40%	2.41%	2.41%	1.52%	3.10%	3.10%	2.07%	
pH (su)	8.0	(mean)							8.3	8	8	8	8.3	8	8.2	8.2	8.1	8	7.9	

Risk parameter: Human health - commercial (1%SOM)

Data set: Landfill

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated								Soil Type		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
								Location & Depth		TP-110	TP-110	TP-110	TP-114	TP-114	TP-115	TP-118	TP238	TP263	TP263
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	US ₉₅	Result of Significance Test	0.60	1.50	2.20	0.80	2.20	0.60	1.80	1.20	1.00	1.80	0.40
Arsenic	1	40	9.9	44	0	640	26.97	POTENTIALLY SUITABLE FOR USE	20	22	16	20	24	24	44	39	17	44	19
Beryllium	0.06	40	0.73	3.7	0	390	1.58	POTENTIALLY SUITABLE FOR USE	1.3	1.4	0.91	0.92	1.5	1.1	2.3	1.6	1.1	3.7	1.2
Boron	0.2	40	0.4	3.5	0	190000	1.73	POTENTIALLY SUITABLE FOR USE	1.1	2.5	2.2	0.6	2.2	0.5	1.5	0.6	0.5	3.5	0.4
Cadmium	0.2	40	0.2	0.2	0	220	0.20	POTENTIALLY SUITABLE FOR USE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Chromium (III)	1	40	20	76	0	8400	41.61	POTENTIALLY SUITABLE FOR USE	35	37	25	21	33	31	66	39	29	76	34
Chromium (VI)	1.2	40	1.2	1.2	0	33	1.20	POTENTIALLY SUITABLE FOR USE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Copper	1	40	9.3	87	0	69000	36.05	POTENTIALLY SUITABLE FOR USE	21	26	15	9.3	28	11	67	11	19	87	17
Lead	1	40	10	190	0	2330	66.57	POTENTIALLY SUITABLE FOR USE	49	34	21	14	53	13	180	16	20	190	15
Mercury, inorganic	0.3	40	0.3	0.6	0	3600	0.34	POTENTIALLY SUITABLE FOR USE	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.3
Nickel	1	40	20	55	0	1700	31.05	POTENTIALLY SUITABLE FOR USE	30	31	24	20	22	28	39	29	28	55	25
Selenium	1	40	1	1	0	13000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Vanadium	1	40	30	140	0	9000	74.87	POTENTIALLY SUITABLE FOR USE	62	55	42	41	61	58	130	84	50	140	58
Zinc	1	40	50	270	0	670000	125.73	POTENTIALLY SUITABLE FOR USE	94	100	71	59	120	77	250	100	63	270	78
Cyanide (free)	1	40	1	1	0	16000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Phenol (total)	1	40	1	1	0	760	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Acenaphthene	0.05	40	0.05	1.5	0	84000	0.33	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.74	0.05	0.05	0.23	0.05	0.05	0.05
Acenaphthylene	0.05	40	0.05	0.69	0	83000	0.14	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.69	0.05	0.2	0.05	0.05	0.05	0.05
Anthracene	0.05	40	0.05	3.8	0	520000	0.76	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	3.8	0.05	0.66	0.69	0.05	0.05	0.05
Benz(a)anthracene	0.05	40	0.05	14	0	86	2.79	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.29	0.35	14	0.05	3.9	1.6	0.05	0.58	0.05
Benzo(a)pyrene	0.05	40	0.05	14	1	14	2.70	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.27	0.26	14	0.05	4	1.3	0.05	0.78	0.05
Benzo(b)fluoranthene	0.05	40	0.05	17	0	97	3.05	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.31	0.27	17	0.05	4.5	1.4	0.05	0.98	0.05
Benzo(ghi)perylene	0.05	40	0.05	7.5	0	630	1.54	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	7.5	0.05	2.4	0.89	0.05	0.61	0.05
Benzo(k)fluoranthene	0.05	40	0.05	5.9	0	140	1.44	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.21	0.19	5.6	0.05	1.9	0.63	0.05	0.45	0.05
Chrysene	0.05	40	0.05	12	0	140	2.27	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.27	0.27	12	0.05	2.9	1.2	0.05	0.63	0.05
Dibenz(a,h)anthracene	0.05	40	0.05	1.7	0	12	0.34	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	1.7	0.05	0.56	0.17	0.05	0.05	0.05
Fluoranthene	0.05	40	0.05	25	0	23000	5.19	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.43	0.55	25	0.05	5.5	3.8	0.05	1.1	0.05
Fluorene	0.05	40	0.05	1.2	0	63000	0.30	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	1.2	0.05	0.2	0.21	0.05	0.05	0.05
Indeno(1,2,3,cd)pyrene	0.05	40	0.05	6.8	0	58	1.34	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	6.8	0.05	1.9	0.64	0.05	0.51	0.05
Naphthalene	0.05	40	0.05	0.8	0	190	0.18	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.33	0.05	0.05	0.05	0.05	0.05	0.05
Phenanthrene	0.05	40	0.05	13	0	22000	2.60	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.31	13	0.05	2.6	2.8	0.05	0.51	0.05
Pyrene	0.05	40	0.05	22	0	54000	4.51	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.43	0.53	22	0.05	5.2	3.2	0.05	1	0.05
Asbestos identified	Y/N								N	N	N	N	N	N	Y	N	N	N	N
FOC (dimensionless)	0.012415	(mean)							0.012	0.071	0.0082	0.0027	0.016	0.0034	0.014	0.0041	0.0097	0.041	0.0064
SOM (calculated)	2.14%	(mean)							2.07%	12.24%	1.41%	0.47%	2.76%	0.59%	2.41%	0.71%	1.67%	7.07%	1.10%
pH (su)	8.0	(mean)							8.1	7.9	7.9	8.4	8.2	8	8.6	8.1	8	7.5	7.9

Risk parameter: Human health - commercial (1%SOM)
Data set: Landfill
Client: Equites Newlands (Thrapston East) Ltd
Site: Land Adjacent Halden Parkway Thrapston
Job no.: C-18443
Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated									Soil Type		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
									Location & Depth		TP289	TP289	CP203	CP203	CP203	CP207	CP207	CP207	CP207	CP207
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	US ₉₅	Result of Significance Test	1.50	2.50	1.00	3.00	5.00	1.00	3.00	5.00	8.00	1.00	3.00	
Arsenic	1	40	9.9	44	0	640	26.97	POTENTIALLY SUITABLE FOR USE	15	32	14	19	15	22	16	23	17	21	31	
Beryllium	0.06	40	0.73	3.7	0	390	1.58	POTENTIALLY SUITABLE FOR USE	1.2	1.3	0.89	1.2	0.96	1.4	1.2	1.2	1.1	1	1.2	
Boron	0.2	40	0.4	3.5	0	190000	1.73	POTENTIALLY SUITABLE FOR USE	1.5	0.9	0.4	1.1	1.4	0.6	1.5	0.8	0.4	0.9	1.4	
Cadmium	0.2	40	0.2	0.2	0	220	0.20	POTENTIALLY SUITABLE FOR USE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Chromium (III)	1	40	20	76	0	8400	41.61	POTENTIALLY SUITABLE FOR USE	28	41	25	36	34	34	45	38	29	27	40	
Chromium (VI)	1.2	40	1.2	1.2	0	33	1.20	POTENTIALLY SUITABLE FOR USE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
Copper	1	40	9.3	87	0	69000	36.05	POTENTIALLY SUITABLE FOR USE	28	44	18	34	26	20	28	31	24	15	25	
Lead	1	40	10	190	0	2330	66.57	POTENTIALLY SUITABLE FOR USE	45	93	15	41	43	24	30	44	15	12	26	
Mercury, inorganic	0.3	40	0.3	0.6	0	3600	0.34	POTENTIALLY SUITABLE FOR USE	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Nickel	1	40	20	55	0	1700	31.05	POTENTIALLY SUITABLE FOR USE	23	26	24	26	23	29	27	26	31	25	29	
Selenium	1	40	1	1	0	13000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1	
Vanadium	1	40	30	140	0	9000	74.87	POTENTIALLY SUITABLE FOR USE	41	77	40	52	43	57	53	68	47	51	110	
Zinc	1	40	50	270	0	670000	125.73	POTENTIALLY SUITABLE FOR USE	84	130	51	94	80	79	110	120	66	59	84	
Cyanide (free)	1	40	1	1	0	16000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1	
Phenol (total)	1	40	1	1	0	760	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1	
Acenaphthene	0.05	40	0.05	1.5	0	84000	0.33	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.25	0.05	0.05	0.05	
Acenaphthylene	0.05	40	0.05	0.69	0	83000	0.14	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Anthracene	0.05	40	0.05	3.8	0	520000	0.76	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.31	0.05	0.05	0.32	0.7	0.05	0.05	0.05	
Benz(a)anthracene	0.05	40	0.05	14	0	86	2.79	POTENTIALLY SUITABLE FOR USE	0.73	0.48	0.05	1.1	0.57	0.05	0.99	2.2	0.05	0.05	0.05	
Benzo(a)pyrene	0.05	40	0.05	14	1	14	2.70	POTENTIALLY SUITABLE FOR USE	0.94	0.47	0.05	1.1	0.65	0.05	0.9	1.8	0.05	0.05	0.05	
Benzo(b)fluoranthene	0.05	40	0.05	17	0	97	3.05	POTENTIALLY SUITABLE FOR USE	1.1	0.44	0.05	1.2	0.51	0.05	0.84	2	0.05	0.05	0.05	
Benzo(ghi)perylene	0.05	40	0.05	7.5	0	630	1.54	POTENTIALLY SUITABLE FOR USE	0.73	0.27	0.05	0.59	0.39	0.05	0.54	1	0.05	0.05	0.05	
Benzo(k)fluoranthene	0.05	40	0.05	5.9	0	140	1.44	POTENTIALLY SUITABLE FOR USE	0.45	0.24	0.05	0.47	0.43	0.05	0.51	0.79	0.05	0.05	0.05	
Chrysene	0.05	40	0.05	12	0	140	2.27	POTENTIALLY SUITABLE FOR USE	0.8	0.41	0.05	1	0.53	0.05	0.7	1.3	0.05	0.05	0.05	
Dibenz(a,h)anthracene	0.05	40	0.05	1.7	0	12	0.34	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Fluoranthene	0.05	40	0.05	25	0	23000	5.19	POTENTIALLY SUITABLE FOR USE	1.3	0.77	0.05	2.5	1.3	0.05	2.2	4.6	0.05	0.05	0.37	
Fluorene	0.05	40	0.05	1.2	0	63000	0.30	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.47	0.05	0.05	0.05	
Indeno(1,2,3,cd)pyrene	0.05	40	0.05	6.8	0	58	1.34	POTENTIALLY SUITABLE FOR USE	0.56	0.22	0.05	0.53	0.3	0.05	0.45	0.83	0.05	0.05	0.05	
Naphthalene	0.05	40	0.05	0.8	0	190	0.18	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.32	0.05	0.05	0.05	
Phenanthrene	0.05	40	0.05	13	0	22000	2.60	POTENTIALLY SUITABLE FOR USE	0.52	0.38	0.05	1.3	0.63	0.05	1.8	3.7	0.05	0.05	0.05	
Pyrene	0.05	40	0.05	22	0	54000	4.51	POTENTIALLY SUITABLE FOR USE	1.3	0.66	0.05	2.1	1.1	0.05	1.8	3.7	0.05	0.05	0.38	
Asbestos identified	Y/N								N	N	N	N	N	N	N	N	N	N	N	
FOC (dimensionless)	0.012415	(mean)							0.011	0.012	0.0077	0.01	0.013	0.0099	0.012	0.012	0.0066	0.0047	0.01	
SOM (calculated)	2.14%	(mean)							1.90%	2.07%	1.33%	1.72%	2.24%	1.71%	2.07%	2.07%	1.14%	0.81%	1.72%	
pH (su)	8.0	(mean)							7.9	8.2	7.9	7.5	7.7	8	7.9	8.1	7.7	7.4	7.7	

Risk parameter: Human health - commercial (1%SOM)
Data set: Landfill
Client: Equites Newlands (Thrapston East) Ltd
Site: Land Adjacent Halden Parkway Thrapston
Job no.: C-18443
Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated								Soil Type	LF	LF	LF	LF	LF	LF	LF				
								Location & Depth	CP208	CP210	CP210	CP210	CP210	CP210	CP210				
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	US ₉₅	Result of Significance Test	5.00	1.20	4.00	2.00	3.00	5.50	7.00				
Arsenic	1	40	9.9	44	0	640	26.97	POTENTIALLY SUITABLE FOR USE	17	15	17	15	9.9	15	17				
Beryllium	0.06	40	0.73	3.7	0	390	1.58	POTENTIALLY SUITABLE FOR USE	0.93	0.89	1.3	1.1	0.73	0.86	1.1				
Boron	0.2	40	0.4	3.5	0	190000	1.73	POTENTIALLY SUITABLE FOR USE	1.8	1	0.9	0.8	0.4	1.1	1				
Cadmium	0.2	40	0.2	0.2	0	220	0.20	POTENTIALLY SUITABLE FOR USE	0.2	0.2	0.2	0.2	0.2	0.2	0.2				
Chromium (III)	1	40	20	76	0	8400	41.61	POTENTIALLY SUITABLE FOR USE	28	25	30	26	20	25	27				
Chromium (VI)	1.2	40	1.2	1.2	0	33	1.20	POTENTIALLY SUITABLE FOR USE	1.2	1.2	1.2	1.2	1.2	1.2	1.2				
Copper	1	40	9.3	87	0	69000	36.05	POTENTIALLY SUITABLE FOR USE	24	20	44	25	14	28	18				
Lead	1	40	10	190	0	2330	66.57	POTENTIALLY SUITABLE FOR USE	23	13	80	33	10	12	13				
Mercury, inorganic	0.3	40	0.3	0.6	0	3600	0.34	POTENTIALLY SUITABLE FOR USE	0.3	0.3	0.3	0.3	0.3	0.3	0.3				
Nickel	1	40	20	55	0	1700	31.05	POTENTIALLY SUITABLE FOR USE	22	25	26	25	21	26	28				
Selenium	1	40	1	1	0	13000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1				
Vanadium	1	40	30	140	0	9000	74.87	POTENTIALLY SUITABLE FOR USE	48	41	58	41	30	37	41				
Zinc	1	40	50	270	0	670000	125.73	POTENTIALLY SUITABLE FOR USE	69	57	120	92	50	55	69				
Cyanide (free)	1	40	1	1	0	16000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1				
Phenol (total)	1	40	1	1	0	760	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1				
Acenaphthene	0.05	40	0.05	1.5	0	84000	0.33	POTENTIALLY SUITABLE FOR USE	0.05	0.05	1.5	0.05	0.05	0.05	0.05				
Acenaphthylene	0.05	40	0.05	0.69	0	83000	0.14	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05				
Anthracene	0.05	40	0.05	3.8	0	520000	0.76	POTENTIALLY SUITABLE FOR USE	0.05	0.05	2.3	0.25	0.05	0.05	0.05				
Benz(a)anthracene	0.05	40	0.05	14	0	86	2.79	POTENTIALLY SUITABLE FOR USE	0.72	0.05	7.2	1.1	0.05	0.05	0.05				
Benzo(a)pyrene	0.05	40	0.05	14	1	14	2.70	POTENTIALLY SUITABLE FOR USE	0.64	0.05	6.1	0.93	0.05	0.05	0.05				
Benzo(b)fluoranthene	0.05	40	0.05	17	0	97	3.05	POTENTIALLY SUITABLE FOR USE	0.45	0.05	4.5	0.8	0.05	0.05	0.05				
Benzo(ghi)perylene	0.05	40	0.05	7.5	0	630	1.54	POTENTIALLY SUITABLE FOR USE	0.43	0.05	3.7	0.62	0.05	0.05	0.05				
Benzo(k)fluoranthene	0.05	40	0.05	5.9	0	140	1.44	POTENTIALLY SUITABLE FOR USE	0.71	0.05	5.9	0.77	0.05	0.05	0.05				
Chrysene	0.05	40	0.05	12	0	140	2.27	POTENTIALLY SUITABLE FOR USE	0.47	0.05	5	0.71	0.05	0.05	0.05				
Dibenz(a,h)anthracene	0.05	40	0.05	1.7	0	12	0.34	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.73	0.05	0.05	0.05	0.05				
Fluoranthene	0.05	40	0.05	25	0	23000	5.19	POTENTIALLY SUITABLE FOR USE	1.1	0.5	16	2	0.05	0.05	0.05				
Fluorene	0.05	40	0.05	1.2	0	63000	0.30	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.82	0.05	0.05	0.05	0.05				
Indeno(1,2,3,cd)pyrene	0.05	40	0.05	6.8	0	58	1.34	POTENTIALLY SUITABLE FOR USE	0.38	0.05	3.1	0.49	0.05	0.05	0.05				
Naphthalene	0.05	40	0.05	0.8	0	190	0.18	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.2	0.05	0.05	0.05	0.05				
Phenanthrene	0.05	40	0.05	13	0	22000	2.60	POTENTIALLY SUITABLE FOR USE	0.44	0.26	5.8	1.3	0.05	0.05	0.05				
Pyrene	0.05	40	0.05	22	0	54000	4.51	POTENTIALLY SUITABLE FOR USE	1	0.45	13	1.7	0.05	0.05	0.05				
Asbestos identified	Y/N								N	N	N	N	N	N	N				
FOC (dimensionless)	0.012415	(mean)							0.008	0.0069	0.019	0.0093	0.006	0.01	0.01				
SOM (calculated)	2.14%	(mean)							1.38%	1.19%	3.28%	1.60%	1.03%	1.72%	1.72%				
pH (su)	8.0	(mean)							7.8	7.7	7.9	7.7	7.9	7.8	7.8				

Risk parameter: Human health - commercial (1%SOM)
Data set: Landfill
Client: Equites Newlands (Thrapston East) Ltd
Site: Land Adjacent Halden Parkway Thrapston
Job no.: C-18443
Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type													
							Location & Depth		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
							CBH-101	CBH-104	CBH-110	CBH-110	TP-103	TP-114	TP-115	TP263	CP203	CP208	CP208	CP210	CP210	
All values in mg/kg unless otherwise stated																				
Aliphatics EC5-EC6	0.001	12	0.001	0.001	0	300	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
Aliphatics >EC6-EC8	0.001	12	0.001	0.001	0	140	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
Aliphatics >EC8-EC10	0.001	12	0.001	0.001	0	78	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
Aliphatics >EC10-EC12	1	12	1	1	0	48	1	1	1	1	1	1	1	1	1	1	1			
Aliphatics >EC12-EC16	2	12	2	6	0	24	2	2	2	6	2	2	4.2	2	2	2	2			
Aliphatics >EC16-EC35	10	12	10	140	0	1000000	10	10	10	100	10	10	110	140	10	10	10			
Aliphatics >EC35-EC44	8.4	12	8.4	60	0	1000000	8.4	8.4	8.4	37	8.4	8.4	55	60	8.4	8.4	8.4			
Aromatics EC5-EC7	0.001	12	0.001	0.001	0	1200	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
Aromatics >EC7-EC8	0.001	12	0.001	0.001	0	870	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
Aromatics >EC8-EC10	0.001	12	0.001	0.001	0	610	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001			
Aromatics >EC10-EC12	1	12	1	1	0	360	1	1	1	1	1	1	1	1	1	1	1			
Aromatics >EC12-EC16	2	12	2	4.3	0	36000	2	2	2	4.3	2	2	2	2	2	2	2			
Aromatics >EC16-EC21	10	12	10	27	0	28000	10	10	10	17	10	10	27	10	10	10	10			
Aromatics >EC21-EC35	10	12	10	89	0	28000	10	10	17	71	10	10	89	60	10	13	10			
Aromatics >EC35-EC44	8.4	12	8.4	59	0	28000	8.4	8.4	8.4	36	8.4	8.4	59	23	8.4	8.4	8.4			

ADDITIVITY CHECK		HAZARD QUOTIENTS FOR EACH FRACTION															
	Aliphatics EC5-EC6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aliphatics >EC6-EC8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Considered additive	Aliphatics >EC8-EC10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aliphatics >EC10-EC12	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
	Aliphatics >EC12-EC16	0.083	0.083	0.083	0.250	0.083	0.083	0.175	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
	Aliphatics >EC16-EC35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aliphatics >EC35-EC44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics EC5-EC7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics >EC7-EC8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Considered additive	Aromatics >EC8-EC10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics >EC10-EC12	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
	Aromatics >EC12-EC16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Considered additive	Aromatics >EC16-EC21	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics >EC21-EC35	0.000	0.000	0.001	0.003	0.000	0.000	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics >EC35-EC44	0.000	0.000	0.000	0.001	0.000	0.000	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Hazard Index for ali>C8-C16	0.104	0.104	0.104	0.271	0.104	0.104	0.104	0.196	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104
	Hazard Index for aro>C8-C16	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
	Hazard Index for aro>C16-C35	0.001	0.001	0.001	0.003	0.001	0.001	0.001	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Hazard Index table - HI or HQ greater than 1 highlighted with yellow shading.

Legend: Main table values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Main table values in red are equal to, or greater than, the generic assessment criterion (GAC).

Risk parameter: Human health - commercial (1%SOM)

Data set: Landfill

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated							Soil Type	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF						
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Location & Depth	CBH-101	CBH-104	CBH-110	CBH-110	TP-103	TP-114	TP-115	TP263	CP203	CP208	CP208	CP208	CP210					
							4.00	7.00	5.00	6.50	1.00	2.20	0.60	1.80	1.00	1.00	5.00	1.20							
Benzene	0.001	12	0.001	0.001	0	27		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001					
Toluene	0.001	12	0.001	0.001	0	870		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001					
Ethylbenzene	0.001	12	0.001	0.001	0	520		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001					
Xylene, o-	0.001	12	0.001	0.001	0	480		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001					
Xylene, m- & p-	0.001	12	0.001	0.001	0	580		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001					
MTBE	0.001	12	0.001	0.001	0	7500		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001					

Risk parameter: Human health - commercial (1%SOM)

Data set: Landfill

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated								Soil Type	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG
								Location & Depth	HP-117	HP-118	HP-121	HP-123	HP-124	HP-129	HP-134	HP-136	HP-137	HP-138	RBH-115
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	US ₉₅	Result of Significance Test	0.00	0.16	0.60	0.50	0.50	0.23	0.78	0.00	0.12	0.14	0.20
Arsenic	1	25	9.5	38	0	640	25.04	POTENTIALLY SUITABLE FOR USE	18	38	16	15	14	37	11	13	23	9.5	21
Beryllium	0.06	25	0.47	2.3	0	390	1.66	POTENTIALLY SUITABLE FOR USE	0.8	1.2	1.3	1.2	1.7	2.3	1.5	0.72	1.4	0.47	1.2
Boron	0.2	25	0.3	3.9	0	190000	2.54	POTENTIALLY SUITABLE FOR USE	0.3	0.5	2.1	0.7	1.3	2.1	0.6	0.9	2.4	0.6	2.3
Cadmium	0.2	25	0.2	3.8	0	220	0.97	POTENTIALLY SUITABLE FOR USE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Chromium (III)	1	25	18	60	0	8400	39.61	POTENTIALLY SUITABLE FOR USE	21	54	33	28	27	60	28	21	41	18	29
Chromium (VI)	1.2	25	1.2	1.2	0	33	1.20	POTENTIALLY SUITABLE FOR USE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Copper	1	25	13	300	0	69000	97.49	POTENTIALLY SUITABLE FOR USE	26	110	18	16	20	29	13	120	26	59	55
Lead	1	25	12	570	0	2330	147.08	POTENTIALLY SUITABLE FOR USE	21	39	22	22	22	23	12	19	28	16	66
Mercury, inorganic	0.3	25	0.3	9.3	0	3600	2.23	POTENTIALLY SUITABLE FOR USE	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Nickel	1	25	8.8	72	0	1700	36.56	POTENTIALLY SUITABLE FOR USE	16	38	28	25	21	72	26	16	29	8.8	27
Selenium	1	25	1	2.2	0	13000	1.26	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Vanadium	1	25	39	110	0	9000	73.02	POTENTIALLY SUITABLE FOR USE	50	110	52	45	52	97	45	62	69	94	52
Zinc	1	25	53	5500	0	670000	1260.35	POTENTIALLY SUITABLE FOR USE	85	120	82	73	74	140	62	74	99	78	150
Cyanide (free)	1	25	1	1	0	16000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Phenol (total)	1	25	1	1	0	1500	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Acenaphthene	0.05	25	0.05	20	0	97000	4.49	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.26	20	0.05	0.05	0.05	0.05	0.05	0.05
Acenaphthylene	0.05	25	0.05	5.9	0	97000	1.32	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	5.9	0.05	0.05	0.05	0.05	0.05	0.05
Anthracene	0.05	25	0.05	28	0	540000	6.49	POTENTIALLY SUITABLE FOR USE	0.05	0.28	0.5	0.59	28	0.05	0.05	0.05	0.26	0.05	0.05
Benz(a)anthracene	0.05	25	0.05	33	0	91	9.06	POTENTIALLY SUITABLE FOR USE	0.05	1.1	1.8	2.4	33	0.05	0.05	0.05	1.3	0.86	0.53
Benzo(a)pyrene	0.05	25	0.05	32	1	14	8.79	POTENTIALLY SUITABLE FOR USE	0.05	1.1	2.1	2.9	32	0.05	0.05	0.05	1.2	0.91	0.56
Benzo(b)fluoranthene	0.05	25	0.05	33	0	98	9.18	POTENTIALLY SUITABLE FOR USE	0.05	1.2	2	2.7	33	0.05	0.05	0.05	1.1	1.1	0.6
Benzo(ghi)perylene	0.05	25	0.05	13	0	640	4.10	POTENTIALLY SUITABLE FOR USE	0.05	0.63	1.2	1.6	13	0.05	0.05	0.05	0.7	0.6	0.41
Benzo(k)fluoranthene	0.05	25	0.05	7.3	0	140	2.96	POTENTIALLY SUITABLE FOR USE	0.05	0.49	0.59	0.98	7.3	0.05	0.05	0.05	0.56	0.5	0.21
Chrysene	0.05	25	0.05	30	0	140	7.95	POTENTIALLY SUITABLE FOR USE	0.05	0.96	1.5	2.5	30	0.05	0.05	0.05	1.2	0.74	0.57
Dibenz(a,h)anthracene	0.05	25	0.05	3.3	0	12	0.99	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.3	0.41	3.3	0.05	0.05	0.05	0.05	0.05	0.05
Fluoranthene	0.05	25	0.05	86	0	23000	22.28	POTENTIALLY SUITABLE FOR USE	0.63	2.1	3.1	4.8	86	0.05	0.05	0.05	2.3	1.2	1
Fluorene	0.05	25	0.05	18	0	68000	4.03	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.18	18	0.05	0.05	0.05	0.05	0.05	0.05
Indeno(1,2,3,cd)pyrene	0.05	25	0.05	12	0	59	3.64	POTENTIALLY SUITABLE FOR USE	0.05	0.6	1	1.4	12	0.05	0.05	0.05	0.55	0.48	0.29
Naphthalene	0.05	25	0.05	13	0	460	2.90	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	13	0.05	0.05	0.05	0.05	0.05	0.05
Phenanthrene	0.05	25	0.05	92	0	22000	21.56	POTENTIALLY SUITABLE FOR USE	0.3	1.6	1.6	2.2	92	0.05	0.05	0.05	1.1	0.54	0.71
Pyrene	0.05	25	0.05	68	0	54000	17.90	POTENTIALLY SUITABLE FOR USE	0.69	1.8	2.8	4.2	68	0.05	0.05	0.05	2	1.1	0.95
Asbestos identified	Y/N								N	N	N	N	N	N	N	N	N	N	N
FOC (dimensionless)	0.018208	(mean)							0.0083	0.015	0.016	0.012	0.03	0.014	0.0032	0.0055	0.02	0.0068	0.028
SOM (calculated)	3.14%	(mean)							1.43%	2.59%	2.76%	2.07%	5.17%	2.41%	0.55%	0.95%	3.45%	1.17%	4.83%
pH (su)	8.1	(mean)							10.6	8	8.2	8.3	8.3	8	8.5	8.5	8.2	8.7	8.1

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated								Soil Type	MG	T-MG	T-MG	T-MG	T-MG	MG	MG	MG	MG	MG	MG
								Location & Depth	RBH-116	HP-111	HP-113	HP-114	HP-116	TP225	TP301	TP303	TP306	TP308	TP309
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	US ₉₅	Result of Significance Test	0.10	0.00	0.00	0.00	0.00	1.50	1.50	0.60	0.60	0.60	0.70
Arsenic	1	25	9.5	38	0	640	25.04	POTENTIALLY SUITABLE FOR USE	20	20	27	21	18	14	18	15	15	14	15
Beryllium	0.06	25	0.47	2.3	0	390	1.66	POTENTIALLY SUITABLE FOR USE	1.4	1.4	1.2	1.8	1.1	1.6	1.3	1.4	1.3	1.6	0.99
Boron	0.2	25	0.3	3.9	0	190000	2.54	POTENTIALLY SUITABLE FOR USE	3	3.5	2.1	3.4	3.3	0.5	0.9	0.8	0.7	0.4	0.6
Cadmium	0.2	25	0.2	3.8	0	220	0.97	POTENTIALLY SUITABLE FOR USE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Chromium (III)	1	25	18	60	0	8400	39.61	POTENTIALLY SUITABLE FOR USE	32	34	24	38	31	24	31	29	33	29	26
Chromium (VI)	1.2	25	1.2	1.2	0	33	1.20	POTENTIALLY SUITABLE FOR USE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Copper	1	25	13	300	0	69000	97.49	POTENTIALLY SUITABLE FOR USE	23	55	14	46	19	23	21	17	25	22	23
Lead	1	25	12	570	0	2330	147.08	POTENTIALLY SUITABLE FOR USE	34	62	17	67	32	13	27	20	26	18	32
Mercury, inorganic	0.3	25	0.3	9.3	0	3600	2.23	POTENTIALLY SUITABLE FOR USE	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Nickel	1	25	8.8	72	0	1700	36.56	POTENTIALLY SUITABLE FOR USE	27	24	25	30	23	28	25	23	24	23	23
Selenium	1	25	1	2.2	0	13000	1.26	POTENTIALLY SUITABLE FOR USE	1	1	2.2	1	1	1	1	1	1	1	1
Vanadium	1	25	39	110	0	9000	73.02	POTENTIALLY SUITABLE FOR USE	59	51	39	64	53	42	53	51	53	46	43
Zinc	1	25	53	5500	0	670000	1260.35	POTENTIALLY SUITABLE FOR USE	110	290	60	190	110	53	73	68	77	71	120
Cyanide (free)	1	25	1	1	0	16000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Phenol (total)	1	25	1	1	0	1500	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1	1	1	1	1	1	1	1	1
Acenaphthene	0.05	25	0.05	20	0	97000	4.49	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.34	0.43	0.05	2.1	0.96
Acenaphthylene	0.05	25	0.05	5.9	0	97000	1.32	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Anthracene	0.05	25	0.05	28	0	540000	6.49	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.72	0.9	0.39	4.6	1.5
Benz(a)anthracene	0.05	25	0.05	33	0	91	9.06	POTENTIALLY SUITABLE FOR USE	0.33	0.52	0.05	0.24	0.05	0.05	2.4	3.1	1.3	13	2.3
Benzo(a)pyrene	0.05	25	0.05	32	1	14	8.79	POTENTIALLY SUITABLE FOR USE	0.45	0.51	0.05	0.05	0.05	0.05	2.5	3.4	1.5	10	2.5
Benzo(b)fluoranthene	0.05	25	0.05	33	0	98	9.18	POTENTIALLY SUITABLE FOR USE	0.42	0.53	0.05	0.05	0.05	0.05	2.8	3.7	1.5	13	2.6
Benzo(ghi)perylene	0.05	25	0.05	13	0	640	4.10	POTENTIALLY SUITABLE FOR USE	0.05	0.37	0.05	0.05	0.05	0.05	1.6	2.1	1	6	1.6
Benzo(k)fluoranthene	0.05	25	0.05	7.3	0	140	2.96	POTENTIALLY SUITABLE FOR USE	0.2	0.28	0.05	0.05	0.05	0.05	1	1.5	0.68	6.1	1
Chrysene	0.05	25	0.05	30	0	140	7.95	POTENTIALLY SUITABLE FOR USE	0.34	0.46	0.05	0.23	0.05	0.05	2.3	2.7	1.3	8	2
Dibenz(a,h)anthracene	0.05	25	0.05	3.3	0	12	0.99	POTENTIALLY SUITABLE FOR USE	0.05	0.06	0.05	0.05	0.05	0.05	0.32	0.41	0.21	1.3	0.31
Fluoranthene	0.05	25	0.05	86	0	23000	22.28	POTENTIALLY SUITABLE FOR USE	0.6	0.88	0.05	0.37	0.46	0.05	5.8	7.3	2.6	26	5.6
Fluorene	0.05	25	0.05	18	0	68000	4.03	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.31	0.39	0.05	1.7	0.75
Indeno(1,2,3,cd)pyrene	0.05	25	0.05	12	0	59	3.64	POTENTIALLY SUITABLE FOR USE	0.05	0.27	0.05	0.05	0.05	0.05	1.3	1.6	0.75	4.9	1.4
Naphthalene	0.05	25	0.05	13	0	460	2.90	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.52	1.4
Phenanthrene	0.05	25	0.05	92	0	22000	21.56	POTENTIALLY SUITABLE FOR USE	0.23	0.43	0.05	0.26	0.23	0.05	2.5	3.7	1.5	16	5.4
Pyrene	0.05	25	0.05	68	0	54000	17.90	POTENTIALLY SUITABLE FOR USE	0.63	0.82	0.05	0.4	0.38	0.05	4.8	6.1	2.2	22	4.3
Asbestos identified	Y/N								Y	N	N	N	N	N	N	N	N	N	N
FOC (dimensionless)	0.018208	(mean)							0.021	0.04	0.018	0.029	0.026	0.0074	0.016	0.012	0.01	0.012	0.01
SOM (calculated)	3.14%	(mean)							3.62%	6.90%	3.10%	5.00%	4.48%	1.28%	2.76%	2.07%	1.72%	2.07%	1.72%
pH (su)	8.1	(mean)							8.2	7.6	8	7.6	8.1	7.9	7.8	7.7	8.1	7.9	7.2

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated								Soil Type	MG	MG	T-MG						
								Location & Depth	TP309	TP310	TP242						
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	US ₉₅	Result of Significance Test	2.95	1.50	0.10						
									Arsenic	1	25	9.5	38	0	640	25.04	POTENTIALLY SUITABLE FOR USE
Beryllium	0.06	25	0.47	2.3	0	390	1.66	POTENTIALLY SUITABLE FOR USE	1.1	1.9	1.2						
Boron	0.2	25	0.3	3.9	0	190000	2.54	POTENTIALLY SUITABLE FOR USE	3.9	0.8	0.6						
Cadmium	0.2	25	0.2	3.8	0	220	0.97	POTENTIALLY SUITABLE FOR USE	3.8	0.2	0.2						
Chromium (III)	1	25	18	60	0	8400	39.61	POTENTIALLY SUITABLE FOR USE	35	24	34						
Chromium (VI)	1.2	25	1.2	1.2	0	33	1.20	POTENTIALLY SUITABLE FOR USE	1.2	1.2	1.2						
Copper	1	25	13	300	0	69000	97.49	POTENTIALLY SUITABLE FOR USE	300	28	29						
Lead	1	25	12	570	0	2330	147.08	POTENTIALLY SUITABLE FOR USE	570	50	41						
Mercury, inorganic	0.3	25	0.3	9.3	0	3600	2.23	POTENTIALLY SUITABLE FOR USE	9.3	0.3	0.3						
Nickel	1	25	8.8	72	0	1700	36.56	POTENTIALLY SUITABLE FOR USE	37	18	31						
Selenium	1	25	1	2.2	0	13000	1.26	POTENTIALLY SUITABLE FOR USE	1	1	1						
Vanadium	1	25	39	110	0	9000	73.02	POTENTIALLY SUITABLE FOR USE	49	50	59						
Zinc	1	25	53	5500	0	670000	1260.35	POTENTIALLY SUITABLE FOR USE	5500	94	95						
Cyanide (free)	1	25	1	1	0	16000	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1						
Phenol (total)	1	25	1	1	0	1500	1.00	POTENTIALLY SUITABLE FOR USE	1	1	1						
Acenaphthene	0.05	25	0.05	20	0	97000	4.49	POTENTIALLY SUITABLE FOR USE	0.05	0.6	0.05						
Acenaphthylene	0.05	25	0.05	5.9	0	97000	1.32	POTENTIALLY SUITABLE FOR USE	0.05	0.36	0.05						
Anthracene	0.05	25	0.05	28	0	540000	6.49	POTENTIALLY SUITABLE FOR USE	0.05	2.1	0.05						
Benzo(a)anthracene	0.05	25	0.05	33	0	91	9.06	POTENTIALLY SUITABLE FOR USE	1	9.4	0.05						
Benzo(a)pyrene	0.05	25	0.05	32	1	14	8.79	POTENTIALLY SUITABLE FOR USE	1.2	11	0.05						
Benzo(b)fluoranthene	0.05	25	0.05	33	0	98	9.18	POTENTIALLY SUITABLE FOR USE	0.97	10	0.05						
Benzo(ghi)perylene	0.05	25	0.05	13	0	640	4.10	POTENTIALLY SUITABLE FOR USE	0.77	6.6	0.05						
Benzo(k)fluoranthene	0.05	25	0.05	7.3	0	140	2.96	POTENTIALLY SUITABLE FOR USE	0.6	6.2	0.05						
Chrysene	0.05	25	0.05	30	0	140	7.95	POTENTIALLY SUITABLE FOR USE	0.96	8.8	0.05						
Dibenz(a,h)anthracene	0.05	25	0.05	3.3	0	12	0.99	POTENTIALLY SUITABLE FOR USE	0.05	1.6	0.05						
Fluoranthene	0.05	25	0.05	86	0	23000	22.28	POTENTIALLY SUITABLE FOR USE	1.9	20	0.05						
Fluorene	0.05	25	0.05	18	0	68000	4.03	POTENTIALLY SUITABLE FOR USE	0.05	0.51	0.05						
Indeno(1,2,3,cd)pyrene	0.05	25	0.05	12	0	59	3.64	POTENTIALLY SUITABLE FOR USE	0.64	5.7	0.05						
Naphthalene	0.05	25	0.05	13	0	460	2.90	POTENTIALLY SUITABLE FOR USE	0.05	0.05	0.05						
Phenanthrene	0.05	25	0.05	92	0	22000	21.56	POTENTIALLY SUITABLE FOR USE	0.96	7.7	0.05						
Pyrene	0.05	25	0.05	68	0	54000	17.90	POTENTIALLY SUITABLE FOR USE	1.7	17	0.05						
Asbestos identified	Y/N								N	N	N						
FOC (dimensionless)	0.018208	(mean)							0.049	0.029	0.017						
SOM (calculated)	3.14%	(mean)							8.45%	5.00%	2.93%						
pH (su)	8.1	(mean)							6.8	8	7.5						

Risk parameter: Human health - commercial (2.5%SOM)
Data set: Made Ground
Client: Equites Newlands (Thrapston East) Ltd
Site: Land Adjacent Halden Parkway Thrapston
Job no.: C-18443
Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type												
							Location & Depth		MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG
							HP-118	HP-123	HP-129	HP-136	HP-137	RBH-115	TP301	TP303	TP306	TP309	TP309	TP310	
All values in mg/kg unless otherwise stated																			
Aliphatics EC5-EC6	0.001	12	0.001	0.001	0	560	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Aliphatics >EC6-EC8	0.001	12	0.001	0.001	0	320	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Aliphatics >EC8-EC10	0.001	12	0.001	0.001	0	190	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Aliphatics >EC10-EC12	1	12	1	1	0	120	1	1	1	1	1	1	1	1	1	1	1	1	
Aliphatics >EC12-EC16	2	12	2	24	0	59	2	24	2	2	2	2	2	2	2	3	2		
Aliphatics >EC16-EC35	10	12	10	1100	0	1000000	10	380	10	10	10	10	30	10	91	1100	47		
Aliphatics >EC35-EC44	8.4	12	8.4	200	0	1000000	8.4	200	8.4	8.4	8.4	8.4	16	8.4	8.4	120	25		
Aromatics EC5-EC7	0.001	12	0.001	0.001	0	2300	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Aromatics >EC7-EC8	0.001	12	0.001	0.001	0	1900	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Aromatics >EC8-EC10	0.001	12	0.001	0.001	0	1500	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Aromatics >EC10-EC12	1	12	1	22	0	900	1	22	1	1	1	1	1	1	3.4	1	1		
Aromatics >EC12-EC16	2	12	2	150	0	37000	2	150	2	2	2	3.5	7	2	7.8	2	12		
Aromatics >EC16-EC21	10	12	10	550	0	28000	10	550	10	10	10	15	20	10	16	36	92		
Aromatics >EC21-EC35	10	12	10	970	0	28000	33	970	10	18	10	24	33	21	19	110	170		
Aromatics >EC35-EC44	8.4	12	8.4	400	0	28000	8.4	400	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	47		

ADDITIVITY CHECK		HAZARD QUOTIENTS FOR EACH FRACTION																
	Aliphatics EC5-EC6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aliphatics >EC6-EC8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Considered additive	Aliphatics >EC8-EC10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aliphatics >EC10-EC12	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
	Aliphatics >EC12-EC16	0.034	0.407	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.051	0.034	
	Aliphatics >EC16-EC35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	
	Aliphatics >EC35-EC44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics EC5-EC7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics >EC7-EC8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Considered additive	Aromatics >EC8-EC10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aromatics >EC10-EC12	0.001	0.024	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.001	0.001	
	Aromatics >EC12-EC16	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Considered additive	Aromatics >EC16-EC21	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.003	
	Aromatics >EC21-EC35	0.001	0.035	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.004	0.006	
	Aromatics >EC35-EC44	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	
	Hazard Index for ali>C8-C16	0.042	0.415	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.059	0.042	
	Hazard Index for aro>C8-C16	0.001	0.028	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	0.001	0.001	
	Hazard Index for aro>C16-C35	0.002	0.054	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.005	0.009	

Hazard Index table - HI or HQ greater than 1 highlighted with yellow shading.

Legend: Main table values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Main table values in red are equal to, or greater than, the generic assessment criterion (GAC).

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	
							Location & Depth	HP-118	HP-123	HP-129	HP-136	HP-137	RBH-115	TP301	TP303	TP306	TP309	TP309	TP309	TP310	
All values in mg/kg unless otherwise stated																					
								0.16	0.50	0.23	0.00	0.12	0.20	1.50	0.60	0.60	0.70	2.95	1.50		
Benzene	0.001	12	0.001	0.001	0	48		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Toluene	0.001	12	0.001	0.001	0	1900		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Ethylbenzene	0.001	12	0.001	0.001	0	1200		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Xylene, o-	0.001	12	0.001	0.001	0	1100		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Xylene, m- & p-	0.001	12	0.001	0.001	0	1400		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
MTBE	0.001	12	0.001	0.001	0	12000		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type																					
							Location & Depth							AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG
							HP102	HP-103	HP-104	HP-106	HP-107	HP-108	HP-109	HP-122	HP-126	HP-128	HP-129	HP-130	HP-134	TP206	TP223	TP247						
All values in mg/kg unless otherwise stated							0.20	0.00	0.00	0.00	0.10	0.30	0.10	0.60	0.20	0.25	0.00	0.00	0.00	0.10	0.20	0.10						
Arsenic	1	20	11	33	0	640	11	14	22	16	18	29	31	23	17	22	24	21	19	19	17	11						
Beryllium	0.06	20	0.77	2.2	0	390	0.88	0.96	1.5	2.2	2.1	1.3	1.4	1.5	0.94	1.6	1.7	1.4	1.9	1.5	1.1	0.77						
Boron	0.2	20	0.4	4.1	0	190000	2.1	1.5	0.8	2.1	4.1	1.8	2.2	2.3	0.7	2.2	2.2	1.1	1.2	1.1	0.8	0.6						
Cadmium	0.2	20	0.2	0.2	0	220	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2						
Chromium (III)	1	20	24	48	0	8400	26	27	39	37	41	39	43	38	27	37	48	38	37	37	30	24						
Chromium (VI)	1.2	20	1.2	1.2	0	33	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	1.2	1.2	1.2						
Copper	1	20	10	28	0	69000	12	17	17	25	20	10	15	19	13	15	26	24	22	25	24	16						
Lead	1	20	15	83	0	2330	22	23	26	26	27	15	26	30	26	17	31	39	24	28	33	28						
Mercury, inorganic	0.3	20	0.3	0.3	0	3600	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	0.3	0.3						
Nickel	1	20	13	47	0	1700	20	21	32	34	34	30	34	34	20	47	43	34	35	30	29	13						
Selenium	1	20	1	3.2	0	13000	1	1	1	1	1	3.2	1	1	1	1	1	1	1	1	1	1						
Vanadium	1	20	41	86	0	9000	41	43	65	63	71	73	80	65	49	63	80	64	63	62	54	41						
Zinc	1	20	57	120	0	670000	63	66	88	76	78	70	97	100	75	85	120	98	74	76	77	57						
Cyanide (free)	1	20	1	1	0	16000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Phenol (total)	1	20	1	1	0	1500	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Acenaphthene	0.05	20	0.05	0.05	0	97000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Acenaphthylene	0.05	20	0.05	0.05	0	97000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Anthracene	0.05	20	0.05	0.05	0	540000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Benz(a)anthracene	0.05	20	0.05	1.1	0	91	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.1	0.05	0.05	0.3	0.05	0.05	0.05	0.05	0.05						
Benzo(a)pyrene	0.05	20	0.05	1.2	0	14	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Benzo(b)fluoranthene	0.05	20	0.05	1.3	0	98	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.3	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Benzo(ghi)perylene	0.05	20	0.05	0.72	0	640	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.72	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Benzo(k)fluoranthene	0.05	20	0.05	0.36	0	140	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.36	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Chrysene	0.05	20	0.05	0.96	0	140	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.96	0.05	0.05	0.27	0.05	0.05	0.05	0.05	0.05						
Dibenz(a,h)anthracene	0.05	20	0.05	0.05	0	12	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Fluoranthene	0.05	20	0.05	1.7	0	23000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.7	0.05	0.05	0.56	0.05	0.05	0.05	0.05	0.05						
Fluorene	0.05	20	0.05	0.05	0	68000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Indeno(1,2,3,cd)pyrene	0.05	20	0.05	0.59	0	59	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.59	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Naphthalene	0.05	20	0.05	0.05	0	460	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
Phenanthrene	0.05	20	0.05	0.77	0	22000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.77	0.05	0.05	0.53	0.05	0.05	0.05	0.05	0.05						
Pyrene	0.05	20	0.05	1.6	0	54000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.6	0.05	0.05	0.55	0.05	0.05	0.05	0.05	0.05						
Asbestos identified	Y/N						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						
FOC (dimensionless)	0.02005	(mean)					0.018	0.013	0.024	0.017	0.024	0.012	0.028	0.019	0.017	0.011	0.02	0.018	0.017	0.022	0.018	0.018						
SOM (calculated)	3.46%	(mean)					3.10%	2.24%	4.14%	2.93%	4.14%	2.07%	4.83%	3.28%	2.93%	1.90%	3.45%	3.10%	2.93%	3.79%	3.10%	3.10%						
pH (su)	7.9	(mean)					7.4	7.6	7.9	8.2	8.2	8.3	7.8	8	7.9	8.3	7.9	8.1	8.1	7.8	8	7.3						

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Agriculturally Disturbed Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Haldens Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type	AG	AG	AG	AG														
							Location & Depth		TP253	TP275	TP291	TP313													
									0.20	0.10	0.20	0.20													
Arsenic	1	20	11	33	0	640	33	20	16	17															
Beryllium	0.06	20	0.77	2.2	0	390	1.5	2.1	1.1	1.4															
Boron	0.2	20	0.4	4.1	0	190000	0.4	2.6	0.9	0.5															
Cadmium	0.2	20	0.2	0.2	0	220	0.2	0.2	0.2	0.2															
Chromium (III)	1	20	24	48	0	8400	45	38	32	29															
Chromium (VI)	1.2	20	1.2	1.2	0	33	1.2	1.2	1.2	1.2															
Copper	1	20	10	28	0	69000	18	28	21	18															
Lead	1	20	15	83	0	2330	83	28	32	24															
Mercury, inorganic	0.3	20	0.3	0.3	0	3600	0.3	0.3	0.3	0.3															
Nickel	1	20	13	47	0	1700	35	33	23	25															
Selenium	1	20	1	3.2	0	13000	1	1	1	1															
Vanadium	1	20	41	86	0	9000	86	67	53	51															
Zinc	1	20	57	120	0	670000	94	90	71	57															
Cyanide (free)	1	20	1	1	0	16000	1	1	1	1															
Phenol (total)	1	20	1	1	0	1500	1	1	1	1															
Acenaphthene	0.05	20	0.05	0.05	0	97000	0.05	0.05	0.05	0.05															
Acenaphthylene	0.05	20	0.05	0.05	0	97000	0.05	0.05	0.05	0.05															
Anthracene	0.05	20	0.05	0.05	0	540000	0.05	0.05	0.05	0.05															
Benzo(a)anthracene	0.05	20	0.05	1.1	0	91	0.05	0.05	0.05	0.05															
Benzo(a)pyrene	0.05	20	0.05	1.2	0	14	0.05	0.05	0.05	0.05															
Benzo(b)fluoranthene	0.05	20	0.05	1.3	0	98	0.05	0.05	0.05	0.05															
Benzo(ghi)perylene	0.05	20	0.05	0.72	0	640	0.05	0.05	0.05	0.05															
Benzo(k)fluoranthene	0.05	20	0.05	0.36	0	140	0.05	0.05	0.05	0.05															
Chrysene	0.05	20	0.05	0.96	0	140	0.05	0.05	0.05	0.05															
Dibenz(a,h)anthracene	0.05	20	0.05	0.05	0	12	0.05	0.05	0.05	0.05															
Fluoranthene	0.05	20	0.05	1.7	0	23000	0.05	0.05	0.42	0.05															
Fluorene	0.05	20	0.05	0.05	0	68000	0.05	0.05	0.05	0.05															
Indeno(1,2,3,cd)pyrene	0.05	20	0.05	0.59	0	59	0.05	0.05	0.05	0.05															
Naphthalene	0.05	20	0.05	0.05	0	460	0.05	0.05	0.05	0.05															
Phenanthrene	0.05	20	0.05	0.77	0	22000	0.05	0.05	0.26	0.05															
Pyrene	0.05	20	0.05	1.6	0	54000	0.05	0.05	0.35	0.05															
Asbestos identified	Y/N						N	N	N	N															
FOC (dimensionless)	0.02005	(mean)					0.028	0.039	0.016	0.022															
SOM (calculated)	3.46%	(mean)					4.83%	6.72%	2.76%	3.79%															
pH (su)	7.9	(mean)					7.8	7.2	7.5	7.9															

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Agriculturally Disturbed Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Haldens Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated

Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	Soil Type Location & Depth GAC	AG	AG	AG										
							TP206 0.10	TP253 0.20	TP313 0.20										
Aliphatics EC5-EC6	0.001	3	0.001	0.001	0	560	0.001	0.001	0.001										
Aliphatics >EC6-EC8	0.001	3	0.001	0.001	0	320	0.001	0.001	0.001										
Aliphatics >EC8-EC10	0.001	3	0.001	0.001	0	190	0.001	0.001	0.001										
Aliphatics >EC10-EC12	1	3	1	1	0	120	1	1	1										
Aliphatics >EC12-EC16	2	3	2	2	0	59	2	2	2										
Aliphatics >EC16-EC35	10	3	10	10	0	1000000	10	10	10										
Aliphatics >EC35-EC44	8.4	3	8.4	8.4	0	1000000	8.4	8.4	8.4										
Aromatics EC5-EC7	0.001	3	0.001	0.001	0	2300	0.001	0.001	0.001										
Aromatics >EC7-EC8	0.001	3	0.001	0.001	0	1900	0.001	0.001	0.001										
Aromatics >EC8-EC10	0.001	3	0.001	0.001	0	1500	0.001	0.001	0.001										
Aromatics >EC10-EC12	1	3	1	1	0	900	1	1	1										
Aromatics >EC12-EC16	2	3	2	2	0	37000	2	2	2										
Aromatics >EC16-EC21	10	3	10	10	0	28000	10	10	10										
Aromatics >EC21-EC35	10	3	10	10	0	28000	10	10	10										
Aromatics >EC35-EC44	8.4	3	8.4	8.4	0	28000	8.4	8.4	8.4										

ADDITIVITY CHECK		HAZARD QUOTIENTS FOR EACH FRACTION		
Aliphatics EC5-EC6		0.000	0.000	0.000
Aliphatics >EC6-EC8		0.000	0.000	0.000
Aliphatics >EC8-EC10		0.000	0.000	0.000
Considered additive Aliphatics >EC10-EC12		0.008	0.008	0.008
Aliphatics >EC12-EC16		0.034	0.034	0.034
Aliphatics >EC16-EC35		0.000	0.000	0.000
Aliphatics >EC35-EC44		0.000	0.000	0.000
Aromatics EC5-EC7		0.000	0.000	0.000
Aromatics >EC7-EC8		0.000	0.000	0.000
Aromatics >EC8-EC10		0.000	0.000	0.000
Considered additive Aromatics >EC10-EC12		0.001	0.001	0.001
Aromatics >EC12-EC16		0.000	0.000	0.000
Aromatics >EC16-EC21		0.000	0.000	0.000
Considered additive Aromatics >EC21-EC35		0.000	0.000	0.000
Aromatics >EC35-EC44		0.000	0.000	0.000
Hazard Index for ali>C8-C16		0.042	0.042	0.042
Hazard Index for aro>C8-C16		0.001	0.001	0.001
Hazard Index for aro>C16-C35		0.001	0.001	0.001

Hazard Index table - HI or HQ greater than 1 highlighted with yellow shading.

Risk parameter: Human health - commercial (2.5%SOM)
Data set: Agriculturally Disturbed Topsoil
Client: Equites Newlands (Thrapston East) Ltd
Site: Land Adjacent Halden Parkway Thrapston
Job no.: C-18443
Lab. report no(s): 21-30239, 21-30663

Legend: Main table values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate.
 Main table values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated							Soil Type	AG	AG	AG										
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Location & Depth	TP206	TP253	TP313										
								0.10	0.20	0.20										
Benzene	0.001	3	0.001	0.001	0	48		0.001	0.001	0.001										
Toluene	0.001	3	0.001	0.001	0	1900		0.001	0.001	0.001										
Ethylbenzene	0.001	3	0.001	0.001	0	1200		0.001	0.001	0.001										
Xylene, o-	0.001	3	0.001	0.001	0	1100		0.001	0.001	0.001										
Xylene, m- & p-	0.001	3	0.001	0.001	0	1400		0.001	0.001	0.001										
MTBE	0.001	3	0.001	0.001	0	12000		0.001	0.001	0.001										

Risk parameter: Human health - commercial (2.5%SOM)

Data set: Agriculturally Disturbed Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	Soil Type		BLF	GF	GT	GT	GT	GT	GT	GT	GT	GT	GT	HD	HD	HD	HD	
					Location & Depth		HP-106	TP-120	HP-101	HP-113	RBH-116	TP-101	TP201	TP213	TP216	TP242	TP261	CP209	TP205	TP234	TP270	TP274
					No. Samples > or = GAC	GAC	0.28	1.70	0.40	0.80	0.80	0.50	0.40	0.30	0.30	1.50	0.90	2.00	0.50	0.40	0.50	0.50
Arsenic	1	18	6.4	42	0	640	19	18	14	6.4	25	18	15	17	17	15	15	16	11	14	23	14
Beryllium	0.06	18	0.8	3.1	0	390	1.3	1.1	0.88	3.1	1.6	1	0.95	1.2	1.2	0.8	0.87	0.99	1	1.2	1.4	1.2
Boron	0.2	18	0.3	4.8	0	190000	2	0.8	0.5	4.8	2.3	0.5	0.5	0.5	0.6	0.4	0.7	0.9	1	0.5	1.3	0.6
Cadmium	0.2	18	0.2	0.2	0	220	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Chromium (III)	1	18	21	48	0	8400	22	31	25	26	41	29	26	32	34	22	24	26	29	21	35	32
Chromium (VI)	1.2	18	1.2	1.2	0	33	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	1.2	1.2	1.2
Copper	1	18	8.7	26	0	69000	15	19	12	25	18	16	19	23	23	19	18	26	14	22	16	11
Lead	1	18	9.4	37	0	2330	15	37	12	14	21	16	11	25	33	11	12	13	14	11	18	12
Mercury, inorganic	0.3	18	0.3	0.3	0	3600	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	0.3	0.3
Nickel	1	18	18	40	0	1700	40	25	28	32	34	24	25	29	28	23	24	29	18	25	34	29
Selenium	1	18	1	1	0	13000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vanadium	1	18	32	120	0	9000	46	57	41	32	72	52	43	54	60	35	40	39	47	37	66	51
Zinc	1	18	30	130	0	670000	49	79	58	30	96	75	44	71	71	51	59	72	60	42	79	46
Cyanide (free)	1	18	1	1	0	16000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Phenol (total)	1	18	1	1	0	760	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Acenaphthene	0.05	18	0.05	0.05	0	84000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Acenaphthylene	0.05	18	0.05	0.05	0	83000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Anthracene	0.05	18	0.05	0.05	0	520000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(a)anthracene	0.05	18	0.05	0.05	0	86	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(a)pyrene	0.05	18	0.05	0.05	0	14	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(b)fluoranthene	0.05	18	0.05	0.05	0	97	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(ghi)perylene	0.05	18	0.05	0.05	0	630	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Benzo(k)fluoranthene	0.05	18	0.05	0.05	0	140	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Chrysene	0.05	18	0.05	0.05	0	140	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Dibenz(a,h)anthracene	0.05	18	0.05	0.05	0	12	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Fluoranthene	0.05	18	0.05	0.05	0	23000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Fluorene	0.05	18	0.05	0.05	0	63000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Indeno(1,2,3,cd)pyrene	0.05	18	0.05	0.05	0	58	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Naphthalene	0.05	18	0.05	0.05	0	190	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Phenanthrene	0.05	18	0.05	0.05	0	22000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Pyrene	0.05	18	0.05	0.05	0	54000	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Asbestos identified	Y/N						N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
FOC (dimensionless)	0.007789	(mean)					0.0055	0.018	0.0044	0.0036	0.011	0.0061	0.0055	0.019	0.015	0.0057	0.0056	0.01	0.0077	0.0056	0.0075	0.0063
SOM (calculated)	1.34%	(mean)					0.95%	3.10%	0.76%	0.62%	1.90%	1.05%	0.95%	3.28%	2.59%	0.98%	0.97%	1.72%	1.33%	0.97%	1.29%	1.09%
pH (su)	7.9	(mean)					8.4	7.4	7.8	7.6	8.3	8.2	8.2	7.8	7.8	8.2	8	7.7	8.1	8.1	7.6	7.8

Risk parameter: Human health - commercial (1%SOM)

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Human Health



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type	GF	GF												
							Location & Depth	CP209	CP210												
All values in mg/kg unless otherwise stated								4.00	8.00												
Arsenic	1	18	6.4	42	0	640		31	42												
Beryllium	0.06	18	0.8	3.1	0	390		1.1	2.2												
Boron	0.2	18	0.3	4.8	0	190000		0.6	0.3												
Cadmium	0.2	18	0.2	0.2	0	220		0.2	0.2												
Chromium (III)	1	18	21	48	0	8400		30	48												
Chromium (VI)	1.2	18	1.2	1.2	0	33		1.2	1.2												
Copper	1	18	8.7	26	0	69000		8.7	15												
Lead	1	18	9.4	37	0	2330		9.4	17												
Mercury, inorganic	0.3	18	0.3	0.3	0	3600		0.3	0.3												
Nickel	1	18	18	40	0	1700		22	35												
Selenium	1	18	1	1	0	13000		1	1												
Vanadium	1	18	32	120	0	9000		66	120												
Zinc	1	18	30	130	0	670000		64	130												
Cyanide (free)	1	18	1	1	0	16000		1	1												
Phenol (total)	1	18	1	1	0	760		1	1												
Acenaphthene	0.05	18	0.05	0.05	0	84000		0.05	0.05												
Acenaphthylene	0.05	18	0.05	0.05	0	83000		0.05	0.05												
Anthracene	0.05	18	0.05	0.05	0	520000		0.05	0.05												
Benzo(a)anthracene	0.05	18	0.05	0.05	0	86		0.05	0.05												
Benzo(a)pyrene	0.05	18	0.05	0.05	0	14		0.05	0.05												
Benzo(b)fluoranthene	0.05	18	0.05	0.05	0	97		0.05	0.05												
Benzo(ghi)perylene	0.05	18	0.05	0.05	0	630		0.05	0.05												
Benzo(k)fluoranthene	0.05	18	0.05	0.05	0	140		0.05	0.05												
Chrysene	0.05	18	0.05	0.05	0	140		0.05	0.05												
Dibenz(a,h)anthracene	0.05	18	0.05	0.05	0	12		0.05	0.05												
Fluoranthene	0.05	18	0.05	0.05	0	23000		0.05	0.05												
Fluorene	0.05	18	0.05	0.05	0	63000		0.05	0.05												
Indeno(1,2,3,cd)pyrene	0.05	18	0.05	0.05	0	58		0.05	0.05												
Naphthalene	0.05	18	0.05	0.05	0	190		0.05	0.05												
Phenanthrene	0.05	18	0.05	0.05	0	22000		0.05	0.05												
Pyrene	0.05	18	0.05	0.05	0	54000		0.05	0.05												
Asbestos identified	Y/N							N	N												
FOC (dimensionless)	0.007789	(mean)						0.002	0.0017												
SOM (calculated)	1.34%	(mean)						0.34%	0.29%												
pH (su)	7.9	(mean)						8	8												

Risk parameter: Human health - commercial (1%SOM)

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated

Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type																																								
							Location & Depth		GT	GT	GT	GT	GT	GT	HD	HD												HD																			
							HP-113	RBH-116	TP-101	TP201	TP213	CP209	TP205	TP234	TP274																																
Aliphatics EC5-EC6	0.001	9	0.001	0.001	0	300	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001																															
Aliphatics >EC6-EC8	0.001	9	0.001	0.001	0	140	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001																															
Aliphatics >EC8-EC10	0.001	9	0.001	0.001	0	78	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001																															
Aliphatics >EC10-EC12	1	9	1	4.1	0	48	1	1	1	4.1	1	1	1	1	1	1																															
Aliphatics >EC12-EC16	2	9	2	3.9	0	24	2	2	2	3.9	2	2	2	2	2	2																															
Aliphatics >EC16-EC35	10	9	10	10	0	1000000	10	10	10	10	10	10	10	10	10	10																															
Aliphatics >EC35-EC44	8.4	9	8.4	8.4	0	1000000	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4																															
Aromatics EC5-EC7	0.001	9	0.001	0.001	0	1200	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001																															
Aromatics >EC7-EC8	0.001	9	0.001	0.001	0	870	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001																															
Aromatics >EC8-EC10	0.001	9	0.001	0.001	0	610	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001																															
Aromatics >EC10-EC12	1	9	1	1	0	360	1	1	1	1	1	1	1	1	1	1																															
Aromatics >EC12-EC16	2	9	2	2	0	36000	2	2	2	2	2	2	2	2	2	2																															
Aromatics >EC16-EC21	10	9	10	10	0	28000	10	10	10	10	10	10	10	10	10	10																															
Aromatics >EC21-EC35	10	9	10	16	0	28000	10	10	16	10	10	10	10	10	10	10																															
Aromatics >EC35-EC44	8.4	9	8.4	8.4	0	28000	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4																															
ADDITIVITY CHECK							HAZARD QUOTIENTS FOR EACH FRACTION																																								
Aliphatics EC5-EC6							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aliphatics >EC6-EC8							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aliphatics >EC8-EC10							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Considered additive	Aliphatics >EC10-EC12						0.021	0.021	0.021	0.085	0.021	0.021	0.021	0.021	0.021	0.021																															
Aliphatics >EC12-EC16							0.083	0.083	0.083	0.163	0.083	0.083	0.083	0.083	0.083	0.083																															
Aliphatics >EC16-EC35							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aliphatics >EC35-EC44							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aromatics EC5-EC7							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aromatics >EC7-EC8							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Considered additive	Aromatics >EC8-EC10						0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aromatics >EC10-EC12							0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003																															
Aromatics >EC12-EC16							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aromatics >EC16-EC21							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Considered additive	Aromatics >EC21-EC35						0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Aromatics >EC35-EC44							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000																															
Hazard Index for ali>C8-C16							0.104	0.104	0.104	0.248	0.104	0.104	0.104	0.104	0.104	0.104																															
Hazard Index for aro>C8-C16							0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003																															
Hazard Index for aro>C16-C35							0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001																															
Hazard Index table - HI or HQ greater than 1 highlighted with yellow shading.																																															
Risk parameter: Human health - commercial (1%SOM)							Legend: Main table values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate.																																								
Data set: Natural							Main table values in red are equal to, or greater than, the generic assessment criterion (GAC).																																								
Client: Equites Newlands (Thrapston East) Ltd																																															
Site: Land Adjacent Halden Parkway Thrapston																																															
Job no.: C-18443																																															
Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663																																															

Assessment of Chemicals of Potential Concern to Human Health



All values in mg/kg unless otherwise stated							Soil Type	GT	GT	GT	GT	GT	GT	HD	HD	HD							
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Location & Depth	HP-113	RBH-116	TP-101	TP201	TP213	CP209	TP205	TP234	TP274							
							0.80	0.80	0.50	0.40	0.30	2.00	0.50	0.40	0.50								
Benzene	0.001	9	0.001	0.001	0	27		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Toluene	0.001	9	0.001	0.001	0	870		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Ethylbenzene	0.001	9	0.001	0.001	0	520		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Xylene, o-	0.001	9	0.001	0.001	0	480		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
Xylene, m- & p-	0.001	9	0.001	0.001	0	580		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							
MTBE	0.001	9	0.001	0.001	0	7500		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001							

Risk parameter: Human health - commercial (1%SOM)

Data set: Natural

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Plant Life



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L	TS-L		
							Location & Depth	TP-101	TP-102	TP-103	TP-104	TP-105	TP-106	TP-107	TP-108	TP-109	TP-110	TP-111	TP-112	TP-113	TP-114	TP-115	TP-116
								0.20	0.10	0.10	0.20	0.30	0.20	0.20	0.20	0.10	0.10	0.20	0.20	0.10	0.10	0.10	0.10
All values in mg/kg unless otherwise stated																							
Arsenic	1	21	14	38	0	250		22	18	20	18	18	38	20	21	28	16	20	14	16	20	21	14
Boron	0.2	21	0.5	2.1	0	5		2	1.2	2.1	1.8	1.3	1.6	1	0.5	0.5	0.7	1.6	1.6	0.9	1.5	1.1	1
Chromium (III)	1	21	25	85	0	400		27	35	36	35	36	85	37	25	36	25	35	29	29	29	33	29
Chromium (VI)	1.2	21	1.2	1.2	0	25		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	1.2	1.2	1.2
Copper	1	21	15	37	0	135		37	22	21	20	21	16	19	18	16	16	21	16	17	15	15	17
Nickel	1	21	19	35	0	75		26	29	31	28	31	32	30	26	35	29	31	24	20	24	26	19
Zinc	1	21	68	160	0	300		130	81	92	88	88	160	88	72	93	69	85	68	78	77	85	72
	Mean																						
pH (su)	8.0							7.9	8.1	8	8.2	8.2	8	8	8.1	7.9	7.9	8	7.8	7.6	8	7.9	7.6

Risk parameter: Plant life pH 7

Data set: Landfill - Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809

Legend: Values in **blue** are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in **red** are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Plant Life



All values in mg/kg unless otherwise stated							Soil Type	TS-L	TS-L	TS-L	TS-L	TS-L								
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Location & Depth	TP117	TP-118	TP-120	TP-121	TP-122								
								0.20	0.10	0.10	0.20	0.20								
Arsenic	1	21	14	38	0	250		18	20	20	15	21								
Boron	0.2	21	0.5	2.1	0	5		1.8	0.9	1.3	0.5	0.7								
Chromium (III)	1	21	25	85	0	400		29	34	32	26	30								
Chromium (VI)	1.2	21	1.2	1.2	0	25		1.2	1.2	1.2	1.2	1.2								
Copper	1	21	15	37	0	135		15	18	16	16	26								
Nickel	1	21	19	35	0	75		21	32	31	19	27								
Zinc	1	21	68	160	0	300		76	90	78	72	89								
	Mean																			
pH (su)	8.0							7.9	8.4	8.3	8.7	8.1								

Risk parameter: Plant life pH 7

Data set: Landfill - Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809

Assessment of Chemicals of Potential Concern to Plant Life



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type															
							Location & Depth															
							CBH-101	CBH-101	CBH-104	CBH-109	CBH110	CBH-110	CBH-110	CBH-110	TP-103	TP-103	TP-104	TP-107	TP-110	TP-110	TP-114	TP-114
All values in mg/kg unless otherwise stated							2.00	4.00	7.00	2.00	3.00	5.00	6.50	1.00	2.20	1.50	1.50	0.60	1.50	2.20	0.80	2.20
Arsenic	1	40	9.9	44	0	250	26	16	19	32	20	29	31	12	15	15	18	20	22	16	20	24
Boron	0.2	40	0.4	3.5	0	5	1	0.9	1.4	0.4	1.5	2.2	3.5	1.2	0.6	0.8	1.1	1.1	2.5	2.2	0.6	2.2
Chromium (III)	1	40	20	76	0	400	39	31	26	38	27	46	46	27	28	40	32	35	37	25	21	33
Chromium (VI)	1.2	40	1.2	1.2	0	25	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	1.2	1.2	1.2
Copper	1	40	9.3	87	0	135	19	27	25	16	17	31	48	14	20	21	15	21	26	15	9.3	28
Nickel	1	40	20	55	0	75	21	27	25	32	24	29	28	24	23	31	25	30	31	24	20	22
Zinc	1	40	50	270	0	300	62	80	72	88	79	140	160	68	94	88	82	94	100	71	59	120
	Mean																					
pH (su)	8.0						8.3	8	8	8	8.3	8	8.2	8.2	8.1	8	7.9	8.1	7.9	7.9	8.4	8.2

Risk parameter: Plant life pH 7

Data set: Landfill

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Plant Life



All values in mg/kg unless otherwise stated							Soil Type															
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Location & Depth															
							TP-115	TP-118	TP238	TP263	TP263	TP289	TP289	TP289	CP203	CP203	CP203	CP207	CP207	CP207	CP207	CP208
Arsenic	1	40	9.9	44	0	250	24	44	39	17	44	19	15	32	14	19	15	22	16	23	17	21
Boron	0.2	40	0.4	3.5	0	5	0.5	1.5	0.6	0.5	3.5	0.4	1.5	0.9	0.4	1.1	1.4	0.6	1.5	0.8	0.4	0.9
Chromium (III)	1	40	20	76	0	400	31	66	39	29	76	34	28	41	25	36	34	34	45	38	29	27
Chromium (VI)	1.2	40	1.2	1.2	0	25	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	1.2	1.2	1.2
Copper	1	40	9.3	87	0	135	11	67	11	19	87	17	28	44	18	34	26	20	28	31	24	15
Nickel	1	40	20	55	0	75	28	39	29	28	55	25	23	26	24	26	23	29	27	26	31	25
Zinc	1	40	50	270	0	300	77	250	100	63	270	78	84	130	51	94	80	79	110	120	66	59
	Mean																					
pH (su)	8.0						8	8.6	8.1	8	7.5	7.9	7.9	8.2	7.9	7.5	7.7	8	7.9	8.1	7.7	7.4

Risk parameter: Plant life pH 7

Data set: Landfill

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Plant Life



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type																		
							Location & Depth		LF	LF	LF	LF	LF	LF	LF	LF									LF
							CP208	CP208	CP210	CP210	CP210	CP210	CP210	CP210	CP210	CP210									CP210
All values in mg/kg unless otherwise stated																									
							3.00	5.00	1.20	4.00	2.00	3.00	5.50	7.00											
Arsenic	1	40	9.9	44	0	250	31	17	15	17	15	9.9	15	17											
Boron	0.2	40	0.4	3.5	0	5	1.4	1.8	1	0.9	0.8	0.4	1.1	1											
Chromium (III)	1	40	20	76	0	400	40	28	25	30	26	20	25	27											
Chromium (VI)	1.2	40	1.2	1.2	0	25	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2											
Copper	1	40	9.3	87	0	135	25	24	20	44	25	14	28	18											
Nickel	1	40	20	55	0	75	29	22	25	26	25	21	26	28											
Zinc	1	40	50	270	0	300	84	69	57	120	92	50	55	69											
	Mean																								
pH (su)	8.0						7.7	7.8	7.7	7.9	7.7	7.9	7.8	7.8											

Risk parameter: [Plant life pH 7](#)

Data set: Landfill

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Plant Life



Soil Type							MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	T-MG
All values in mg/kg unless otherwise stated							HP-117	HP-118	HP-121	HP-123	HP-124	HP-129	HP-134	HP-136	HP-137	HP138	RBH-115	RBH-116	HP-111
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	0.00	0.16	0.60	0.50	0.50	0.23	0.78	0.00	0.12	0.14	0.20	0.10	0.00
							Location & Depth												
Arsenic	1	25	9.5	38	0	250	18	38	16	15	14	37	11	13	23	9.5	21	20	20
Boron	0.2	25	0.3	3.9	0	5	0.3	0.5	2.1	0.7	1.3	2.1	0.6	0.9	2.4	0.6	2.3	3	3.5
Chromium (III)	1	25	18	60	0	400	21	54	33	28	27	60	28	21	41	18	29	32	34
Chromium (VI)	1.2	25	1.2	1.2	0	25	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
Copper	1	25	13	300	1	135	26	110	18	16	20	29	13	120	26	59	55	23	55
Nickel	1	25	8.8	72	0	75	16	38	28	25	21	72	26	16	29	8.8	27	27	24
Zinc	1	25	53	5500	1	300	85	120	82	73	74	140	62	74	99	78	150	110	290
	Mean																		
pH (su)	8.1						10.6	8	8.2	8.3	8.3	8	8.5	8.5	8.2	8.7	8.1	8.2	7.6

Risk parameter: Plant life pH 7

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Plant Life



Soil Type							T-MG	T-MG	T-MG	MG	MG	MG	MG	MG	MG	MG	MG	T-MG	
All values in mg/kg unless otherwise stated							HP-113	HP-114	HP-116	TP225	TP301	TP303	TP306	TP308	TP309	TP309	TP310	TP242	
Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Location & Depth												
							0.00	0.00	0.00	1.50	1.50	0.60	0.60	0.60	0.70	2.95	1.50	0.10	
Arsenic	1	25	9.5	38	0	250	27	21	18	14	18	15	15	14	15	27	14	18	
Boron	0.2	25	0.3	3.9	0	5	2.1	3.4	3.3	0.5	0.9	0.8	0.7	0.4	0.6	3.9	0.8	0.6	
Chromium (III)	1	25	18	60	0	400	24	38	31	24	31	29	33	29	26	35	24	34	
Chromium (VI)	1.2	25	1.2	1.2	0	25	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
Copper	1	25	13	300	1	135	14	46	19	23	21	17	25	22	23	300	28	29	
Nickel	1	25	8.8	72	0	75	25	30	23	28	25	23	24	23	23	37	18	31	
Zinc	1	25	53	5500	1	300	60	190	110	53	73	68	77	71	120	5500	94	95	
	Mean																		
pH (su)	8.1						8	7.6	8.1	7.9	7.8	7.7	8.1	7.9	7.2	6.8	8	7.5	
<p>Risk parameter: Plant life pH 7 Data set: Made Ground Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no.: C-18443 Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663</p>																			

Assessment of Chemicals of Potential Concern to Plant Life



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG			
							Location & Depth		HP102	HP-103	HP-104	HP-106	HP-107	HP-108	HP-109	HP-122	HP-126	HP-128	HP-129	HP-130	HP-134	TP206	TP223	TP247
									0.20	0.00	0.00	0.00	0.10	0.30	0.10	0.60	0.20	0.25	0.00	0.00	0.00	0.10	0.20	0.10
Arsenic	1	20	11	33	0	250		11	14	22	16	18	29	31	23	17	22	24	21	19	19	17	11	
Boron	0.2	20	0.4	4.1	0	5		2.1	1.5	0.8	2.1	4.1	1.8	2.2	2.3	0.7	2.2	2.2	1.1	1.2	1.1	0.8	0.6	
Chromium (III)	1	20	24	48	0	400		26	27	39	37	41	39	43	38	27	37	48	38	37	37	30	24	
Chromium (VI)	1.2	20	1.2	1.2	0	25		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	1.2	1.2	1.2	
Copper	1	20	10	28	0	135		12	17	17	25	20	10	15	19	13	15	26	24	22	25	24	16	
Nickel	1	20	13	47	0	75		20	21	32	34	34	30	34	34	20	47	43	34	35	30	29	13	
Zinc	1	20	57	120	0	300		63	66	88	76	78	70	97	100	75	85	120	98	74	76	77	57	
	Mean																							
pH (su)	7.9							7.4	7.6	7.9	8.2	8.2	8.3	7.8	8	7.9	8.3	7.9	8.1	8.1	7.8	8	7.3	

Risk parameter: Plant life pH 7

Data set: Agriculturally Disturbed Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Haldens Parkway Thrapston

Job no.: C-18443

Lab. report no(s).: 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Plant Life



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type AG												
							Location & Depth												
							TP253	TP275	TP291	TP313									
All values in mg/kg unless otherwise stated							0.20	0.10	0.20	0.20									
Arsenic	1	20	11	33	0	250	33	20	16	17									
Boron	0.2	20	0.4	4.1	0	5	0.4	2.6	0.9	0.5									
Chromium (III)	1	20	24	48	0	400	45	38	32	29									
Chromium (VI)	1.2	20	1.2	1.2	0	25	1.2	1.2	1.2	1.2									
Copper	1	20	10	28	0	135	18	28	21	18									
Nickel	1	20	13	47	0	75	35	33	23	25									
Zinc	1	20	57	120	0	300	94	90	71	57									
	Mean																		
pH (su)	7.9						7.8	7.2	7.5	7.9									

Risk parameter: Plant life pH 7

Data set: Agriculturally Disturbed Topsoil

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Haldens Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Assessment of Chemicals of Potential Concern to Plant Life



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type	BLF	GF	GT	GT	GT	GT	GT	GT	GT	GT	GT	HD	HD	HD	HD	
							Location & Depth	HP-106	TP-120	HP-101	HP-113	RBH-116	TP-101	TP201	TP213	TP216	TP242	TP261	CP209	TP205	TP234	TP270	TP274
All values in mg/kg unless otherwise stated																							
Arsenic	1	18	6.4	42	0	250		0.28	1.70	0.40	0.80	0.80	0.50	0.40	0.30	0.30	1.50	0.90	2.00	0.50	0.40	0.50	0.50
Boron	0.2	18	0.3	4.8	0	5		2	0.8	0.5	4.8	2.3	0.5	0.5	0.5	0.6	0.4	0.7	0.9	1	0.5	1.3	0.6
Chromium (III)	1	18	21	48	0	400		22	31	25	26	41	29	26	32	34	22	24	26	29	21	35	32
Chromium (VI)	1.2	18	1.2	1.2	0	25		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	1.2	1.2	1.2
Copper	1	18	8.7	26	0	135		15	19	12	25	18	16	19	23	23	19	18	26	14	22	16	11
Nickel	1	18	18	40	0	75		40	25	28	32	34	24	25	29	28	23	24	29	18	25	34	29
Zinc	1	18	30	130	0	300		49	79	58	30	96	75	44	71	71	51	59	72	60	42	79	46
	Mean																						
pH (su)	7.9							8.4	7.4	7.8	7.6	8.3	8.2	8.2	7.8	7.8	8.2	8	7.7	8.1	8.1	7.6	7.8

Risk parameter: Plant life pH 7

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s): 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Legend: Values in blue are at or below the laboratory reporting limit (where a single value is indicated) and are considered as being at the detection limit for the purposes of statistical analysis, as a conservative estimate. Values in red are equal to, or greater than, the generic assessment criterion (GAC).

Assessment of Chemicals of Potential Concern to Plant Life



Chemical of Potential Concern	Lab. RL	No. Samples	Min. Value	Max. Value	No. Samples > or = GAC	GAC	Soil Type												
							GF	GF											
							CP209	CP210											
All values in mg/kg unless otherwise stated																			
Arsenic	1	18	6.4	42	0	250	31	42											
Boron	0.2	18	0.3	4.8	0	5	0.6	0.3											
Chromium (III)	1	18	21	48	0	400	30	48											
Chromium (VI)	1.2	18	1.2	1.2	0	25	1.2	1.2											
Copper	1	18	8.7	26	0	135	8.7	15											
Nickel	1	18	18	40	0	75	22	35											
Zinc	1	18	30	130	0	300	64	130											
	Mean																		
pH (su)	7.9						8	8											

Risk parameter: Plant life pH 7

Data set: Made Ground

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no.: C-18443

Lab. report no(s).: 21-88524, 21-88806, 21-88809, 21-30239, 21-30663

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - LF

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF
									Date sampled:	22/07/2021	22/07/2021	26/01/2022	23/02/2022	22/07/2021	26/01/2022	23/02/2022	23/07/2021
7440-22-4	Silver (Ag) (dissolved)				9	0.05	n/a	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
7429-90-5	Aluminium (Al) (dissolved)				9	1	200	n/a	2.2	2.1	8.7	7.2	10	17	31	11	
7440-38-2	Arsenic (As) (dissolved)	SP	H		9	0.15	10	50	5.7	3.28	3.26	3.04	13.3	1.45	1.01	4.38	
7440-42-8	Boron (B) (dissolved)		NP		9	10	1000	2000	190	160	260	280	250	180	150	180	
7440-39-3	Barium (Ba) (dissolved)				9	0.06	1300	n/a	160	180	190	150	85	62	68	140	
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		9	0.02	5	0.08	<0.02	<0.02	0.04	<0.02	<0.02	<0.02	0.06	<0.02	
7440-48-4	Cobalt (Co) (dissolved)		NP		9	0.2	n/a	3	7.3	5.8	17	19	4.4	3.6	4.2	3	
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		9	5	n/a	3.4	<5	<5	<5	<5	4.4	<5	<5	<5	
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			5	1	n/a	4.7	4.7	1.8	<5	<5	6.9	<5	<5	<1	
7440-47-3	Chromium (Cr) (total) (dissolved)				9	0.2	50	n/a	4.7	1.8	2.5	3.7	6.9	4.9	4.4	1	
7440-50-8	Copper (Cu) (dissolved)	SP	NP		9	0.5	2000	18.17	1.4	1.8	5	3.9	0.8	2.9	6.8	2.6	
7439-89-6	Iron (Fe) (dissolved)	SP			9	4	200	1000	970	500	310	56	43000	130	30	43	
7439-97-6	Mercury (Hg) (dissolved)	PH	H		9	0.05	1	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
P1286	Manganese (Mn) (dissolved)	SP			9	0.05	50	219.55	1500	1300	4100	4700	2600	2200	900	670	
7440-23-5	Sodium (Na) (dissolved)				9	10	200000	n/a	74000	150000	120000	170000	58000	63000	150000	170000	
7440-02-0	Nickel (Ni) (dissolved)	P	NP		9	0.5	20	11.5	11	11	22	23	5.4	9.5	11	8.6	
7439-92-1	Lead (Pb) (dissolved)	P	H		9	0.2	10	6.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
7440-36-0	Antimony (Sb) (dissolved)		NP		9	0.4	5	n/a	0.6	0.6	0.6	0.5	0.7	0.6	0.6	0.6	
7782-49-2	Selenium (Se) (dissolved)		NP		9	0.6	10	n/a	3.8	7.4	11	13	3.5	4.5	5.1	5	
7440-31-5	Tin (Sn) (dissolved)				9	0.2	n/a	25	0.6	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.27	
7440-62-2	Vanadium (V) (dissolved)				9	0.2	n/a	20	0.4	0.5	1.2	1.3	0.8	0.4	1.2	1	
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		9	0.5	n/a	31.59	3.4	5.7	7.1	5.8	8.3	9.7	6.5	6.8	
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		9	1	n/a	1	<1	<1	<1	<1	<1	<1	<1	<1	
57-12-5	Cyanide (total)				9	1	50	n/a	<1	<1	<1	3.3	<1	<1	<1	15	
P1140	Ammonium (NH ₄ ⁺)		NP		9	15	500	n/a	2700	7000	8600	8600	9600	6500	1400	3600	
P1238	Ammoniacal Nitrogen (as N)		NP		9	15	n/a	300	2100	5500	6700	6700	7500	5000	1100	2800	
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		9	15	n/a	n/a	2600	6700	8100	8100	9100	6100	1400	3400	
15541-45-4	Bromate (BrO ₃ ⁻)				9	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	<2	
16887-00-6	Chloride (Cl ⁻)				9	150	250000	250000	71000	220000	220000	230000	41000	44000	59000	270000	
16984-48-8	Fluoride (F ⁻)				9	50	1500	1000	260	320	360	300	330	270	240	500	
P1348	Nitrate (NO ₃ ⁻)				9	50	50000	n/a	470	520	1720	1500	990	2130	1190	620	
P1349	Nitrite (NO ₂ ⁻)				9	5	500	n/a	<5	<5	<5	<5	<5	29	17	<5	
14808-79-8	Sulfate (SO ₄ ²⁻)				9	45	250000	400000	456000	529000	315000	369000	1490000	948000	312000	1140000	
P1134	pH (min.) (su)				9	-	6.5	6	<7.2	<7.4	<7.7	<7.2	<6.9	<7.4	<7.2	<7.7	
P1134	pH (max.) (su)				9	-	9.5	9	<7.2	<7.4	<7.7	<7.2	<6.9	<7.4	<7.2	<7.7	
P1287	Electrical conductivity (µS/cm)				9	10	2500	n/a	1300	1500	1400	1400	1800	1400	1000	1800	
120-12-7	Anthracene	PH	H	56	9	0.01	n/a	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
50-32-8	Benzo(a)pyrene	PH	H	3.8	9	0.01	0.01	0.00017	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
206-44-0	Fluoranthene	P	H	230	9	0.01	n/a	0.0063	<0.01	<0.01	<0.01	n/a	<0.01	<0.01	<0.01	<0.01	
91-20-3	Naphthalene	P	NP	19000	9	0.01	n/a	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - LF																			
								Strata / Zone	GW - LF										
								Date sampled:	23/07/2021										
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-111										
7440-22-4	Silver (Ag) (dissolved)				9	0.05	n/a	0.05	<0.05										
7429-90-5	Aluminium (Al) (dissolved)				9	1	200	n/a	7.6										
7440-38-2	Arsenic (As) (dissolved)	SP	H		9	0.15	10	50	8.4										
7440-42-8	Boron (B) (dissolved)		NP		9	10	1000	2000	280										
7440-39-3	Barium (Ba) (dissolved)				9	0.06	1300	n/a	92										
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		9	0.02	5	0.08	<0.02										
7440-48-4	Cobalt (Co) (dissolved)		NP		9	0.2	n/a	3	2.9										
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		9	5	n/a	3.4	<5										
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			5	1	n/a	4.7	1.2										
7440-47-3	Chromium (Cr) (total) (dissolved)				9	0.2	50	n/a	1.2										
7440-50-8	Copper (Cu) (dissolved)	SP	NP		9	0.5	2000	18.17	1.3										
7439-89-6	Iron (Fe) (dissolved)	SP			9	4	200	1000	54										
7439-97-6	Mercury (Hg) (dissolved)	PH	H		9	0.05	1	0.07	<0.05										
P1286	Manganese (Mn) (dissolved)	SP			9	0.05	50	219.55	600										
7440-23-5	Sodium (Na) (dissolved)				9	10	200000	n/a	120000										
7440-02-0	Nickel (Ni) (dissolved)	P	NP		9	0.5	20	11.5	8.1										
7439-92-1	Lead (Pb) (dissolved)	P	H		9	0.2	10	6.8	<0.2										
7440-36-0	Antimony (Sb) (dissolved)		NP		9	0.4	5	n/a	1.4										
7782-49-2	Selenium (Se) (dissolved)		NP		9	0.6	10	n/a	7.3										
7440-31-5	Tin (Sn) (dissolved)				9	0.2	n/a	25	1.4										
7440-62-2	Vanadium (V) (dissolved)				9	0.2	n/a	20	2.7										
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		9	0.5	n/a	31.59	2.9										
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		9	1	n/a	1	<1										
57-12-5	Cyanide (total)				9	1	50	n/a	<1										
P1140	Ammonium (NH ₄ ⁺)		NP		9	15	500	n/a	5800										
P1238	Ammoniacal Nitrogen (as N)		NP		9	15	n/a	300	4500										
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		9	15	n/a	n/a	5500										
15541-45-4	Bromate (BrO ₃ ⁻)				9	2	10	n/a	<2										
16887-00-6	Chloride (Cl ⁻)				9	150	250000	250000	270000										
16984-48-8	Fluoride (F ⁻)				9	50	1500	1000	870										
P1348	Nitrate (NO ₃ ⁻)				9	50	50000	n/a	1660										
P1349	Nitrite (NO ₂ ⁻)				9	5	500	n/a	<5										
14808-79-8	Sulfate (SO ₄ ²⁻)				9	45	250000	400000	323000										
P1134	pH (min.) (su)				9	-	6.5	6	<7.9										
P1134	pH (max.) (su)				9	-	9.5	9	<7.9										
P1287	Electrical conductivity (µS/cm)				9	10	2500	n/a	1200										
120-12-7	Anthracene	PH	H	56	9	0.01	n/a	0.1	<0.01										
50-32-8	Benzo(a)pyrene	PH	H	3.8	9	0.01	0.01	0.00017	<0.01										
206-44-0	Fluoranthene	P	H	230	9	0.01	n/a	0.0063	<0.01										
91-20-3	Naphthalene	P	NP	19000	9	0.01	n/a	2	<0.01										

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): **Groundwater and surface water**

Secondary receptor(s): **Human health (abstraction)**

Data set: **Groundwater**

Client: **Equites Newlands (Thrapston East) Ltd**

Site: **Land Adjacent Halden Parkway Thrapston**

Job no: **C18443**

Test Certificates(s): **21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1**

Dataset **GW - LF**

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF
									Date sampled:	22/07/2021	22/07/2021	26/01/2022	23/02/2022	22/07/2021	26/01/2022	23/02/2022	23/07/2021
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		9	0.04	0.1	n/a	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
P1877	Phenol	SP	NP	84100000	9	1	n/a	7.7	<1	<1	<0.05	<0.05	<1	<0.05	<0.05	<1	<1
P1407	Ali EC5-EC6			359000	7	1	15000	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
P1408	Ali >EC6-EC8			5370	7	1	15000	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
P1409	Ali >EC8-EC10			427	7	1	300	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
P1410	Ali >EC10-EC12			33.9	7	10	300	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1411	Ali >EC12-EC16			0.759	7	10	300	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1938	Ali >EC16-EC35			0.00254	7	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1415	Ali >EC35-EC44			0.00254	7	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1441	Aro EC5-EC7			17800000	7	1	1	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
P1355	Aro >EC7-EC8			5900000	7	1	700	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
P1356	Aro >EC8-EC10			646000	7	1	300	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
P1357	Aro >EC10-EC12			245000	7	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1358	Aro > EC12-EC16			5750	7	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1359	Aro >EC16-EC21			653	7	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1360	Aro >EC21-EC35			6.61	7	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
P1362	Aro >EC35-EC44			6.61	7	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
71-43-2	Benzene	P	H	17800000	9	1	1	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
108-88-3	Toluene	SP	H	5900000	9	1	700	74	<1	<1	<1	<1	<1	<1	<1	<1	<1
100-41-4	Ethylbenzene		H	1800000	9	1	300	20	<1	<1	<1	<1	<1	<1	<1	<1	<1
95-47-6	o-Xylene		H	1730000	9	1	500	30	<1	<1	<1	<1	<1	<1	<1	<1	<1
P1374	m,p-Xylene		H	2000000	9	1	500	30	<1	<1	<1	<1	<1	<1	<1	<1	<1
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	9	1	15	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
71-55-6	1,1,1-Trichloroethane		NP	13000000	9	1	n/a	100	<1	<1	<1	<1	<1	<1	<1	<1	<1
79-00-5	1,1,2-Trichloroethane		NP	44900000	9	1	n/a	400	<1	<1	<1	<1	<1	<1	<1	<1	<1
96-12-8	1,2-Dibromo-3-chloropropane			12300000	9	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
106-93-4	1,2-Dibromoethane		H	43000000	9	1	0.4	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
95-50-1	1,2-Dichlorobenzene		H	1330000	9	1	1000	20	<1	<1	<1	<1	<1	<1	<1	<1	<1
107-06-2	1,2-Dichloroethane (EDC)	P	NP	86800000	4	1	3	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	75500000	9	1	50	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	52500000	9	1	50	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
78-87-5	1,2-Dichloropropane		H	20500000	9	1	40	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
10061-01-5	cis 1,3-Dichloropropene		H	27000000	9	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
10061-02-6	trans 1,3-Dichloropropene		H	28000000	9	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
106-46-7	1,4-Dichlorobenzene		H	10300000	9	1	300	20	<1	<1	<1	<1	<1	<1	<1	<1	<1
75-27-4	Bromodichloromethane			30000000	9	1	60	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - LF										Strata / Zone	GW - LF							
										Date sampled:	23/07/2021							
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-111									
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		9	0.04	0.1	n/a	<0.04									
P1877	Phenol	SP	NP	84100000	9	1	n/a	7.7	<1									
P1407	Ali EC5-EC6			35900	7	1	15000	10	<1									
P1408	Ali >EC6-EC8			5370	7	1	15000	10	<1									
P1409	Ali >EC8-EC10			427	7	1	300	10	<1									
P1410	Ali >EC10-EC12			33.9	7	10	300	10	<10									
P1411	Ali >EC12-EC16			0.759	7	10	300	10	<10									
P1938	Ali >EC16-EC35			0.00254	7	10	n/a	10	<10									
P1415	Ali >EC35-EC44			0.00254	7	10	n/a	10	<10									
P1441	Aro EC5-EC7			1780000	7	1	1	10	<1									
P1355	Aro >EC7-EC8			590000	7	1	700	10	<1									
P1356	Aro >EC8-EC10			64600	7	1	300	10	<1									
P1357	Aro >EC10-EC12			24500	7	10	90	10	<10									
P1358	Aro > EC12-EC16			5750	7	10	90	10	<10									
P1359	Aro >EC16-EC21			653	7	10	90	10	<10									
P1360	Aro >EC21-EC35			6.61	7	10	90	10	<10									
P1362	Aro >EC35-EC44			6.61	7	10	n/a	10	<10									
71-43-2	Benzene	P	H	1780000	9	1	1	10	<1									
108-88-3	Toluene	SP	H	590000	9	1	700	74	<1									
100-41-4	Ethylbenzene		H	180000	9	1	300	20	<1									
95-47-6	o-Xylene		H	173000	9	1	500	30	<1									
P1374	m,p-Xylene		H	200000	9	1	500	30	<1									
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	9	1	15	n/a	<1									
71-55-6	1,1,1-Trichloroethane		NP	1300000	9	1	n/a	100	<1									
79-00-5	1,1,2-Trichloroethane		NP	4490000	9	1	n/a	400	<1									
96-12-8	1,2-Dibromo-3-chloropropane			1230000	9	1	0.1	n/a	<1									
106-93-4	1,2-Dibromoethane		H	4300000	9	1	0.4	n/a	<1									
95-50-1	1,2-Dichlorobenzene		H	133000	9	1	1000	20	<1									
107-06-2	1,2-Dichloroethane (EDC)	P	NP	8680000	4	1	3	10										
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	7550000	9	1	50	n/a	<1									
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	5250000	9	1	50	n/a	<1									
78-87-5	1,2-Dichloropropane		H	2050000	9	1	40	n/a	<1									
10061-01-5	cis 1,3-Dichloropropene		H	2700000	9	1	0.1	n/a	<1									
10061-02-6	trans 1,3-Dichloropropene		H	2800000	9	1	0.1	n/a	<1									
106-46-7	1,4-Dichlorobenzene		H	103000	9	1	300	20	<1									
75-27-4	Bromodichloromethane			3000000	9	1	60	n/a	<1									

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - LF

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF	GW - LF
									Date sampled:	22/07/2021	22/07/2021	26/01/2022	23/02/2022	22/07/2021	26/01/2022	23/02/2022	23/07/2021
75-01-4	Chloroethene (vinyl chloride)		H	2760000	9	1	0.5	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
124-48-1	Dibromochloromethane			1050000	9	1	100	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
25321-22-6	Dichlorobenzenes (1,2-, 1,3- & 1,4-)				4	3	n/a	20			<3	<3	<3	<3	<3	<3	
75-09-2	Dichloromethane	P	NP	20100000	9	3	20	20	<3	<3	<3	<3	<3	<3	<3	<3	<3
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	9	1	0.1	0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1
100-42-5	Styrene		H	290000	9	1	20	50	<1	<1	<1	<1	<1	<1	<1	<1	<1
25322-20-7	Tetrachloroethane (PCA)	SP			9	2	n/a	140	<2	<2	<2	<2	<2	<2	<2	<2	<2
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	9	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				9	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	<2	<2
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	9	1	3	12	<1	<1	<1	<1	<1	<1	<1	<1	<1
75-25-2	Tribromomethane (bromoform)			3000000	4	1	100	n/a			<1	<1	<1	<1	<1	<1	<1
12002-48-1	Trichlorobenzenes	P	NP		9	3	n/a	0.4	<3	<3	<3	<3	<3	<3	<3	<3	<3
79-01-6	Trichloroethene	OP	H	1370000	9	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
67-66-3	Trichloromethane (chloroform)	P	H	8950000	9	1	100	2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
GRP03	Trihalomethanes, sum of trichloromethane, tribromomethane, dibromochloromethane & bromodichloromethane				4	4	100	n/a			<4	<4	<4	<4	<4	<4	<4
88-06-2	2,4,6-Trichlorophenol		H	434000	4	0.05	200	n/a			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
120-83-2	2,4-Dichlorophenol	SP	H	4500000	4	0.05	n/a	4.2			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
95-57-8	2-Chlorophenol		H	22700000	4	0.05	n/a	50			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
59-50-7	4-Chloro, 3-methylphenol		H		4	0.05	n/a	40			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
85-68-7	Benzyl butyl phthalate	SP			4	0.05	n/a	7.5			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
84-74-2	Dibutyl phthalate		NP		4	0.05	n/a	8			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
84-66-2	Diethyl phthalate (DEP)				4	0.05	n/a	200			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
118-74-1	Hexachlorobenzene	PH	H	9.6	4	0.05	0.1	0.05			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - LF

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-111	Strata / Zone	GW - LF						
										Date sampled:	23/07/2021						
75-01-4	Chloroethene (vinyl chloride)		H	2760000	9	1	0.5	n/a	<1								
124-48-1	Dibromochloromethane			1050000	9	1	100	n/a	<1								
25321-22-6	Dichlorobenzenes (1,2-, 1,3- & 1,4-)				4	3	n/a	20									
75-09-2	Dichloromethane	P	NP	20100000	9	3	20	20	<3								
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	9	1	0.1	0.6	<1								
100-42-5	Styrene		H	290000	9	1	20	50	<1								
25322-20-7	Tetrachloroethane (PCA)	SP			9	2	n/a	140	<2								
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	9	1	10	10	<1								
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				9	2	10	n/a	<2								
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	9	1	3	12	<1								
75-25-2	Tribromomethane (bromoform)			3000000	4	1	100	n/a									
12002-48-1	Trichlorobenzenes	P	NP		9	3	n/a	0.4	<3								
79-01-6	Trichloroethene	OP	H	1370000	9	1	10	10	<1								
67-66-3	Trichloromethane (chloroform)	P	H	8950000	9	1	100	2.5	<1								
GRP03	Trihalomethanes, sum of trichloromethane, tribromomethane, dibromchloromethane & bromodichloromethane				4	4	100	n/a									
88-06-2	2,4,6-Trichlorophenol		H	434000	4	0.05	200	n/a									
120-83-2	2,4-Dichlorophenol	SP	H	4500000	4	0.05	n/a	4.2									
95-57-8	2-Chlorophenol		H	22700000	4	0.05	n/a	50									
59-50-7	4-Chloro, 3-methylphenol		H		4	0.05	n/a	40									
85-68-7	Benzyl butyl phthalate	SP			4	0.05	n/a	7.5									
84-74-2	Dibutyl phthalate		NP		4	0.05	n/a	8									
84-66-2	Diethyl phthalate (DEP)				4	0.05	n/a	200									
118-74-1	Hexachlorobenzene	PH	H	9.6	4	0.05	0.1	0.05									

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): **Groundwater and surface water**

Secondary receptor(s): **Human health (abstraction)**

Data set: **Groundwater**

Client: **Equites Newlands (Thrapston East) Ltd**

Site: **Land Adjacent Halden Parkway Thrapston**

Job no: **C18443**

Test Certificates(s): **21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1**

Dataset **GW - SD**

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-103	RBH-110	Strata / Zone	GW - SD	GW - SD							
											Date sampled:	23/07/2021	27/07/2021							
7440-22-4	Silver (Ag) (dissolved)				2	0.05	n/a	0.05	<0.05	<0.05										
7429-90-5	Aluminium (Al) (dissolved)				2	1	200	n/a	15	16										
7440-38-2	Arsenic (As) (dissolved)	SP	H		2	0.15	10	50	0.3	0.31										
7440-42-8	Boron (B) (dissolved)		NP		2	10	1000	2000	110	85										
7440-39-3	Barium (Ba) (dissolved)				2	0.06	1300	n/a	76	46										
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		2	0.02	5	0.08	<0.02	<0.02										
7440-48-4	Cobalt (Co) (dissolved)		NP		2	0.2	n/a	3	0.7	0.4										
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		2	5	n/a	3.4	<5	<5										
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			2	1	n/a	4.7	2.7	2.5										
7440-47-3	Chromium (Cr) (total) (dissolved)				2	0.2	50	n/a	2.7	2.5										
7440-50-8	Copper (Cu) (dissolved)	SP	NP		2	0.5	2000	18.17	2.3	1.5										
7439-89-6	Iron (Fe) (dissolved)	SP			2	4	200	1000	39	15										
7439-97-6	Mercury (Hg) (dissolved)	PH	H		2	0.05	1	0.07	<0.05	<0.05										
P1286	Manganese (Mn) (dissolved)	SP			2	0.05	50	219.55	9	1.4										
7440-23-5	Sodium (Na) (dissolved)				2	10	200000	n/a	54000	58000										
7440-02-0	Nickel (Ni) (dissolved)	P	NP		2	0.5	20	11.5	2.6	1.4										
7439-92-1	Lead (Pb) (dissolved)	P	H		2	0.2	10	6.8	<0.2	<0.2										
7440-36-0	Antimony (Sb) (dissolved)		NP		2	0.4	5	n/a	0.5	<0.4										
7782-49-2	Selenium (Se) (dissolved)		NP		2	0.6	10	n/a	1.5	0.7										
7440-31-5	Tin (Sn) (dissolved)				2	0.2	n/a	25	0.91	<0.2										
7440-62-2	Vanadium (V) (dissolved)				2	0.2	n/a	20	0.3	<0.2										
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		2	0.5	n/a	31.59	8	2.5										
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		2	1	n/a	1	<1	<1										
57-12-5	Cyanide (total)				2	1	50	n/a	<1	<1										
P1140	Ammonium (NH ₄ ⁺)		NP		2	15	500	n/a	50	44										
P1238	Ammoniacal Nitrogen (as N)		NP		2	15	n/a	300	39	34										
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		2	15	n/a	n/a	47	41										
15541-45-4	Bromate (BrO ₃ ⁻)				2	2	10	n/a	<2	<2										
16887-00-6	Chloride (Cl ⁻)				2	150	250000	250000	56000	130000										
16984-48-8	Fluoride (F ⁻)				2	50	1500	1000	190	270										
P1348	Nitrate (NO ₃ ⁻)				2	50	50000	n/a	5660	53500										
P1349	Nitrite (NO ₂ ⁻)				2	5	500	n/a	370	<5										
14808-79-8	Sulfate (SO ₄ ²⁻)				2	45	250000	400000	592000	85000										
P1134	pH (min.) (su)				2	-	6.5	6	<7.1	<7.2										
P1134	pH (max.) (su)				2	-	9.5	9	<7.1	<7.2										
P1287	Electrical conductivity (µS/cm)				2	10	2500	n/a	1200	880										
120-12-7	Anthracene	PH	H	56	2	0.01	n/a	0.1	<0.01	<0.01										
50-32-8	Benzo(a)pyrene	PH	H	3.8	2	0.01	0.01	0.00017	<0.01	<0.01										
206-44-0	Fluoranthene	P	H	230	2	0.01	n/a	0.0063	<0.01	<0.01										
91-20-3	Naphthalene	P	NP	19000	2	0.01	n/a	2	<0.01	<0.01										

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - SD

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-103	RBH-110	Strata / Zone		Date sampled:	
											GW - SD	GW - SD	23/07/2021	27/07/2021
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		2	0.04	0.1	n/a	<0.04	<0.04				
P1877	Phenol	SP	NP	84100000	2	1	n/a	7.7	<1	<1				
P1407	Ali EC5-EC6			35900	2	1	15000	10	<1	<1				
P1408	Ali >EC6-EC8			5370	2	1	15000	10	<1	<1				
P1409	Ali >EC8-EC10			427	2	1	300	10	<1	<1				
P1410	Ali >EC10-EC12			33.9	2	10	300	10	<10	<10				
P1411	Ali >EC12-EC16			0.759	2	10	300	10	<10	<10				
P1938	Ali >EC16-EC35			0.00254	2	10	n/a	10	<10	<10				
P1415	Ali >EC35-EC44			0.00254	2	10	n/a	10	<10	<10				
P1441	Aro EC5-EC7			17800000	2	1	1	10	<1	<1				
P1355	Aro >EC7-EC8			590000	2	1	700	10	<1	<1				
P1356	Aro >EC8-EC10			64600	2	1	300	10	<1	<1				
P1357	Aro >EC10-EC12			24500	2	10	90	10	<10	<10				
P1358	Aro > EC12-EC16			5750	2	10	90	10	<10	<10				
P1359	Aro >EC16-EC21			653	2	10	90	10	<10	<10				
P1360	Aro >EC21-EC35			6.61	2	10	90	10	<10	<10				
P1362	Aro >EC35-EC44			6.61	2	10	n/a	10	<10	<10				
71-43-2	Benzene	P	H	17800000	2	1	1	10	<1	<1				
108-88-3	Toluene	SP	H	5900000	2	1	700	74	<1	<1				
100-41-4	Ethylbenzene		H	180000	2	1	300	20	<1	<1				
95-47-6	o-Xylene		H	173000	2	1	500	30	<1	<1				
P1374	m,p-Xylene		H	200000	2	1	500	30	<1	<1				
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	2	1	15	n/a	<1	<1				
71-55-6	1,1,1-Trichloroethane		NP	1300000	2	1	n/a	100	<1	<1				
79-00-5	1,1,2-Trichloroethane		NP	4490000	2	1	n/a	400	<1	<1				
96-12-8	1,2-Dibromo-3-chloropropane			1230000	2	1	0.1	n/a	<1	<1				
106-93-4	1,2-Dibromoethane		H	4300000	2	1	0.4	n/a	<1	<1				
95-50-1	1,2-Dichlorobenzene		H	133000	2	1	1000	20	<1	<1				
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	7550000	2	1	50	n/a	<1	<1				
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	5250000	2	1	50	n/a	<1	<1				
78-87-5	1,2-Dichloropropane		H	2050000	2	1	40	n/a	<1	<1				
10061-01-5	cis 1,3-Dichloropropene		H	2700000	2	1	0.1	n/a	<1	<1				
10061-02-6	trans 1,3-Dichloropropene		H	2800000	2	1	0.1	n/a	<1	<1				
106-46-7	1,4-Dichlorobenzene		H	103000	2	1	300	20	<1	<1				
75-27-4	Bromodichloromethane			3000000	2	1	60	n/a	<1	<1				
75-01-4	Chloroethene (vinyl chloride)		H	2760000	2	1	0.5	n/a	<1	<1				

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - SD

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-103	RBH-110	Surface Water Representative Hardness as mg/l CaCO ₃								
											Strata / Zone	GW - SD	GW - SD						
124-48-1	Dibromochloromethane			1050000	2	1	100	n/a	<1	<1									
75-09-2	Dichloromethane	P	NP	20100000	2	3	20	20	<3	<3									
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	2	1	0.1	0.6	<1	<1									
100-42-5	Styrene		H	290000	2	1	20	50	<1	<1									
25322-20-7	Tetrachloroethane (PCA)	SP			2	2	n/a	140	<2	<2									
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	2	1	10	10	<1	<1									
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				2	2	10	n/a	<2	<2									
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	2	1	3	12	<1	<1									
12002-48-1	Trichlorobenzenes	P	NP		2	3	n/a	0.4	<3	<3									
79-01-6	Trichloroethene	OP	H	1370000	2	1	10	10	<1	<1									
67-66-3	Trichloromethane (chloroform)	P	H	8950000	2	1	100	2.5	<1	<1									

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): **Groundwater and surface water**

Secondary receptor(s): **Human health (abstraction)**

Data set: **Groundwater**

Client: **Equites Newlands (Thrapston East) Ltd**

Site: **Land Adjacent Halden Parkway Thrapston**

Job no: **C18443**

Test Certificates(s): **21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1**

Dataset **GW - KWS**

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-101	Strata / Zone	GW - KWS							
										Date sampled:	22/07/2021							
7440-22-4	Silver (Ag) (dissolved)				1	0.05	n/a	0.05	<0.05									
7429-90-5	Aluminium (Al) (dissolved)				1	1	200	n/a	2.5									
7440-38-2	Arsenic (As) (dissolved)	SP	H		1	0.15	10	50	1.48									
7440-42-8	Boron (B) (dissolved)		NP		1	10	1000	2000	120									
7440-39-3	Barium (Ba) (dissolved)				1	0.06	1300	n/a	81									
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		1	0.02	5	0.08	0.04									
7440-48-4	Cobalt (Co) (dissolved)		NP		1	0.2	n/a	3	22									
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		1	5	n/a	3.4	<5									
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			1	1	n/a	4.7	6.9									
7440-47-3	Chromium (Cr) (total) (dissolved)				1	0.2	50	n/a	6.9									
7440-50-8	Copper (Cu) (dissolved)	SP	NP		1	0.5	2000	18.17	6.7									
7439-89-6	Iron (Fe) (dissolved)	SP			1	4	200	1000	340									
7439-97-6	Mercury (Hg) (dissolved)	PH	H		1	0.05	1	0.07	<0.05									
P1286	Manganese (Mn) (dissolved)	SP			1	0.05	50	219.55	3100									
7440-23-5	Sodium (Na) (dissolved)				1	10	200000	n/a	630000									
7440-02-0	Nickel (Ni) (dissolved)	P	NP		1	0.5	20	11.5	16									
7439-92-1	Lead (Pb) (dissolved)	P	H		1	0.2	10	6.8	<0.2									
7440-36-0	Antimony (Sb) (dissolved)		NP		1	0.4	5	n/a	0.7									
7782-49-2	Selenium (Se) (dissolved)		NP		1	0.6	10	n/a	160									
7440-31-5	Tin (Sn) (dissolved)				1	0.2	n/a	25	0.47									
7440-62-2	Vanadium (V) (dissolved)				1	0.2	n/a	20	0.6									
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		1	0.5	n/a	31.59	28									
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		1	1	n/a	1	<1									
57-12-5	Cyanide (total)				1	1	50	n/a	<1									
P1140	Ammonium (NH ₄ ⁺)		NP		1	15	500	n/a	2000									
P1238	Ammoniacal Nitrogen (as N)		NP		1	15	n/a	300	1500									
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		1	15	n/a	n/a	1900									
15541-45-4	Bromate (BrO ₃ ⁻)				1	2	10	n/a	<2									
16887-00-6	Chloride (Cl ⁻)				1	150	250000	250000	93000									
16984-48-8	Fluoride (F ⁻)				1	50	1500	1000	260									
P1348	Nitrate (NO ₃ ⁻)				1	50	50000	n/a	570									
P1349	Nitrite (NO ₂ ⁻)				1	5	500	n/a	110									
14808-79-8	Sulfate (SO ₄ ²⁻)				1	45	250000	400000	1360000									
P1134	pH (min.) (su)				1	-	6.5	6	<7.1									
P1134	pH (max.) (su)				1	-	9.5	9	<7.1									
P1287	Electrical conductivity (µS/cm)				1	10	2500	n/a	2700									
120-12-7	Anthracene	PH	H	56	1	0.01	n/a	0.1	<0.01									
50-32-8	Benzo(a)pyrene	PH	H	3.8	1	0.01	0.01	0.00017	<0.01									
206-44-0	Fluoranthene	P	H	230	1	0.01	n/a	0.0063	<0.01									
91-20-3	Naphthalene	P	NP	19000	1	0.01	n/a	2	<0.01									

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - KWS

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-101	Strata / Zone	GW - KWS							
										Date sampled:	22/07/2021							
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		1	0.04	0.1	n/a	<0.04									
P1877	Phenol	SP	NP	84100000	1	1	n/a	7.7	<1									
P1407	Ali EC5-EC6			35900	1	1	15000	10	<1									
P1408	Ali >EC6-EC8			5370	1	1	15000	10	<1									
P1409	Ali >EC8-EC10			427	1	1	300	10	<1									
P1410	Ali >EC10-EC12			33.9	1	10	300	10	<10									
P1411	Ali >EC12-EC16			0.759	1	10	300	10	<10									
P1938	Ali >EC16-EC35			0.00254	1	10	n/a	10	<10									
P1415	Ali >EC35-EC44			0.00254	1	10	n/a	10	<10									
P1441	Aro EC5-EC7			1780000	1	1	1	10	<1									
P1355	Aro >EC7-EC8			590000	1	1	700	10	<1									
P1356	Aro >EC8-EC10			64600	1	1	300	10	<1									
P1357	Aro >EC10-EC12			24500	1	10	90	10	<10									
P1358	Aro > EC12-EC16			5750	1	10	90	10	<10									
P1359	Aro >EC16-EC21			653	1	10	90	10	<10									
P1360	Aro >EC21-EC35			6.61	1	10	90	10	<10									
P1362	Aro >EC35-EC44			6.61	1	10	n/a	10	<10									
71-43-2	Benzene	P	H	1780000	1	1	1	10	<1									
108-88-3	Toluene	SP	H	590000	1	1	700	74	<1									
100-41-4	Ethylbenzene		H	180000	1	1	300	20	<1									
95-47-6	o-Xylene		H	173000	1	1	500	30	<1									
P1374	m,p-Xylene		H	200000	1	1	500	30	<1									
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	1	1	15	n/a	<1									
71-55-6	1,1,1-Trichloroethane		NP	1300000	1	1	n/a	100	<1									
79-00-5	1,1,2-Trichloroethane		NP	4490000	1	1	n/a	400	<1									
96-12-8	1,2-Dibromo-3-chloropropane			1230000	1	1	0.1	n/a	<1									
106-93-4	1,2-Dibromoethane		H	4300000	1	1	0.4	n/a	<1									
95-50-1	1,2-Dichlorobenzene		H	133000	1	1	1000	20	<1									
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	7550000	1	1	50	n/a	<1									
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	5250000	1	1	50	n/a	<1									
78-87-5	1,2-Dichloropropane		H	2050000	1	1	40	n/a	<1									
10061-01-5	cis 1,3-Dichloropropene		H	2700000	1	1	0.1	n/a	<1									
10061-02-6	trans 1,3-Dichloropropene		H	2800000	1	1	0.1	n/a	<1									
106-46-7	1,4-Dichlorobenzene		H	103000	1	1	300	20	<1									
75-27-4	Bromodichloromethane			3000000	1	1	60	n/a	<1									
75-01-4	Chloroethene (vinyl chloride)		H	2760000	1	1	0.5	n/a	<1									

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - KWS

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-101	Strata / Zone	GW - KWS						
										Date sampled:	22/07/2021						
124-48-1	Dibromochloromethane			1050000	1	1	100	n/a	<1								
75-09-2	Dichloromethane	P	NP	20100000	1	3	20	20	<3								
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	1	1	0.1	0.6	<1								
100-42-5	Styrene		H	290000	1	1	20	50	<1								
25322-20-7	Tetrachloroethane (PCA)	SP			1	2	n/a	140	<2								
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	1	1	10	10	<1								
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				1	2	10	n/a	<2								
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	1	1	3	12	<1								
12002-48-1	Trichlorobenzenes	P	NP		1	3	n/a	0.4	<3								
79-01-6	Trichloroethene	OP	H	1370000	1	1	10	10	<1								
67-66-3	Trichloromethane (chloroform)	P	H	8950000	1	1	100	2.5	<1								

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): **Groundwater and surface water**

Secondary receptor(s): **Human health (abstraction)**

Data set: **Groundwater**

Client: **Equites Newlands (Thrapston East) Ltd**

Site: **Land Adjacent Halden Parkway Thrapston**

Job no: **C18443**

Test Certificates(s): **21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1**

Dataset **GW - KWC**

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-102	Strata / Zone	GW - KWC										
										Date sampled:	22/07/2021										
7440-22-4	Silver (Ag) (dissolved)				1	0.05	n/a	0.05	<0.05												
7429-90-5	Aluminium (Al) (dissolved)				1	1	200	n/a	9.7												
7440-38-2	Arsenic (As) (dissolved)	SP	H		1	0.15	10	50	0.86												
7440-42-8	Boron (B) (dissolved)		NP		1	10	1000	2000	130												
7440-39-3	Barium (Ba) (dissolved)				1	0.06	1300	n/a	59												
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		1	0.02	5	0.08	0.04												
7440-48-4	Cobalt (Co) (dissolved)		NP		1	0.2	n/a	3	0.5												
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		1	5	n/a	3.4	<5												
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			1	1	n/a	4.7	2.7												
7440-47-3	Chromium (Cr) (total) (dissolved)				1	0.2	50	n/a	2.7												
7440-50-8	Copper (Cu) (dissolved)	SP	NP		1	0.5	2000	18.17	3.4												
7439-89-6	Iron (Fe) (dissolved)	SP			1	4	200	1000	15												
7439-97-6	Mercury (Hg) (dissolved)	PH	H		1	0.05	1	0.07	<0.05												
P1286	Manganese (Mn) (dissolved)	SP			1	0.05	50	219.55	20												
7440-23-5	Sodium (Na) (dissolved)				1	10	200000	n/a	22000												
7440-02-0	Nickel (Ni) (dissolved)	P	NP		1	0.5	20	11.5	3.7												
7439-92-1	Lead (Pb) (dissolved)	P	H		1	0.2	10	6.8	<0.2												
7440-36-0	Antimony (Sb) (dissolved)		NP		1	0.4	5	n/a	0.9												
7782-49-2	Selenium (Se) (dissolved)		NP		1	0.6	10	n/a	1.3												
7440-31-5	Tin (Sn) (dissolved)				1	0.2	n/a	25	0.86												
7440-62-2	Vanadium (V) (dissolved)				1	0.2	n/a	20	0.4												
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		1	0.5	n/a	31.59	4.6												
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		1	1	n/a	1	<1												
57-12-5	Cyanide (total)				1	1	50	n/a	<1												
P1140	Ammonium (NH ₄ ⁺)		NP		1	15	500	n/a	140												
P1238	Ammoniacal Nitrogen (as N)		NP		1	15	n/a	300	110												
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		1	15	n/a	n/a	130												
15541-45-4	Bromate (BrO ₃ ⁻)				1	2	10	n/a	<2												
16887-00-6	Chloride (Cl ⁻)				1	150	250000	250000	34000												
16984-48-8	Fluoride (F ⁻)				1	50	1500	1000	120												
P1348	Nitrate (NO ₃ ⁻)				1	50	50000	n/a	5300												
P1349	Nitrite (NO ₂ ⁻)				1	5	500	n/a	160												
14808-79-8	Sulfate (SO ₄ ²⁻)				1	45	250000	400000	220000												
P1134	pH (min.) (su)				1	-	6.5	6	<7												
P1134	pH (max.) (su)				1	-	9.5	9	<7												
P1287	Electrical conductivity (µS/cm)				1	10	2500	n/a	780												
120-12-7	Anthracene	PH	H	56	1	0.01	n/a	0.1	<0.01												
50-32-8	Benzo(a)pyrene	PH	H	3.8	1	0.01	0.01	0.00017	<0.01												
206-44-0	Fluoranthene	P	H	230	1	0.01	n/a	0.0063	<0.01												
91-20-3	Naphthalene	P	NP	19000	1	0.01	n/a	2	<0.01												

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - KWC											PNEC calculated (inland EQS)		123* Exceeds solubility value <1 Grey text and "<" sign if value <= LoD 999 Red text if value > DWS Red fill if value > Inland Waters EQS		Surface Water Representative Hardness as mg/l CaCO ₃ 10			
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-102									
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		1	0.04	0.1	n/a	<0.04									
P1877	Phenol	SP	NP	84100000	1	1	n/a	7.7	<1									
P1407	Ali EC5-EC6			35900	1	1	15000	10	<1									
P1408	Ali >EC6-EC8			5370	1	1	15000	10	<1									
P1409	Ali >EC8-EC10			427	1	1	300	10	<1									
P1410	Ali >EC10-EC12			33.9	1	10	300	10	<10									
P1411	Ali >EC12-EC16			0.759	1	10	300	10	<10									
P1938	Ali >EC16-EC35			0.00254	1	10	n/a	10	<10									
P1415	Ali >EC35-EC44			0.00254	1	10	n/a	10	<10									
P1441	Aro EC5-EC7			1780000	1	1	1	10	<1									
P1355	Aro >EC7-EC8			590000	1	1	700	10	<1									
P1356	Aro >EC8-EC10			64600	1	1	300	10	<1									
P1357	Aro >EC10-EC12			24500	1	10	90	10	<10									
P1358	Aro > EC12-EC16			5750	1	10	90	10	<10									
P1359	Aro >EC16-EC21			653	1	10	90	10	<10									
P1360	Aro >EC21-EC35			6.61	1	10	90	10	<10									
P1362	Aro >EC35-EC44			6.61	1	10	n/a	10	<10									
71-43-2	Benzene	P	H	1780000	1	1	1	10	<1									
108-88-3	Toluene	SP	H	590000	1	1	700	74	<1									
100-41-4	Ethylbenzene		H	180000	1	1	300	20	<1									
95-47-6	o-Xylene		H	173000	1	1	500	30	<1									
P1374	m,p-Xylene		H	200000	1	1	500	30	<1									
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	1	1	15	n/a	<1									
71-55-6	1,1,1-Trichloroethane		NP	1300000	1	1	n/a	100	<1									
79-00-5	1,1,2-Trichloroethane		NP	4490000	1	1	n/a	400	<1									
96-12-8	1,2-Dibromo-3-chloropropane			1230000	1	1	0.1	n/a	<1									
106-93-4	1,2-Dibromoethane		H	4300000	1	1	0.4	n/a	<1									
95-50-1	1,2-Dichlorobenzene		H	133000	1	1	1000	20	<1									
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	7550000	1	1	50	n/a	<1									
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	5250000	1	1	50	n/a	<1									
78-87-5	1,2-Dichloropropane		H	2050000	1	1	40	n/a	<1									
10061-01-5	cis 1,3-Dichloropropene		H	2700000	1	1	0.1	n/a	<1									
10061-02-6	trans 1,3-Dichloropropene		H	2800000	1	1	0.1	n/a	<1									
106-46-7	1,4-Dichlorobenzene		H	103000	1	1	300	20	<1									
75-27-4	Bromodichloromethane			3000000	1	1	60	n/a	<1									
75-01-4	Chloroethene (vinyl chloride)		H	2760000	1	1	0.5	n/a	<1									

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - KWC

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	CBH-102	Strata / Zone	GW - KWC						
										Date sampled:	22/07/2021						
124-48-1	Dibromochloromethane			1050000	1	1	100	n/a	<1								
75-09-2	Dichloromethane	P	NP	20100000	1	3	20	20	<3								
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	1	1	0.1	0.6	<1								
100-42-5	Styrene		H	290000	1	1	20	50	<1								
25322-20-7	Tetrachloroethane (PCA)	SP			1	2	n/a	140	<2								
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	1	1	10	10	<1								
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				1	2	10	n/a	<2								
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	1	1	3	12	<1								
12002-48-1	Trichlorobenzenes	P	NP		1	3	n/a	0.4	<3								
79-01-6	Trichloroethene	OP	H	1370000	1	1	10	10	<1								
67-66-3	Trichloromethane (chloroform)	P	H	8950000	1	1	100	2.5	<1								

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - CB

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Surface Water Representative Hardness as mg/l CaCO ₃									
									Strata / Zone	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB
									Date sampled:	22/07/2021	22/07/2021	22/07/2021	23/07/2021	23/07/2021	23/07/2021	23/07/2021	23/07/2021	22/07/2021
									RBH-101	RBH-102	RBH-103	RBH-104	RBH-105	RBH-106	RBH-107	RBH-108		
7440-22-4	Silver (Ag) (dissolved)				16	0.05	n/a	0.05	<0.05	2.95	<0.05	<0.05	2.48	<0.05	<0.05	<0.05		
7429-90-5	Aluminium (Al) (dissolved)				16	1	200	n/a	6.9	9.5	9.8	7.3	4.7	9.6	4.7	2.5		
7440-38-2	Arsenic (As) (dissolved)	SP	H		16	0.15	10	50	0.69	0.61	1.1	1.17	0.45	0.27	3.44	1.17		
7440-42-8	Boron (B) (dissolved)		NP		16	10	1000	2000	270	500	310	780	80	100	170	320		
7440-39-3	Barium (Ba) (dissolved)				16	0.06	1300	n/a	81	40	48	43	45	70	96	45		
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		16	0.02	5	0.08	<0.02	<0.02	<0.02	<0.02	0.2	<0.02	<0.02	<0.02		
7440-48-4	Cobalt (Co) (dissolved)		NP		16	0.2	n/a	3	2.5	1	6.3	0.9	1.5	0.9	0.6	1.4		
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		16	5	n/a	3.4	<5	<5	<5	<5	<5	<5	<5	<5		
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			10	1	n/a	4.7	1.4	1.5	3	1.2	2.7	1.9	1.8	<1		
7440-47-3	Chromium (Cr) (total) (dissolved)				16	0.2	50	n/a	1.4	1.5	3	1.2	2.7	1.9	1.8	0.8		
7440-50-8	Copper (Cu) (dissolved)	SP	NP		16	0.5	2000	18.17	2.6	3	0.9	4.6	5.4	1.4	0.6	2.5		
7439-89-6	Iron (Fe) (dissolved)	SP			16	4	200	1000	16	22	22	220	12	25	5100	14		
7439-97-6	Mercury (Hg) (dissolved)	PH	H		16	0.05	1	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
P1286	Manganese (Mn) (dissolved)	SP			16	0.05	50	219.55	93	830	470	13	75	28	860	240		
7440-23-5	Sodium (Na) (dissolved)				16	10	200000	n/a	180000	110000	61000	140000	15000	56000	71000	120000		
7440-02-0	Nickel (Ni) (dissolved)	P	NP		16	0.5	20	11.5	7.5	3.6	15	4.9	8	3.3	2	3.6		
7439-92-1	Lead (Pb) (dissolved)	P	H		16	0.2	10	6.8	<0.2	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	<0.2		
7440-36-0	Antimony (Sb) (dissolved)		NP		16	0.4	5	n/a	0.7	0.8	<0.4	0.7	1	0.5	<0.4	1.1		
7782-49-2	Selenium (Se) (dissolved)		NP		16	0.6	10	n/a	18	18	<0.6	1.7	0.8	3.4	<0.6	12		
7440-31-5	Tin (Sn) (dissolved)				16	0.2	n/a	25	0.72	0.48	0.91	<0.2	0.45	2.1	0.73	0.7		
7440-62-2	Vanadium (V) (dissolved)				16	0.2	n/a	20	0.3	<0.2	0.3	0.5	<0.2	<0.2	<0.2	0.3		
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		16	0.5	n/a	31.59	3.6	7.8	6	27	7.3	2.4	15	2.5		
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		16	1	n/a	1	<1	<1	<1	<1	<1	<1	<1	<1		
57-12-5	Cyanide (total)				16	1	50	n/a	<1	<1	<1	<1	<1	<1	<1	<1		
P1140	Ammonium (NH ₄ ⁺)		NP		16	15	500	n/a	310	980	830	1500	42	55	59	330		
P1238	Ammoniacal Nitrogen (as N)		NP		16	15	n/a	300	240	760	650	1200	33	43	46	260		
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		16	15	n/a	n/a	300	920	780	1500	40	52	56	310		
15541-45-4	Bromate (BrO ₃ ⁻)				16	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	<2		
16887-00-6	Chloride (Cl ⁻)				16	150	250000	250000	76000	70000	60000	68000	18000	33000	69000	72000		
16984-48-8	Fluoride (F ⁻)				15	50	1500	1000	310	480	460		160	210	320	320		
P1348	Nitrate (NO ₃ ⁻)				16	50	50000	n/a	5400	13800	1820	470	2440	12900	780	3890		
P1349	Nitrite (NO ₂ ⁻)				16	5	500	n/a	720	1600	<5	<5	<5	1000	<5	1800		
14808-79-8	Sulfate (SO ₄ ²⁻)				16	45	250000	400000	747000	363000	1030000	231000	305000	330000	186000	395000		
P1134	pH (min.) (su)				16	-	6.5	6	<7.4	<7.5	<6.8	<7.7	<7.1	<7.3	<7.1	<7.6		
P1134	pH (max.) (su)				16	-	9.5	9	<7.4	<7.5	<6.8	<7.7	<7.1	<7.3	<7.1	<7.6		
P1287	Electrical conductivity (µS/cm)				16	10	2500	n/a	1500	1000	1800	820	940	930	840	940		
120-12-7	Anthracene	PH	H	56	16	0.01	n/a	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
50-32-8	Benzo(a)pyrene	PH	H	3.8	16	0.01	0.01	0.00017	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
206-44-0	Fluoranthene	P	H	230	16	0.01	n/a	0.0063	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
91-20-3	Naphthalene	P	NP	19000	16	0.01	n/a	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - CB																
								Strata / Zone	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB
								Date sampled:	27/07/2021	27/07/2021	26/01/2022	23/02/2022	26/01/2022	23/02/2022	26/01/2022	23/02/2022
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-113	RBH-119	RBH-201	RBH-201	RBH-216	RBH-216	RBH-219	RBH-219
7440-22-4	Silver (Ag) (dissolved)				16	0.05	n/a	0.05	2.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
7429-90-5	Aluminium (Al) (dissolved)				16	1	200	n/a	11	19	51	24	30	34	2	9.5
7440-38-2	Arsenic (As) (dissolved)	SP	H		16	0.15	10	50	0.46	1.25	1.09	1	1.31	1.25	0.46	0.42
7440-42-8	Boron (B) (dissolved)		NP		16	10	1000	2000	170	770	280	290	780	930	120	77
7440-39-3	Barium (Ba) (dissolved)				16	0.06	1300	n/a	85	32	44	43	40	38	19	21
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		16	0.02	5	0.08	<0.02	<0.02	0.04	<0.02	<0.02	0.03	<0.02	<0.02
7440-48-4	Cobalt (Co) (dissolved)		NP		16	0.2	n/a	3	1.3	1.4	1.5	1.3	1	1.5	2.8	1.2
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		16	5	n/a	3.4	<5	<5	<5	<5	<5	<5	<5	<5
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			10	1	n/a	4.7	<1	<1	<5	<5	<5	<5	<5	<5
7440-47-3	Chromium (Cr) (total) (dissolved)				16	0.2	50	n/a	0.9	0.9	1.4	1.6	2.1	1.9	2.1	2.3
7440-50-8	Copper (Cu) (dissolved)	SP	NP		16	0.5	2000	18.17	1.9	2	5.6	2.1	1.7	2.1	1.3	0.9
7439-89-6	Iron (Fe) (dissolved)	SP			16	4	200	1000	19	12	9.3	17	85	20	<4	20
7439-97-6	Mercury (Hg) (dissolved)	PH	H		16	0.05	1	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
P1286	Manganese (Mn) (dissolved)	SP			16	0.05	50	219.55	53	46	150	140	24	37	52	17
7440-23-5	Sodium (Na) (dissolved)				16	10	200000	n/a	72000	97000	140000	240000	63000	120000	44000	60000
7440-02-0	Nickel (Ni) (dissolved)	P	NP		16	0.5	20	11.5	4.4	3.6	5.4	4.8	4.2	5.6	6.8	5.8
7439-92-1	Lead (Pb) (dissolved)	P	H		16	0.2	10	6.8	<0.2	<0.2	0.6	<0.2	<0.2	<0.2	<0.2	<0.2
7440-36-0	Antimony (Sb) (dissolved)		NP		16	0.4	5	n/a	0.8	<0.4	0.8	0.6	1.7	1	1.2	0.6
7782-49-2	Selenium (Se) (dissolved)		NP		16	0.6	10	n/a	5.5	7.5	3.6	5.7	8.4	11	3.4	3.9
7440-31-5	Tin (Sn) (dissolved)				16	0.2	n/a	25	0.4	0.89	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
7440-62-2	Vanadium (V) (dissolved)				16	0.2	n/a	20	0.3	0.7	0.5	0.5	0.7	0.6	<0.2	0.3
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		16	0.5	n/a	31.59	4.4	8.3	8.3	8.4	7.5	3.9	6.4	2
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		16	1	n/a	1	<1	<1	<1	<1	<1	<1	<1	<1
57-12-5	Cyanide (total)				16	1	50	n/a	<1	<1	<1	<1	4.6	<1	<1	<1
P1140	Ammonium (NH ₄ ⁺)		NP		16	15	500	n/a	38	730	31	<15	590	430	38	<15
P1238	Ammoniacal Nitrogen (as N)		NP		16	15	n/a	300	30	570	24	<15	460	340	30	<15
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		16	15	n/a	n/a	36	690	29	<15	560	410	36	<15
15541-45-4	Bromate (BrO ₃ ⁻)				16	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	<2
16887-00-6	Chloride (Cl ⁻)				16	150	250000	250000	63000	61000	79000	81000	75000	72000	40000	40000
16984-48-8	Fluoride (F ⁻)				15	50	1500	1000	530	370	430	430	580	570	270	330
P1348	Nitrate (NO ₃ ⁻)				16	50	50000	n/a	30300	1400	1140	570	11800	7140	9260	11200
P1349	Nitrite (NO ₂ ⁻)				16	5	500	n/a	3100	29	11	<5	840	500	440	<5
14808-79-8	Sulfate (SO ₄ ²⁻)				16	45	250000	400000	360000	512000	368000	510000	152000	351000	385000	443000
P1134	pH (min.) (su)				16	-	6.5	6	<7.3	<7.4	<8	<7.6	<8.1	<7.7	<7.5	<7.3
P1134	pH (max.) (su)				16	-	9.5	9	<7.3	<7.4	<8	<7.6	<8.1	<7.7	<7.5	<7.3
P1287	Electrical conductivity (µS/cm)				16	10	2500	n/a	1100	1300	950	1200	670	790	810	870
120-12-7	Anthracene	PH	H	56	16	0.01	n/a	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
50-32-8	Benzo(a)pyrene	PH	H	3.8	16	0.01	0.01	0.00017	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
206-44-0	Fluoranthene	P	H	230	16	0.01	n/a	0.0063	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
91-20-3	Naphthalene	P	NP	19000	16	0.01	n/a	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): **Groundwater and surface water**

Secondary receptor(s): **Human health (abstraction)**

Data set: **Groundwater**

Client: **Equites Newlands (Thrapston East) Ltd**

Site: **Land Adjacent Halden Parkway Thrapston**

Job no: **C18443**

Test Certificates(s): **21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1**

Dataset **GW - CB**

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-101	RBH-102	RBH-103	RBH-104	RBH-105	RBH-106	RBH-107	RBH-108
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		16	0.04	0.1	n/a	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
P1877	Phenol	SP	NP	84100000	16	1	n/a	7.7	<1	<1	<1	<1	<1	<1	<1	<1
P1407	Ali EC5-EC6			359000	13	1	15000	10	<1	<1	<1	<1	<1	<1	<1	<1
P1408	Ali >EC6-EC8			5370	13	1	15000	10	<1	<1	<1	<1	<1	<1	<1	<1
P1409	Ali >EC8-EC10			427	13	1	300	10	<1	<1	<1	<1	<1	<1	<1	<1
P1410	Ali >EC10-EC12			33.9	13	10	300	10	<10	<10	<10	<10	<10	<10	<10	<10
P1411	Ali >EC12-EC16			0.759	13	10	300	10	<10	<10	<10	<10	<10	<10	<10	<10
P1938	Ali >EC16-EC35			0.00254	13	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10
P1415	Ali >EC35-EC44			0.00254	13	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10
P1441	Aro EC5-EC7			17800000	13	1	1	10	<1	<1	<1	<1	<1	<1	<1	<1
P1355	Aro >EC7-EC8			5900000	13	1	700	10	<1	<1	<1	<1	<1	<1	<1	<1
P1356	Aro >EC8-EC10			646000	13	1	300	10	<1	<1	<1	<1	<1	<1	<1	<1
P1357	Aro >EC10-EC12			245000	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1358	Aro > EC12-EC16			5750	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1359	Aro >EC16-EC21			653	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1360	Aro >EC21-EC35			6.61	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1362	Aro >EC35-EC44			6.61	13	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10
71-43-2	Benzene	P	H	17800000	16	1	1	10	<1	<1	<1	<1	<1	<1	<1	<1
108-88-3	Toluene	SP	H	5900000	16	1	700	74	<1	<1	<1	<1	<1	<1	<1	<1
100-41-4	Ethylbenzene		H	1800000	16	1	300	20	<1	<1	<1	<1	<1	<1	<1	<1
95-47-6	o-Xylene		H	1730000	16	1	500	30	<1	<1	<1	<1	<1	<1	<1	<1
P1374	m,p-Xylene		H	2000000	16	1	500	30	<1	<1	<1	<1	<1	<1	<1	<1
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	16	1	15	n/a	<1	<1	<1	<1	<1	<1	<1	<1
71-55-6	1,1,1-Trichloroethane		NP	13000000	16	1	n/a	100	<1	<1	<1	<1	<1	<1	<1	<1
79-00-5	1,1,2-Trichloroethane		NP	44900000	16	1	n/a	400	<1	<1	<1	<1	<1	<1	<1	<1
96-12-8	1,2-Dibromo-3-chloropropane			12300000	16	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1
106-93-4	1,2-Dibromoethane		H	43000000	16	1	0.4	n/a	<1	<1	<1	<1	<1	<1	<1	<1
95-50-1	1,2-Dichlorobenzene		H	1330000	16	1	1000	20	<1	<1	<1	<1	<1	<1	<1	<1
107-06-2	1,2-Dichloroethane (EDC)	P	NP	86800000	6	1	3	10								
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	75500000	16	1	50	n/a	<1	<1	<1	<1	<1	<1	<1	<1
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	52500000	16	1	50	n/a	<1	<1	<1	<1	<1	<1	<1	<1
78-87-5	1,2-Dichloropropane		H	20500000	16	1	40	n/a	<1	<1	<1	<1	<1	<1	<1	<1
10061-01-5	cis 1,3-Dichloropropene		H	27000000	16	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1
10061-02-6	trans 1,3-Dichloropropene		H	28000000	16	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1
106-46-7	1,4-Dichlorobenzene		H	10300000	16	1	300	20	<1	<1	<1	<1	<1	<1	<1	<1
75-27-4	Bromodichloromethane			30000000	16	1	60	n/a	<1	<1	<1	<1	<1	<1	<1	<1

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - CB																
								Strata / Zone	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB
								Date sampled:	27/07/2021	27/07/2021	26/01/2022	23/02/2022	26/01/2022	23/02/2022	26/01/2022	23/02/2022
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-113	RBH-119	RBH-201	RBH-201	RBH-216	RBH-216	RBH-219	RBH-219
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		16	0.04	0.1	n/a	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
P1877	Phenol	SP	NP	84100000	16	1	n/a	7.7	<1	<1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
P1407	Ali EC5-EC6			35900	13	1	15000	10	<1	<1	<1	<1	<1	<1	<1	<1
P1408	Ali >EC6-EC8			5370	13	1	15000	10	<1	<1	<1	<1	<1	<1	<1	<1
P1409	Ali >EC8-EC10			427	13	1	300	10	<1	<1	<1	<1	<1	<1	<1	<1
P1410	Ali >EC10-EC12			33.9	13	10	300	10	<10	<10	<10	<10	<10	<10	<10	<10
P1411	Ali >EC12-EC16			0.759	13	10	300	10	<10	<10	<10	<10	<10	<10	<10	<10
P1938	Ali >EC16-EC35			0.00254	13	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10
P1415	Ali >EC35-EC44			0.00254	13	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10
P1441	Aro EC5-EC7			1780000	13	1	1	10	<1	<1	<1	<1	<1	<1	<1	<1
P1355	Aro >EC7-EC8			590000	13	1	700	10	<1	<1	<1	<1	<1	<1	<1	<1
P1356	Aro >EC8-EC10			64600	13	1	300	10	<1	<1	<1	<1	<1	<1	<1	<1
P1357	Aro >EC10-EC12			24500	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1358	Aro > EC12-EC16			5750	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1359	Aro >EC16-EC21			653	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1360	Aro >EC21-EC35			6.61	13	10	90	10	<10	<10	<10	<10	<10	<10	<10	<10
P1362	Aro >EC35-EC44			6.61	13	10	n/a	10	<10	<10	<10	<10	<10	<10	<10	<10
71-43-2	Benzene	P	H	1780000	16	1	1	10	<1	<1	<1	<1	<1	<1	<1	<1
108-88-3	Toluene	SP	H	590000	16	1	700	74	<1	<1	<1	<1	<1	<1	<1	<1
100-41-4	Ethylbenzene		H	180000	16	1	300	20	<1	<1	<1	<1	<1	<1	<1	<1
95-47-6	o-Xylene		H	173000	16	1	500	30	<1	<1	<1	<1	<1	<1	<1	<1
P1374	m,p-Xylene		H	200000	16	1	500	30	<1	<1	<1	<1	<1	<1	<1	<1
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	16	1	15	n/a	<1	<1	<1	<1	<1	<1	<1	<1
71-55-6	1,1,1-Trichloroethane		NP	1300000	16	1	n/a	100	<1	<1	<1	<1	<1	<1	<1	<1
79-00-5	1,1,2-Trichloroethane		NP	4490000	16	1	n/a	400	<1	<1	<1	<1	<1	<1	<1	<1
96-12-8	1,2-Dibromo-3-chloropropane			1230000	16	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1
106-93-4	1,2-Dibromoethane		H	4300000	16	1	0.4	n/a	<1	<1	<1	<1	<1	<1	<1	<1
95-50-1	1,2-Dichlorobenzene		H	133000	16	1	1000	20	<1	<1	<1	<1	<1	<1	<1	<1
107-06-2	1,2-Dichloroethane (EDC)	P	NP	8680000	6	1	3	10	<1	<1	<1	<1	<1	<1	<1	<1
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	7550000	16	1	50	n/a	<1	<1	<1	<1	<1	<1	<1	<1
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	5250000	16	1	50	n/a	<1	<1	<1	<1	<1	<1	<1	<1
78-87-5	1,2-Dichloropropane		H	2050000	16	1	40	n/a	<1	<1	<1	<1	<1	<1	<1	<1
10061-01-5	cis 1,3-Dichloropropene		H	2700000	16	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1
10061-02-6	trans 1,3-Dichloropropene		H	2800000	16	1	0.1	n/a	<1	<1	<1	<1	<1	<1	<1	<1
106-46-7	1,4-Dichlorobenzene		H	103000	16	1	300	20	<1	<1	<1	<1	<1	<1	<1	<1
75-27-4	Bromodichloromethane			3000000	16	1	60	n/a	<1	<1	<1	<1	<1	<1	<1	<1

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - CB

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Surface Water Representative Hardness as mg/l CaCO ₃									
									Strata / Zone	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB
									Date sampled:	22/07/2021	22/07/2021	22/07/2021	23/07/2021	23/07/2021	23/07/2021	23/07/2021	23/07/2021	22/07/2021
									RBH-101	RBH-102	RBH-103	RBH-104	RBH-105	RBH-106	RBH-107	RBH-108		
75-01-4	Chloroethene (vinyl chloride)		H	2760000	16	1	0.5	n/a	<1	<1	<1	<1	<1	<1	<1	<1		
124-48-1	Dibromochloromethane			1050000	16	1	100	n/a	<1	<1	<1	<1	<1	<1	<1	<1		
25321-22-6	Dichlorobenzenes (1,2-, 1,3- & 1,4-)				6	3	n/a	20										
75-09-2	Dichloromethane	P	NP	20100000	16	3	20	20	<3	<3	<3	<3	<3	<3	<3	<3		
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	16	1	0.1	0.6	<1	<1	<1	<1	<1	<1	<1	<1		
100-42-5	Styrene		H	290000	16	1	20	50	<1	<1	<1	<1	<1	<1	<1	<1		
25322-20-7	Tetrachloroethane (PCA)	SP			16	2	n/a	140	<2	<2	<2	<2	<2	<2	<2	<2		
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	16	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1		
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				16	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	<2		
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	16	1	3	12	<1	<1	<1	<1	<1	<1	<1	<1		
75-25-2	Tribromomethane (bromoform)			3000000	6	1	100	n/a										
12002-48-1	Trichlorobenzenes	P	NP		16	3	n/a	0.4	<3	<3	<3	<3	<3	<3	<3	<3		
79-01-6	Trichloroethene	OP	H	1370000	16	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1		
67-66-3	Trichloromethane (chloroform)	P	H	8950000	16	1	100	2.5	<1	<1	<1	<1	<1	<1	<1	<1		
GRP03	Trihalomethanes, sum of trichloromethane, tribromomethane, dibromchloromethane & bromodichloromethane				6	4	100	n/a										
88-06-2	2,4,6-Trichlorophenol		H	434000	6	0.05	200	n/a										
120-83-2	2,4-Dichlorophenol	SP	H	4500000	6	0.05	n/a	4.2										
95-57-8	2-Chlorophenol		H	22700000	6	0.05	n/a	50										
59-50-7	4-Chloro, 3-methylphenol		H		6	0.05	n/a	40										
85-68-7	Benzyl butyl phthalate	SP			6	0.05	n/a	7.5										
84-74-2	Dibutyl phthalate		NP		6	0.05	n/a	8										
84-66-2	Diethyl phthalate (DEP)				6	0.05	n/a	200										
118-74-1	Hexachlorobenzene	PH	H	9.6	6	0.05	0.1	0.05										

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - CB																	
								Strata / Zone	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB	GW - CB
								Date sampled:	27/07/2021	27/07/2021	26/01/2022	23/02/2022	26/01/2022	23/02/2022	26/01/2022	23/02/2022	23/02/2022
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-113	RBH-119	RBH-201	RBH-201	RBH-216	RBH-216	RBH-219	RBH-219	RBH-219
75-01-4	Chloroethene (vinyl chloride)		H	2760000	16	1	0.5	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
124-48-1	Dibromochloromethane			1050000	16	1	100	n/a	<1	<1	<1	<1	<1	<1	<1	<1	<1
25321-22-6	Dichlorobenzenes (1,2-, 1,3- & 1,4-)				6	3	n/a	20			<3	<3	<3	<3	<3	<3	<3
75-09-2	Dichloromethane	P	NP	20100000	16	3	20	20	<3	<3	<3	<3	<3	<3	<3	<3	<3
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	16	1	0.1	0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1
100-42-5	Styrene		H	290000	16	1	20	50	<1	<1	<1	<1	<1	<1	<1	<1	<1
25322-20-7	Tetrachloroethane (PCA)	SP			16	2	n/a	140	<2	<2	<2	<2	<2	<2	<2	<2	<2
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	16	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				16	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	<2	<2
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	16	1	3	12	<1	<1	<1	<1	<1	<1	<1	<1	<1
75-25-2	Tribromomethane (bromoform)			3000000	6	1	100	n/a			<1	<1	<1	<1	<1	<1	<1
12002-48-1	Trichlorobenzenes	P	NP		16	3	n/a	0.4	<3	<3	<3	<3	<3	<3	<3	<3	<3
79-01-6	Trichloroethene	OP	H	1370000	16	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1	<1
67-66-3	Trichloromethane (chloroform)	P	H	8950000	16	1	100	2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
GRP03	Trihalomethanes, sum of trichloromethane, tribromomethane, dibromochloromethane & bromodichloromethane				6	4	100	n/a			<4	<4	<4	<4	<4	<4	<4
88-06-2	2,4,6-Trichlorophenol		H	434000	6	0.05	200	n/a			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
120-83-2	2,4-Dichlorophenol	SP	H	4500000	6	0.05	n/a	4.2			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
95-57-8	2-Chlorophenol		H	22700000	6	0.05	n/a	50			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
59-50-7	4-Chloro, 3-methylphenol		H		6	0.05	n/a	40			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
85-68-7	Benzyl butyl phthalate	SP			6	0.05	n/a	7.5			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
84-74-2	Dibutyl phthalate		NP		6	0.05	n/a	8			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
84-66-2	Diethyl phthalate (DEP)				6	0.05	n/a	200			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
118-74-1	Hexachlorobenzene	PH	H	9.6	6	0.05	0.1	0.05			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): **Groundwater and surface water**

Secondary receptor(s): **Human health (abstraction)**

Data set: **Groundwater**

Client: **Equites Newlands (Thrapston East) Ltd**

Site: **Land Adjacent Halden Parkway Thrapston**

Job no: **C18443**

Test Certificates(s): **21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1**

Dataset **GW - BC**

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-117	Strata / Zone	GW - BC							
										Date sampled:	27/07/2021							
7440-22-4	Silver (Ag) (dissolved)				1	0.05	n/a	0.05	<0.05									
7429-90-5	Aluminium (Al) (dissolved)				1	1	200	n/a	9.1									
7440-38-2	Arsenic (As) (dissolved)	SP	H		1	0.15	10	50	1.46									
7440-42-8	Boron (B) (dissolved)		NP		1	10	1000	2000	100									
7440-39-3	Barium (Ba) (dissolved)				1	0.06	1300	n/a	50									
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		1	0.02	5	0.08	<0.02									
7440-48-4	Cobalt (Co) (dissolved)		NP		1	0.2	n/a	3	1.3									
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		1	5	n/a	3.4	<5									
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			1	1	n/a	4.7	1.9									
7440-47-3	Chromium (Cr) (total) (dissolved)				1	0.2	50	n/a	1.9									
7440-50-8	Copper (Cu) (dissolved)	SP	NP		1	0.5	2000	18.17	5.7									
7439-89-6	Iron (Fe) (dissolved)	SP			1	4	200	1000	30									
7439-97-6	Mercury (Hg) (dissolved)	PH	H		1	0.05	1	0.07	<0.05									
P1286	Manganese (Mn) (dissolved)	SP			1	0.05	50	219.55	12									
7440-23-5	Sodium (Na) (dissolved)				1	10	200000	n/a	52000									
7440-02-0	Nickel (Ni) (dissolved)	P	NP		1	0.5	20	11.5	6.1									
7439-92-1	Lead (Pb) (dissolved)	P	H		1	0.2	10	6.8	<0.2									
7440-36-0	Antimony (Sb) (dissolved)		NP		1	0.4	5	n/a	0.7									
7782-49-2	Selenium (Se) (dissolved)		NP		1	0.6	10	n/a	1.3									
7440-31-5	Tin (Sn) (dissolved)				1	0.2	n/a	25	0.27									
7440-62-2	Vanadium (V) (dissolved)				1	0.2	n/a	20	0.9									
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		1	0.5	n/a	31.59	99									
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		1	1	n/a	1	<1									
57-12-5	Cyanide (total)				1	1	50	n/a	<1									
P1140	Ammonium (NH ₄ ⁺)		NP		1	15	500	n/a	1400									
P1238	Ammoniacal Nitrogen (as N)		NP		1	15	n/a	300	1100									
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		1	15	n/a	n/a	1300									
15541-45-4	Bromate (BrO ₃)				1	2	10	n/a	<2									
16887-00-6	Chloride (Cl ⁻)				1	150	250000	250000	70000									
P1348	Nitrate (NO ₃ ⁻)				1	50	50000	n/a	4520									
P1349	Nitrite (NO ₂ ⁻)				1	5	500	n/a	1400									
14808-79-8	Sulfate (SO ₄ ²⁻)				1	45	250000	400000	148000									
P1134	pH (min.) (su)				1	-	6.5	6	<7.4									
P1134	pH (max.) (su)				1	-	9.5	9	<7.4									
P1287	Electrical conductivity (µS/cm)				1	10	2500	n/a	740									
120-12-7	Anthracene	PH	H	56	1	0.01	n/a	0.1	0.29									
50-32-8	Benzo(a)pyrene	PH	H	3.8	1	0.01	0.01	0.00017	1.06									
206-44-0	Fluoranthene	P	H	230	1	0.01	n/a	0.0063	3.05									
91-20-3	Naphthalene	P	NP	19000	1	0.01	n/a	2	<0.01									

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - BC

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

PNEC calculated (inland EQS)

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-117	Strata / Zone				GW - BC	Date sampled:	27/07/2021
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		1	0.04	0.1	n/a	2.9							
P1877	Phenol	SP	NP	84100000	1	1	n/a	7.7	<1							
P1407	Ali EC5-EC6			35900	1	1	15000	10	<1							
P1408	Ali >EC6-EC8			5370	1	1	15000	10	<1							
P1409	Ali >EC8-EC10			427	1	1	300	10	<1							
P1410	Ali >EC10-EC12			33.9	1	10	300	10	<10							
P1411	Ali >EC12-EC16			0.759	1	10	300	10	11 *							
P1938	Ali >EC16-EC35			0.00254	1	10	n/a	10	19 *							
P1415	Ali >EC35-EC44			0.00254	1	10	n/a	10	<10							
P1441	Aro EC5-EC7			1780000	1	1	1	10	<1							
P1355	Aro >EC7-EC8			590000	1	1	700	10	<1							
P1356	Aro >EC8-EC10			64600	1	1	300	10	<1							
P1357	Aro >EC10-EC12			24500	1	10	90	10	<10							
P1358	Aro > EC12-EC16			5750	1	10	90	10	<10							
P1359	Aro >EC16-EC21			653	1	10	90	10	<10							
P1360	Aro >EC21-EC35			6.61	1	10	90	10	<10							
P1362	Aro >EC35-EC44			6.61	1	10	n/a	10	<10							
71-43-2	Benzene	P	H	1780000	1	1	1	10	<1							
108-88-3	Toluene	SP	H	590000	1	1	700	74	<1							
100-41-4	Ethylbenzene		H	180000	1	1	300	20	<1							
95-47-6	o-Xylene		H	173000	1	1	500	30	<1							
P1374	m,p-Xylene		H	200000	1	1	500	30	<1							
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	1	1	15	n/a	<1							
71-55-6	1,1,1-Trichloroethane		NP	1300000	1	1	n/a	100	<1							
79-00-5	1,1,2-Trichloroethane		NP	4490000	1	1	n/a	400	<1							
96-12-8	1,2-Dibromo-3-chloropropane			1230000	1	1	0.1	n/a	<1							
106-93-4	1,2-Dibromoethane		H	4300000	1	1	0.4	n/a	<1							
95-50-1	1,2-Dichlorobenzene		H	133000	1	1	1000	20	<1							
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	7550000	1	1	50	n/a	<1							
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	5250000	1	1	50	n/a	<1							
78-87-5	1,2-Dichloropropane		H	2050000	1	1	40	n/a	<1							
10061-01-5	cis 1,3-Dichloropropene		H	2700000	1	1	0.1	n/a	<1							
10061-02-6	trans 1,3-Dichloropropene		H	2800000	1	1	0.1	n/a	<1							
106-46-7	1,4-Dichlorobenzene		H	103000	1	1	300	20	<1							
75-27-4	Bromodichloromethane			3000000	1	1	60	n/a	<1							
75-01-4	Chloroethene (vinyl chloride)		H	2760000	1	1	0.5	n/a	<1							

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - BC

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-117	Strata / Zone	GW - BC						
										Date sampled:	27/07/2021						
124-48-1	Dibromochloromethane			1050000	1	1	100	n/a	<1								
75-09-2	Dichloromethane	P	NP	20100000	1	3	20	20	<3								
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	1	1	0.1	0.6	<1								
100-42-5	Styrene		H	290000	1	1	20	50	<1								
25322-20-7	Tetrachloroethane (PCA)	SP			1	2	n/a	140	<2								
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	1	1	10	10	<1								
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				1	2	10	n/a	<2								
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	1	1	3	12	<1								
12002-48-1	Trichlorobenzenes	P	NP		1	3	n/a	0.4	<3								
79-01-6	Trichloroethene	OP	H	1370000	1	1	10	10	<1								
67-66-3	Trichloromethane (chloroform)	P	H	8950000	1	1	100	2.5	<1								

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

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Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - BL

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL
									Date sampled:	27/07/2021	27/07/2021	27/07/2021	27/07/2021	26/01/2022	23/02/2022	26/01/2022	23/02/2022
7440-22-4	Silver (Ag) (dissolved)				12	0.05	n/a	0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
7429-90-5	Aluminium (Al) (dissolved)				12	1	200	n/a		10	7.9	21	16	4.8	23	2.8	32
7440-38-2	Arsenic (As) (dissolved)	SP	H		12	0.15	10	50		1.69	<0.15	0.59	0.93	<0.15	0.21	0.82	0.78
7440-42-8	Boron (B) (dissolved)		NP		12	10	1000	2000		240	48	110	150	96	79	740	850
7440-39-3	Barium (Ba) (dissolved)				12	0.06	1300	n/a		43	61	66	54	22	30	22	27
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		12	0.02	5	0.08		0.04	<0.02	<0.02	<0.02	<0.02	<0.02	0.04	0.04
7440-48-4	Cobalt (Co) (dissolved)		NP		12	0.2	n/a	3		1.1	1.1	1.5	1.1	0.8	1.2	8.1	6.3
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		12	5	n/a	3.4		<5	<5	<5	<5	<5	<5	<5	<5
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			12	5	n/a	4.7		<1.7	<1	<1	<1	<5	<5	<5	<5
7440-47-3	Chromium (Cr) (total) (dissolved)				12	0.2	50	n/a		1.7	0.5	0.9	0.5	2.2	2.6	1.7	2.8
7440-50-8	Copper (Cu) (dissolved)	SP	NP		12	0.5	2000	18.17		9.2	0.8	2.3	1.8	2.8	3	2.3	1.6
7439-89-6	Iron (Fe) (dissolved)	SP			12	4	200	1000		1.1	13	27	27	170	14	17	11
7439-97-6	Mercury (Hg) (dissolved)	PH	H		12	0.05	1	0.07		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
P1286	Manganese (Mn) (dissolved)	SP			12	0.05	50	219.55		17	70	100	12	6.9	22	88	77
7440-23-5	Sodium (Na) (dissolved)				12	10	200000	n/a		71000	18000	57000	56000	13000	16000	46000	59000
7440-02-0	Nickel (Ni) (dissolved)	P	NP		12	0.5	20	11.5		5.9	3.5	5.8	4	3.2	4	40	36
7439-92-1	Lead (Pb) (dissolved)	P	H		12	0.2	10	6.8		<0.2	<0.2	<0.2	<0.2	0.3	<0.2	<0.2	<0.2
7440-36-0	Antimony (Sb) (dissolved)		NP		12	0.4	5	n/a		1.1	<0.4	0.8	0.9	1.3	<0.4	0.7	0.6
7782-49-2	Selenium (Se) (dissolved)		NP		12	0.6	10	n/a		2	0.7	1	0.7	1.3	1.2	1.4	1.5
7440-31-5	Tin (Sn) (dissolved)				12	0.2	n/a	25		0.38	0.22	0.42	1.1	<0.2	<0.2	<0.2	<0.2
7440-62-2	Vanadium (V) (dissolved)				12	0.2	n/a	20		1	<0.2	0.5	0.5	<0.2	<0.2	0.3	0.6
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		12	0.5	n/a	31.59		5.2	3.4	3	4.2	7.6	6.4	27	26
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		12	1	n/a	1		<1	<1	<1	<1	<1	<1	<1	<1
57-12-5	Cyanide (total)				12	1	50	n/a		<1	<1	<1	<1	<1	2.7	<1	<1
P1140	Ammonium (NH ₄ ⁺)		NP		12	15	500	n/a		180	31	320	230	33	<15	250	230
P1238	Ammoniacal Nitrogen (as N)		NP		12	15	n/a	300		140	24	250	180	25	<15	200	180
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		12	15	n/a	n/a		170	29	310	210	31	<15	240	210
15541-45-4	Bromate (BrO ₃ ⁻)				12	2	10	n/a		<2	<2	<2	<2	<2	<2	<2	<2
16887-00-6	Chloride (Cl ⁻)				12	150	250000	250000		47000	36000	110000	82000	18000	19000	38000	34000
16984-48-8	Fluoride (F ⁻)				12	50	1500	1000		680	510	440	670	160	160	250	300
P1348	Nitrate (NO ₃ ⁻)				12	50	50000	n/a		360	1920	42000	1140	100000	92700	18400	23700
P1349	Nitrite (NO ₂ ⁻)				12	5	500	n/a		6.9	24	450	650	<5	8.5	4900	2600
14808-79-8	Sulfate (SO ₄ ²⁻)				12	45	250000	400000		280000	1300000	123000	132000	125000	125000	1090000	1190000
P1134	pH (min.) (su)				12	-	6.5	6		<7.4	<7.1	<7.3	<7.6	<7.8	<7.4	<7.7	<7.2
P1134	pH (max.) (su)				12	-	9.5	9		<7.4	<7.1	<7.3	<7.6	<7.8	<7.4	<7.7	<7.2
P1287	Electrical conductivity (µS/cm)				12	10	2500	n/a		840	1900	920	700	610	690	1200	1400
120-12-7	Anthracene	PH	H	56	12	0.01	n/a	0.1		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
50-32-8	Benzo(a)pyrene	PH	H	3.8	12	0.01	0.01	0.00017		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
206-44-0	Fluoranthene	P	H	230	12	0.01	n/a	0.0063		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
91-20-3	Naphthalene	P	NP	19000	12	0.01	n/a	2		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - BL													Strata / Zone	GW - BL	GW - BL	GW - BL	GW - BL						
													Date sampled:	26/01/2022	23/02/2022	26/01/2022	23/02/2022						
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-214	RBH-214	RBH-218	RBH-218											
7440-22-4	Silver (Ag) (dissolved)				12	0.05	n/a	0.05	<0.05	<0.05	<0.05	<0.05											
7429-90-5	Aluminium (Al) (dissolved)				12	1	200	n/a	10	2.9	5	93											
7440-38-2	Arsenic (As) (dissolved)	SP	H		12	0.15	10	50	0.54	0.36	1.33	0.99											
7440-42-8	Boron (B) (dissolved)		NP		12	10	1000	2000	1700	2000	500	440											
7440-39-3	Barium (Ba) (dissolved)				12	0.06	1300	n/a	18	22	19	19											
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		12	0.02	5	0.08	0.05	<0.02	0.06	<0.02											
7440-48-4	Cobalt (Co) (dissolved)		NP		12	0.2	n/a	3	11	4.3	17	11											
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		12	5	n/a	3.4	<5	<5	<5	<5											
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			12	5	n/a	4.7	<5	<5	<5	<5											
7440-47-3	Chromium (Cr) (total) (dissolved)				12	0.2	50	n/a	2.8	2.4	2.7	4.1											
7440-50-8	Copper (Cu) (dissolved)	SP	NP		12	0.5	2000	18.17	2.3	2.5	3.4	2.6											
7439-89-6	Iron (Fe) (dissolved)	SP			12	4	200	1000	76	29	<4	19											
7439-97-6	Mercury (Hg) (dissolved)	PH	H		12	0.05	1	0.07	<0.05	<0.05	<0.05	<0.05											
P1286	Manganese (Mn) (dissolved)	SP			12	0.05	50	219.55	110	65	370	540											
7440-23-5	Sodium (Na) (dissolved)				12	10	200000	n/a	52000	80000	82000	75000											
7440-02-0	Nickel (Ni) (dissolved)	P	NP		12	0.5	20	11.5	19	10	26	15											
7439-92-1	Lead (Pb) (dissolved)	P	H		12	0.2	10	6.8	<0.2	<0.2	<0.2	<0.2											
7440-36-0	Antimony (Sb) (dissolved)		NP		12	0.4	5	n/a	0.7	0.5	0.6	<0.4											
7782-49-2	Selenium (Se) (dissolved)		NP		12	0.6	10	n/a	1.2	0.9	2.1	1.8											
7440-31-5	Tin (Sn) (dissolved)				12	0.2	n/a	25	<0.2	<0.2	<0.2	<0.2											
7440-62-2	Vanadium (V) (dissolved)				12	0.2	n/a	20	0.3	<0.2	0.6	0.5											
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		12	0.5	n/a	31.59	13	7.5	12	8											
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		12	1	n/a	1	<1	<1	<1	<1											
57-12-5	Cyanide (total)				12	1	50	n/a	<1	<1	<1	<1											
P1140	Ammonium (NH ₄ ⁺)		NP		12	15	500	n/a	970	390	510	640											
P1238	Ammoniacal Nitrogen (as N)		NP		12	15	n/a	300	760	310	400	500											
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		12	15	n/a	n/a	920	370	480	610											
15541-45-4	Bromate (BrO ₃ ⁻)				12	2	10	n/a	<2	<2	<2	<2											
16887-00-6	Chloride (Cl ⁻)				12	150	250000	250000	31000	29000	130000	120000											
16984-48-8	Fluoride (F ⁻)				12	50	1500	1000	320	340	410	410											
P1348	Nitrate (NO ₃ ⁻)				12	50	50000	n/a	3170	6420	2550	620											
P1349	Nitrite (NO ₂ ⁻)				12	5	500	n/a	120	66	1200	41											
14808-79-8	Sulfate (SO ₄ ²⁻)				12	45	250000	400000	1220000	1420000	979000	901000											
P1134	pH (min.) (su)				12	-	6.5	6	<7.3	<7	<7.3	<6.8											
P1134	pH (max.) (su)				12	-	9.5	9	<7.3	<7	<7.3	<6.8											
P1287	Electrical conductivity (µS/cm)				12	10	2500	n/a	1300	1400	1300	1400											
120-12-7	Anthracene	PH	H	56	12	0.01	n/a	0.1	<0.01	<0.01	<0.01	<0.01											
50-32-8	Benzo(a)pyrene	PH	H	3.8	12	0.01	0.01	0.00017	<0.01	<0.01	<0.01	<0.01											
206-44-0	Fluoranthene	P	H	230	12	0.01	n/a	0.0063	<0.01	<0.01	<0.01	<0.01											
91-20-3	Naphthalene	P	NP	19000	12	0.01	n/a	2	<0.01	<0.01	<0.01	<0.01											

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - BL

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL
									Date sampled:	27/07/2021	27/07/2021	27/07/2021	27/07/2021	26/01/2022	23/02/2022	26/01/2022	23/02/2022
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		12	0.04	0.1	n/a		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
P1877	Phenol	SP	NP	84100000	12	1	n/a	7.7		<1	<1	<1	<1	<0.05	<0.05	<0.05	<0.05
P1407	Ali EC5-EC6			359000	8	1	15000	10		<1	<1	<1	<1				<1
P1408	Ali >EC6-EC8			5370	8	1	15000	10		<1	<1	<1	<1				<1
P1409	Ali >EC8-EC10			427	8	1	300	10		<1	<1	<1	<1				<1
P1410	Ali >EC10-EC12			33.9	8	10	300	10		<10	<10	<10	<10				<10
P1411	Ali >EC12-EC16			0.759	8	10	300	10		<10	<10	<10	<10				<10
P1938	Ali >EC16-EC35			0.00254	8	10	n/a	10		<10	<10	<10	<10				<10
P1415	Ali >EC35-EC44			0.00254	8	10	n/a	10		<10	<10	<10	<10				<10
P1441	Aro EC5-EC7			17800000	8	1	1	10		<1	<1	<1	<1				<1
P1355	Aro >EC7-EC8			5900000	8	1	700	10		<1	<1	<1	<1				<1
P1356	Aro >EC8-EC10			646000	8	1	300	10		<1	<1	<1	<1				<1
P1357	Aro >EC10-EC12			245000	8	10	90	10		<10	<10	<10	<10				<10
P1358	Aro > EC12-EC16			5750	8	10	90	10		<10	<10	<10	<10				<10
P1359	Aro >EC16-EC21			653	8	10	90	10		<10	<10	<10	<10				<10
P1360	Aro >EC21-EC35			6.61	8	10	90	10		<10	<10	<10	<10				<10
P1362	Aro >EC35-EC44			6.61	8	10	n/a	10		<10	<10	<10	<10				<10
71-43-2	Benzene	P	H	17800000	12	1	1	10		<1	<1	<1	<1	<1	<1	<1	<1
108-88-3	Toluene	SP	H	5900000	12	1	700	74		<1	<1	<1	<1	<1	<1	<1	<1
100-41-4	Ethylbenzene		H	1800000	12	1	300	20		<1	<1	<1	<1	<1	<1	<1	<1
95-47-6	o-Xylene		H	1730000	12	1	500	30		<1	<1	<1	<1	<1	<1	<1	<1
P1374	m,p-Xylene		H	2000000	12	1	500	30		<1	<1	<1	<1	<1	<1	<1	<1
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	12	1	15	n/a		<1	<1	<1	<1	<1	<1	<1	<1
71-55-6	1,1,1-Trichloroethane		NP	13000000	12	1	n/a	100		<1	<1	<1	<1	<1	<1	<1	<1
79-00-5	1,1,2-Trichloroethane		NP	44900000	12	1	n/a	400		<1	<1	<1	<1	<1	<1	<1	<1
96-12-8	1,2-Dibromo-3-chloropropane			12300000	12	1	0.1	n/a		<1	<1	<1	<1	<1	<1	<1	<1
106-93-4	1,2-Dibromoethane		H	43000000	12	1	0.4	n/a		<1	<1	<1	<1	<1	<1	<1	<1
95-50-1	1,2-Dichlorobenzene		H	1330000	12	1	1000	20		<1	<1	<1	<1	<1	<1	<1	<1
107-06-2	1,2-Dichloroethane (EDC)	P	NP	86800000	8	1	3	10						<1	<1	<1	<1
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	75500000	12	1	50	n/a		<1	<1	<1	<1	<1	<1	<1	<1
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	52500000	12	1	50	n/a		<1	<1	<1	<1	<1	<1	<1	<1
78-87-5	1,2-Dichloropropane		H	20500000	12	1	40	n/a		<1	<1	<1	<1	<1	<1	<1	<1
10061-01-5	cis 1,3-Dichloropropene		H	27000000	12	1	0.1	n/a		<1	<1	<1	<1	<1	<1	<1	<1
10061-02-6	trans 1,3-Dichloropropene		H	28000000	12	1	0.1	n/a		<1	<1	<1	<1	<1	<1	<1	<1
106-46-7	1,4-Dichlorobenzene		H	10300000	12	1	300	20		<1	<1	<1	<1	<1	<1	<1	<1
75-27-4	Bromodichloromethane			30000000	12	1	60	n/a		<1	<1	<1	<1	<1	<1	<1	<1

Remedial Targets Methodology Data Table



Hydrock Scenario: Scenario D - DWS & EQS (inland) RTM Level: RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples Water body receptor(s): Groundwater and surface water Secondary receptor(s): Human health (abstraction) Data set: Groundwater Client: Equites Newlands (Thrapston East) Ltd Site: Land Adjacent Halden Parkway Thrapston Job no: C18443 Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1 Dataset GW - BL														
								Strata / Zone	GW - BL	GW - BL	GW - BL	GW - BL		
								Date sampled:	26/01/2022	23/02/2022	26/01/2022	23/02/2022		
CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	RBH-214	RBH-214	RBH-218	RBH-218		
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		12	0.04	0.1	n/a	<0.04	<0.04	<0.04	<0.04		
P1877	Phenol	SP	NP	84100000	12	1	n/a	7.7	<0.05	<0.05	<0.05	<0.05		
P1407	Ali EC5-EC6			35900	8	1	15000	10		<1		<1		
P1408	Ali >EC6-EC8			5370	8	1	15000	10		<1		<1		
P1409	Ali >EC8-EC10			427	8	1	300	10		<1		<1		
P1410	Ali >EC10-EC12			33.9	8	10	300	10		<10		<10		
P1411	Ali >EC12-EC16			0.759	8	10	300	10		<10		<10		
P1938	Ali >EC16-EC35			0.00254	8	10	n/a	10		<10		<10		
P1415	Ali >EC35-EC44			0.00254	8	10	n/a	10		<10		<10		
P1441	Aro EC5-EC7			1780000	8	1	1	10		<1		<1		
P1355	Aro >EC7-EC8			590000	8	1	700	10		<1		<1		
P1356	Aro >EC8-EC10			64600	8	1	300	10		<1		<1		
P1357	Aro >EC10-EC12			24500	8	10	90	10		<10		<10		
P1358	Aro > EC12-EC16			5750	8	10	90	10		<10		<10		
P1359	Aro >EC16-EC21			653	8	10	90	10		<10		<10		
P1360	Aro >EC21-EC35			6.61	8	10	90	10		<10		<10		
P1362	Aro >EC35-EC44			6.61	8	10	n/a	10		<10		<10		
71-43-2	Benzene	P	H	1780000	12	1	1	10	<1	<1	<1	<1		
108-88-3	Toluene	SP	H	590000	12	1	700	74	<1	<1	<1	<1		
100-41-4	Ethylbenzene		H	180000	12	1	300	20	<1	<1	<1	<1		
95-47-6	o-Xylene		H	173000	12	1	500	30	<1	<1	<1	<1		
P1374	m,p-Xylene		H	200000	12	1	500	30	<1	<1	<1	<1		
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	12	1	15	n/a	<1	<1	<1	<1		
71-55-6	1,1,1-Trichloroethane		NP	1300000	12	1	n/a	100	<1	<1	<1	<1		
79-00-5	1,1,2-Trichloroethane		NP	4490000	12	1	n/a	400	<1	<1	<1	<1		
96-12-8	1,2-Dibromo-3-chloropropane			1230000	12	1	0.1	n/a	<1	<1	<1	<1		
106-93-4	1,2-Dibromoethane		H	4300000	12	1	0.4	n/a	<1	<1	<1	<1		
95-50-1	1,2-Dichlorobenzene		H	133000	12	1	1000	20	<1	<1	<1	<1		
107-06-2	1,2-Dichloroethane (EDC)	P	NP	8680000	8	1	3	10	<1	<1	<1	<1		
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	7550000	12	1	50	n/a	<1	<1	<1	<1		
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	5250000	12	1	50	n/a	<1	<1	<1	<1		
78-87-5	1,2-Dichloropropane		H	2050000	12	1	40	n/a	<1	<1	<1	<1		
10061-01-5	cis 1,3-Dichloropropene		H	2700000	12	1	0.1	n/a	<1	<1	<1	<1		
10061-02-6	trans 1,3-Dichloropropene		H	2800000	12	1	0.1	n/a	<1	<1	<1	<1		
106-46-7	1,4-Dichlorobenzene		H	103000	12	1	300	20	<1	<1	<1	<1		
75-27-4	Bromodichloromethane			3000000	12	1	60	n/a	<1	<1	<1	<1		

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - BL

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Date sampled:							
									Strata / Zone	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL	GW - BL
									27/07/2021	27/07/2021	27/07/2021	27/07/2021	26/01/2022	23/02/2022	26/01/2022	23/02/2022
75-01-4	Chloroethene (vinyl chloride)		H	2760000	12	1	0.5	n/a	<1	<1	<1	<1	<1	<1	<1	<1
124-48-1	Dibromochloromethane			1050000	12	1	100	n/a	<1	<1	<1	<1	<1	<1	<1	<1
25321-22-6	Dichlorobenzenes (1,2-, 1,3- & 1,4-)				8	3	n/a	20					<3	<3	<3	<3
75-09-2	Dichloromethane	P	NP	20100000	12	3	20	20	<3	<3	<3	<3	<3	<3	<3	<3
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	12	1	0.1	0.6	<1	<1	<1	<1	<1	<1	<1	<1
100-42-5	Styrene		H	290000	12	1	20	50	<1	<1	<1	<1	<1	<1	<1	<1
25322-20-7	Tetrachloroethane (PCA)	SP			12	2	n/a	140	<2	<2	<2	<2	<2	<2	<2	<2
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	12	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				12	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	<2
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	12	1	3	12	<1	<1	<1	<1	<1	<1	<1	<1
75-25-2	Tribromomethane (bromoform)			3000000	8	1	100	n/a					<1	<1	<1	<1
12002-48-1	Trichlorobenzenes	P	NP		12	3	n/a	0.4	<3	<3	<3	<3	<3	<3	<3	<3
79-01-6	Trichloroethene	OP	H	1370000	12	1	10	10	<1	<1	<1	<1	<1	<1	<1	<1
67-66-3	Trichloromethane (chloroform)	P	H	8950000	12	1	100	2.5	<1	<1	<1	<1	<1	<1	<1	<1
GRP03	Trihalomethanes, sum of trichloromethane, tribromomethane, dibromochloromethane & bromodichloromethane				8	4	100	n/a					<4	<4	<4	<4
88-06-2	2,4,6-Trichlorophenol		H	434000	8	0.05	200	n/a					<0.05	<0.05	<0.05	<0.05
120-83-2	2,4-Dichlorophenol	SP	H	4500000	8	0.05	n/a	4.2					<0.05	<0.05	<0.05	<0.05
95-57-8	2-Chlorophenol		H	22700000	8	0.05	n/a	50					<0.05	<0.05	<0.05	<0.05
59-50-7	4-Chloro, 3-methylphenol		H		8	0.05	n/a	40					<0.05	<0.05	<0.05	<0.05
85-68-7	Benzyl butyl phthalate	SP			8	0.05	n/a	7.5					<0.05	<0.05	<0.05	<0.05
84-74-2	Dibutyl phthalate		NP		8	0.05	n/a	8					<0.05	<0.05	<0.05	<0.05
84-66-2	Diethyl phthalate (DEP)				8	0.05	n/a	200					<0.05	<0.05	<0.05	<0.05
118-74-1	Hexachlorobenzene	PH	H	9.6	8	0.05	0.1	0.05					<0.05	<0.05	<0.05	<0.05

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): Groundwater and surface water

Secondary receptor(s): Human health (abstraction)

Data set: Groundwater

Client: Equites Newlands (Thrapston East) Ltd

Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset GW - BL

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Strata / Zone	GW - BL	GW - BL	GW - BL	GW - BL				
								Date sampled:	26/01/2022	23/02/2022	26/01/2022	23/02/2022				
								Inland Waters EQS	RBH-214	RBH-214	RBH-218	RBH-218				
75-01-4	Chloroethene (vinyl chloride)		H	2760000	12	1	0.5	n/a	<1	<1	<1	<1				
124-48-1	Dibromochloromethane			1050000	12	1	100	n/a	<1	<1	<1	<1				
25321-22-6	Dichlorobenzenes (1,2-, 1,3- & 1,4-)				8	3	n/a	20	<3	<3	<3	<3				
75-09-2	Dichloromethane	P	NP	20100000	12	3	20	20	<3	<3	<3	<3				
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	12	1	0.1	0.6	<1	<1	<1	<1				
100-42-5	Styrene		H	290000	12	1	20	50	<1	<1	<1	<1				
25322-20-7	Tetrachloroethane (PCA)	SP			12	2	n/a	140	<2	<2	<2	<2				
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	12	1	10	10	<1	<1	<1	<1				
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				12	2	10	n/a	<2	<2	<2	<2				
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	12	1	3	12	<1	<1	<1	<1				
75-25-2	Tribromomethane (bromoform)			3000000	8	1	100	n/a	<1	<1	<1	<1				
12002-48-1	Trichlorobenzenes	P	NP		12	3	n/a	0.4	<3	<3	<3	<3				
79-01-6	Trichloroethene	OP	H	1370000	12	1	10	10	<1	<1	<1	<1				
67-66-3	Trichloromethane (chloroform)	P	H	8950000	12	1	100	2.5	<1	<1	<1	<1				
GRP03	Trihalomethanes, sum of trichloromethane, tribromomethane, dibromchloromethane & bromodichloromethane				8	4	100	n/a	<4	<4	<4	<4				
88-06-2	2,4,6-Trichlorophenol		H	434000	8	0.05	200	n/a	<0.05	<0.05	<0.05	<0.05				
120-83-2	2,4-Dichlorophenol	SP	H	4500000	8	0.05	n/a	4.2	<0.05	<0.05	<0.05	<0.05				
95-57-8	2-Chlorophenol		H	22700000	8	0.05	n/a	50	<0.05	<0.05	<0.05	<0.05				
59-50-7	4-Chloro, 3-methylphenol		H		8	0.05	n/a	40	<0.05	<0.05	<0.05	<0.05				
85-68-7	Benzyl butyl phthalate	SP			8	0.05	n/a	7.5	<0.05	<0.05	<0.05	<0.05				
84-74-2	Dibutyl phthalate		NP		8	0.05	n/a	8	<0.05	<0.05	<0.05	<0.05				
84-66-2	Diethyl phthalate (DEP)				8	0.05	n/a	200	<0.05	<0.05	<0.05	<0.05				
118-74-1	Hexachlorobenzene	PH	H	9.6	8	0.05	0.1	0.05	<0.05	<0.05	<0.05	<0.05				

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

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Site: Land Adjacent Halden Parkway Thrapston

Job no: C18443

Test Certificates(s): 21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1

Dataset ALL ZONES

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
 999 Red text if value > DWS
 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	Pond	Pond	Ditch	Ditch	Ditch	River Nene
									Date sampled:	02/08/2021	23/02/2022	23/02/2022	23/02/2022	23/02/2022	24/03/2022
									S1-Pond	S1	S2	S3	S4	S5	
7440-22-4	Silver (Ag) (dissolved)				6	0.05	n/a	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
7429-90-5	Aluminium (Al) (dissolved)				6	1	200	n/a	<1	1.4	3.7	14	3.4	6	
7440-38-2	Arsenic (As) (dissolved)	SP	H		6	0.15	10	50	2	0.76	0.66	0.36	0.82	0.92	
7440-42-8	Boron (B) (dissolved)		NP		6	10	1000	2000	86	92	59	71	58	71	
7440-39-3	Barium (Ba) (dissolved)				6	0.06	1300	n/a	30	40	34	28	33	19	
7440-43-9	Cadmium (Cd) (dissolved)	PH	NP		6	0.02	5	0.08	<0.02	<0.02	<0.02	<0.02	<0.02	0.16	
7440-48-4	Cobalt (Co) (dissolved)		NP		6	0.2	n/a	3	2.4	0.8	0.6	0.6	0.6	0.5	
18540-29-9	Chromium (VI) (Cr) (dissolved)	SP	H		6	5	n/a	3.4	<5	<5	<5	<5	<5	<5	
16065-83-1	Chromium (III) (Cr) (dissolved)	SP			6	5	n/a	4.7	3.2	<5	<5	<5	<5	<5	
7440-47-3	Chromium (Cr) (total) (dissolved)				6	0.2	50	n/a	3.2	2.8	1.9	2.2	2.1	0.8	
7440-50-8	Copper (Cu) (dissolved)	SP	NP		6	0.5	2000	18.17	0.8	4.3	4.3	2.2	4.4	5.3	
7439-89-6	Iron (Fe) (dissolved)	SP			6	4	200	1000	27	6.6	9.1	19	11	21	
7439-97-6	Mercury (Hg) (dissolved)	PH	H		6	0.05	1	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
P1286	Manganese (Mn) (dissolved)	SP			6	0.05	50	219.55	900	13	1.1	0.53	1.5	1.8	
7440-23-5	Sodium (Na) (dissolved)				6	10	200000	n/a	20000	40000	54000	15000	49000	39000	
7440-02-0	Nickel (Ni) (dissolved)	P	NP		6	0.5	20	11.5	2.1	4	3	2.6	2.7	3.5	
7439-92-1	Lead (Pb) (dissolved)	P	H		6	0.2	10	6.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
7440-36-0	Antimony (Sb) (dissolved)		NP		6	0.4	5	n/a	0.8	0.6	0.6	<0.4	<0.4	0.5	
7782-49-2	Selenium (Se) (dissolved)		NP		6	0.6	10	n/a	<0.6	1.5	1.2	1.9	1.3	0.9	
7440-31-5	Tin (Sn) (dissolved)				6	0.2	n/a	25	<0.2	<0.2	<0.2	<0.2	0.25	0.28	
7440-62-2	Vanadium (V) (dissolved)				6	0.2	n/a	20	0.6	0.4	0.4	<0.2	0.5	0.8	
7440-66-6	Zinc (Zn) (dissolved)	SP	NP		6	0.5	n/a	31.59	1.4	8.7	3.3	0.8	3.9	4.7	
P1095	Cyanide (free) (hydrogen cyanide)	SP	NP		6	1	n/a	1	<1	<1	<1	<1	<1	<1	
57-12-5	Cyanide (total)				6	1	50	n/a	<1	<1	<1	<1	<1	<1	
P1140	Ammonium (NH ₄ ⁺)		NP		6	15	500	n/a	1900	<15	<15	<15	<15	53	
P1238	Ammoniacal Nitrogen (as N)		NP		6	15	n/a	300	1500	<15	<15	<15	<15	41	
P1720	Ammonia (unionised) (NH ₃ as N) {free ammonia}	SP	NP		6	15	n/a	n/a	1800	<15	<15	<15	<15	50	
15541-45-4	Bromate (BrO ₃ ⁻)				6	2	10	n/a	<2	<2	<2	<2	<2	<2	
16887-00-6	Chloride (Cl ⁻)				6	150	250000	250000	37000	41000	79000	19000	69000	47000	
16984-48-8	Fluoride (F ⁻)				6	50	1500	1000	210	360	230	220	270	230	
P1348	Nitrate (NO ₃ ⁻)				6	50	50000	n/a	310	94200	81300	72500	79700	36800	
P1349	Nitrite (NO ₂ ⁻)				6	5	500	n/a	24	160	16	6.1	28	330	
14808-79-8	Sulfate (SO ₄ ²⁻)				6	45	250000	400000	40000	361000	163000	216000	160000	93500	
P1134	pH (min.) (su)				6	-	6.5	6	<7.3	<8	<8.1	<8.2	<8.2	<8	
P1134	pH (max.) (su)				6	-	9.5	9	<7.3	<8	<8.1	<8.2	<8.2	<8	
P1287	Electrical conductivity (µS/cm)				6	10	2500	n/a	600	930	760	660	710	710	
120-12-7	Anthracene	PH	H	56	6	0.01	n/a	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
50-32-8	Benzo(a)pyrene	PH	H	3.8	6	0.01	0.01	0.00017	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
206-44-0	Fluoranthene	P	H	230	6	0.01	n/a	0.0063	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
91-20-3	Naphthalene	P	NP	19000	6	0.01	n/a	2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	

Remedial Targets Methodology Data Table



Hydrock Scenario: **Scenario D - DWS & EQS (inland)**

RTM Level: **RTM Level 2 - Groundwater Beneath Source Assessment - groundwater samples**

Water body receptor(s): **Groundwater and surface water**

Secondary receptor(s): **Human health (abstraction)**

Data set: **Groundwater**

Client: **Equites Newlands (Thrapston East) Ltd**

Site: **Land Adjacent Halden Parkway Thrapston**

Job no: **C18443**

Test Certificates(s): **21-89202-1, 21-90486-1, 22-35937-2, 22-41895-2, 22-47495-1**

Dataset **ALL ZONES**

PNEC calculated (inland EQS)

123* Exceeds solubility value
 <1 Grey text and "<" sign if value <= LoD
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 Red fill if value > Inland Waters EQS

Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	Pond	Pond	Ditch	Ditch	Ditch	River Nene
									Date sampled:	02/08/2021	23/02/2022	23/02/2022	23/02/2022	23/02/2022	24/03/2022
GRP01	PAHs = sum of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene	P	H		6	0.04	0.1	n/a		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
P1877	Phenol	SP	NP	84100000	6	1	n/a	7.7		<1	<0.05	<0.05	<0.05	<0.05	<0.05
P1407	Ali EC5-EC6			359000	6	1	15000	10		<1	<1	<1	<1	<1	<1
P1408	Ali >EC6-EC8			5370	6	1	15000	10		<1	<1	<1	<1	<1	<1
P1409	Ali >EC8-EC10			427	6	1	300	10		<1	<1	<1	<1	<1	<1
P1410	Ali >EC10-EC12			33.9	6	10	300	10		<10	<10	<10	<10	<10	<10
P1411	Ali >EC12-EC16			0.759	6	10	300	10		<10	<10	<10	<10	<10	<10
P1938	Ali >EC16-EC35			0.00254	6	10	n/a	10		<10	<10	<10	<10	<10	<10
P1415	Ali >EC35-EC44			0.00254	6	10	n/a	10		<10	<10	<10	<10	<10	<10
P1441	Aro EC5-EC7			17800000	6	1	1	10		<1	<1	<1	<1	<1	<1
P1355	Aro >EC7-EC8			5900000	6	1	700	10		<1	<1	<1	<1	<1	<1
P1356	Aro >EC8-EC10			646000	6	1	300	10		<1	<1	<1	<1	<1	<1
P1357	Aro >EC10-EC12			245000	6	10	90	10		<10	<10	<10	<10	<10	<10
P1358	Aro > EC12-EC16			5750	6	10	90	10		<10	<10	<10	<10	<10	<10
P1359	Aro >EC16-EC21			653	6	10	90	10		<10	<10	<10	<10	<10	<10
P1360	Aro >EC21-EC35			6.61	6	10	90	10		<10	<10	<10	<10	<10	<10
P1362	Aro >EC35-EC44			6.61	6	10	n/a	10		<10	<10	<10	<10	<10	<10
71-43-2	Benzene	P	H	17800000	6	1	1	10		<1	<1	<1	<1	<1	<1
108-88-3	Toluene	SP	H	5900000	6	1	700	74		<1	<1	<1	<1	<1	<1
100-41-4	Ethylbenzene		H	1800000	6	1	300	20		<1	<1	<1	<1	<1	<1
95-47-6	o-Xylene		H	1730000	6	1	500	30		<1	<1	<1	<1	<1	<1
P1374	m,p-Xylene		H	2000000	6	1	500	30		<1	<1	<1	<1	<1	<1
1634-04-04	Methyl tertiary butyl ether (MTBE)		NP	48000000	6	1	15	n/a		<1	<1	<1	<1	<1	<1
71-55-6	1,1,1-Trichloroethane		NP	13000000	6	1	n/a	100		<1	<1	<1	<1	<1	<1
79-00-5	1,1,2-Trichloroethane		NP	44900000	6	1	n/a	400		<1	<1	<1	<1	<1	<1
96-12-8	1,2-Dibromo-3-chloropropane			12300000	6	1	0.1	n/a		<1	<1	<1	<1	<1	<1
106-93-4	1,2-Dibromoethane		H	43000000	6	1	0.4	n/a		<1	<1	<1	<1	<1	<1
95-50-1	1,2-Dichlorobenzene		H	1330000	6	1	1000	20		<1	<1	<1	<1	<1	<1
107-06-2	1,2-Dichloroethane (EDC)	P	NP	86800000	6	1	3	10		<1	<1	<1	<1	<1	<1
156-59-2	cis 1,2-Dichloroethene (cis 1,2 DCE)		NP	75500000	6	1	50	n/a		<1	<1	<1	<1	<1	<1
156-60-5	trans 1,2-Dichloroethene (trans 1,2 DCE)		NP	52500000	6	1	50	n/a		<1	<1	<1	<1	<1	<1
78-87-5	1,2-Dichloropropane		H	20500000	6	1	40	n/a		<1	<1	<1	<1	<1	<1
10061-01-5	cis 1,3-Dichloropropene		H	27000000	6	1	0.1	n/a		<1	<1	<1	<1	<1	<1
10061-02-6	trans 1,3-Dichloropropene		H	28000000	6	1	0.1	n/a		<1	<1	<1	<1	<1	<1
106-46-7	1,4-Dichlorobenzene		H	1030000	6	1	300	20		<1	<1	<1	<1	<1	<1
75-27-4	Bromodichloromethane			30000000	6	1	60	n/a		<1	<1	<1	<1	<1	<1

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Surface Water Representative Hardness as mg/l CaCO₃ 10

CAS / AGS Number	Chemical of Potential Concern (µg/l)	WFD Designation	Hazardous Substance Status	Solubility Limit (µg/l)	No. of samples	Limit of Detection	DWS	Inland Waters EQS	Strata / Zone	Pond	Pond	Ditch	Ditch	Ditch	River Nene	
									Date sampled:	02/08/2021	23/02/2022	23/02/2022	23/02/2022	23/02/2022	24/03/2022	
75-01-4	Chloroethene (vinyl chloride)		H	2760000	6	1	0.5	n/a	<1	<1	<1	<1	<1	<1	<1	
124-48-1	Dibromochloromethane			1050000	6	1	100	n/a	<1	<1	<1	<1	<1	<1	<1	
25321-22-6	Dichlorobenzenes (1,2-, 1,3- & 1,4-)				6	3	n/a	20	<3	<3	<3	<3	<3	<3	<3	
75-09-2	Dichloromethane	P	NP	20100000	6	3	20	20	<3	<3	<3	<3	<3	<3	<3	
87-68-3	Hexachlorobutadiene (HCBD)	PH	H	4800	6	1	0.1	0.6	<1	<1	<1	<1	<1	<1	<1	
100-42-5	Styrene		H	290000	6	1	20	50	<1	<1	<1	<1	<1	<1	<1	
25322-20-7	Tetrachloroethane (PCA)	SP			6	2	n/a	140	<2	<2	<2	<2	<2	<2	<2	
127-18-4	Tetrachloroethene (PCE)	OP	NP	225000	6	1	10	10	<1	<1	<1	<1	<1	<1	<1	
GRP02	Tetrachloroethene (PCE) and trichloroethene (TCE)				6	2	10	n/a	<2	<2	<2	<2	<2	<2	<2	
56-23-5	Tetrachloromethane (Carbon Tetrachloride)	OP	H	846000	6	1	3	12	<1	<1	<1	<1	<1	<1	<1	
75-25-2	Tribromomethane (bromoform)			3000000	5	1	100	n/a	<1	<1	<1	<1	<1	<1	<1	
12002-48-1	Trichlorobenzenes	P	NP		6	3	n/a	0.4	<3	<3	<3	<3	<3	<3	<3	
79-01-6	Trichloroethene	OP	H	1370000	6	1	10	10	<1	<1	<1	<1	<1	<1	<1	
67-66-3	Trichloromethane (chloroform)	P	H	8950000	6	1	100	2.5	<1	<1	<1	<1	<1	<1	<1	
GRP03	Trihalomethanes, sum of trichloromethane, tribromomethane, dibromochloromethane & bromodichloromethane				6	4	100	n/a	<4	<4	<4	<4	<4	<4	<4	
88-06-2	2,4,6-Trichlorophenol		H	434000	5	0.05	200	n/a	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
120-83-2	2,4-Dichlorophenol	SP	H	4500000	5	0.05	n/a	4.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
95-57-8	2-Chlorophenol		H	22700000	5	0.05	n/a	50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
59-50-7	4-Chloro, 3-methylphenol		H		5	0.05	n/a	40	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
85-68-7	Benzyl butyl phthalate	SP			5	0.05	n/a	7.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
84-74-2	Dibutyl phthalate		NP		5	0.05	n/a	8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
84-66-2	Diethyl phthalate (DEP)				5	0.05	n/a	200	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
118-74-1	Hexachlorobenzene	PH	H	9.6	5	0.05	0.1	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	

INPUT DATA												RESULTS (Copper)				RESULTS (Zinc)				RESULTS (Mn)														
ID	Location	Waterbody	Date	Measured Cu Concentration (dissolved) (µg l ⁻¹)	Measured Zn Concentration (dissolved) (µg l ⁻¹)	Measured Mn Concentration (dissolved) (µg l ⁻¹)	Measured Ni Concentration (dissolved) (µg l ⁻¹)	Measured Pb Concentration (dissolved) (µg l ⁻¹)	pH	DOC (mg l ⁻¹)	Ca (mg l ⁻¹)	Site-specific PNEC Dissolved Copper (µg l ⁻¹)	BioF	Bioavailable Copper Concentration (µg l ⁻¹)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Zinc (µg l ⁻¹)	BioF	Bioavailable Zinc Concentration (µg l ⁻¹)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Manganese (µg l ⁻¹)	BioF	Bioavailable Manganese Concentration (µg l ⁻¹)	Risk Characterisation Ratio											
1	S1-Pond	On-site Pond	02/08/2021	0.8	1.4	900	2.1	0.2	7.3	10.8	130	50.38	0.02	0.02	0.02	39.50	0.28	0.39	0.04	851.26	0.14	130.04	1.06											
2	S1	On-site Pond	23/02/2022	4.3	8.7	13	4	0.2	8	10.6	300	29.52	0.03	0.15	0.15	48.77	0.22	1.94	0.18	219.55	0.56	7.28	0.06											
Median																																		
3	S2	On-site Ditch	23/02/2022	4.3	3.3	1.1	3	0.2	8.1	10.3	200	25.09	0.04	0.17	0.17	47.69	0.23	0.75	0.07	180.91	0.68	0.75	0.01											
4	S3	On-site Ditch	23/02/2022	2.2	0.8	0.53	2.6	0.2	8.2	6.56	230	16.75	0.06	0.13	0.13	34.73	0.31	0.25	0.02	149.07	0.83	0.44	0.00											
5	S4	On-site Ditch	23/02/2022	4.4	3.9	1.5	2.7	0.2	8.2	5.01	200	12.06	0.08	0.36	0.36	29.64	0.37	1.43	0.13	149.07	0.83	1.24	0.01											
Median																																		
6	S5	River Nene	24/03/2022	5.3	4.7	1.8	3.5	0.2	8	5.67	99	18.17	0.06	0.29	0.29	31.59	0.34	1.62	0.15	219.55	0.56	1.01	0.01											
Median																																		

INPUT DATA												RESULTS (Ni)				RESULTS (Pb)														
ID	Location	Waterbody	Date	Measured Cu Concentration (dissolved) (µg l ⁻¹)	Measured Zn Concentration (dissolved) (µg l ⁻¹)	Measured Mn Concentration (dissolved) (µg l ⁻¹)	Measured Ni Concentration (dissolved) (µg l ⁻¹)	Measured Pb Concentration (dissolved) (µg l ⁻¹)	pH	DOC (mg l ⁻¹)	Ca (mg l ⁻¹)	Site-specific PNEC Dissolved Nickel (µg l ⁻¹)	BioF	Bioavailable Nickel Concentration (µg l ⁻¹)	Risk Characterisation Ratio	Site Specific PNEC Dissolved Pb (µg l ⁻¹)	BioF	Bioavailable Lead Concentration (µg l ⁻¹)	Risk Characterisation Ratio											
1	S1-Pond	On-site Pond	02/08/2021	0.8	1.4	900	2.1	0.2	7.3	10.8	130	26.68	0.15	0.31	0.08	12.96	0.09	0.02	0.02											
2	S1	On-site Pond	23/02/2022	4.3	8.7	13	4	0.2	8	10.6	300	17.45	0.23	0.92	0.23	12.72	0.09	0.02	0.02											
Median																														
3	S2	On-site Ditch	23/02/2022	4.3	3.3	1.1	3	0.2	8.1	10.3	200	15.55	0.26	0.77	0.19	12.36	0.10	0.02	0.02											
4	S3	On-site Ditch	23/02/2022	2.2	0.8	0.53	2.6	0.2	8.2	6.56	230	10.10	0.40	1.03	0.26	7.87	0.15	0.03	0.03											
5	S4	On-site Ditch	23/02/2022	4.4	3.9	1.5	2.7	0.2	8.2	5.01	200	8.51	0.47	1.27	0.32	6.01	0.20	0.04	0.03											
Median																														
6	S5	River Nene	24/03/2022	5.3	4.7	1.8	3.5	0.2	8	5.67	99	11.50	0.35	1.22	0.30	6.80	0.18	0.04	0.03											
Median																														

Red cells with white text indicate the Risk Characterisation value is equal to or greater than 1.
 Red text indicates pH, DOC and/or Ca are outside of the operating range of the models and the site-specific PNEC has been calculated using the minimum / maximum values as shown in the table below:

	pH	Calcium (mg/l)	DOC (mg/l)
Copper	6 - 8.5	3.1 - 93	Upper value of 15
Zinc	6 - 8	3 - 160	Upper value of 20
Manganese	5.5 - 8.5	1 - 200	Upper value of 20
Nickel	6.5 - 8.7	2 - 88	Upper value of 20
Lead	-	-	Upper value of 20

Appendix C Ground Gas Assessment

CIRIA Ground Gas Risk Assessment (Situation A)



Number of Monitoring Rounds	14
Number of Locations	15

Number of Readings	172
Number of Readings with Flow Rate	172

Max CH ₄	Worst Case Flow
69.3	13.5

Max CO ₂	Worst Case Flow
12.2	13.5

	CH ₄	CO ₂
	Visit GSVs	Visit GSVs
CS1	138	135
CS2	27	37
CS3	7	0
CS4	0	0
CS5	0	0
CS6	0	0

Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		%LEL		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
CBH-101	LF*	15/07/21	R	-0.09	0.2	1016	20.9	20.9	-	-	1.5	1.5	1.4	1.4	0.0418	0.0030
		22/07/21	S	0.07	0.1	1018	15.0	15.0	-	-	1.3	1.3	1.5	1.5	0.0150	0.0013
		02/08/21	R	0.00	0.3	1010	6.5	6.5	-	-	1.4	1.4	10.5	10.5	0.0195	0.0042
		10/08/21	R	-0.05	0.4	1009	6.1	6.1	-	-	1.8	1.8	10.2	10.3	0.0244	0.0072
		15/09/21	R	0.04	0.1	1009	3.2	3.0	64.0	60.0	2.9	2.7	12.8	13.0	0.0030	0.0027
		22/09/21	F	0.04	0.1	1020	2.6	2.5	52.0	50.0	2.9	2.7	13.5	13.6	0.0025	0.0027
		12/01/22	R	-21.72	10.3	1035	0.2	0.2	4.0	4.0	2.1	2.1	12.7	12.9	0.0206	0.2163
		24/01/22	F	8.45	1.4	1028	0.1	0.1	2.0	2.0	2.0	2.0	12.4	12.4	0.0014	0.0280
		08/02/22	F	3.67	2.2	1018	0.1	0.1	2.0	2.0	1.9	1.9	11.8	11.8	0.0022	0.0418
		21/02/22	R	10.69	1.0	1000	0.2	0.1	4.0	2.0	1.9	1.9	11.0	11.0	0.0010	0.0190
		07/03/22	R	-1.55	4.1	1020	0.1	0.1	2.0	2.0	2.0	2.0	9.8	9.8	0.0041	0.0820
		22/03/22	R	3.56	3.1	1023	0.1	0.1	2.0	2.0	2.0	2.0	8.0	8.0	0.0031	0.0620
05/04/22	F	12.21	1.6	1001	0.1	0.1	2.0	2.0	2.1	2.1	8.4	8.4	0.0016	0.0336		
20/04/22	R	-7.41	6.1	1012	0.1	0.1	2.0	2.0	1.9	1.9	7.5	7.5	0.0061	0.1159		
CBH-104	LF	15/07/21	R	-0.23	2.1	1016	18.3	18.2	-	-	3.8	3.8	10.3	10.3	0.3822	0.0798
		22/07/21	S	0.18	1.9	1017	8.1	8.0	-	-	2.9	2.9	14.5	14.5	0.1520	0.0551
		02/08/21	R	0.09	2.7	1009	3.5	3.5	70.0	70.0	3.2	3.2	15.7	15.8	0.0945	0.0864
		10/08/21	R	0.07	1.7	1009	4.4	3.6	88.0	72.0	3.6	3.5	15.5	15.6	0.0612	0.0595
		15/09/21	R	0.07	0.1	1008	11.5	9.9	-	-	14.7	12.0	0.9	1.0	0.0099	0.0120
		22/09/21	F	0.07	0.2	1020	10.1	9.4	-	-	13.5	12.2	1.3	1.3	0.0188	0.0244
		12/01/22	R	6.33	5.9	1034	6.0	6.0	-	-	6.8	6.8	10.7	10.7	0.3540	0.4012
		24/01/22	F	-5.10	7.5	1028	2.7	2.7	54.0	54.0	6.9	6.9	15.0	15.0	0.2025	0.5175
		08/02/22	F	-0.60	10.5	1018	4.8	4.8	96.0	96.0	6.4	6.4	15.8	15.9	0.5040	0.6720
		21/02/22	R	0.35	7.1	1000	1.3	1.2	26.0	24.0	3.8	3.6	19.3	19.3	0.0852	0.2556
		07/03/22	R	0.69	5.4	1020	2.1	2.1	42.0	42.0	5.6	5.6	18.4	18.4	0.1134	0.3024
		22/03/22	R	1.94	7.7	1022	1.6	1.6	32.0	32.0	3.8	3.8	18.6	18.6	0.1232	0.2926
05/04/22	F	5.84	4.3	1001	3.8	3.8	76.0	76.0	4.3	4.3	18.1	18.1	0.1634	0.1849		
20/04/22	R	-16.06	7.9	1012	13.7	13.7	-	-	5.3	5.3	14.5	14.5	1.0823	0.4187		
CBH-105	LF	15/07/21	R	-0.04	0.2	1015	0.1	0.1	2.0	2.0	6.3	6.3	12.5	12.5	0.0002	0.0126
		22/07/21	S	-0.18	0.2	1017	0.1	0.1	2.0	2.0	7.0	7.0	13.1	13.1	0.0002	0.0140
		02/08/21	R	-0.04	0.3	1009	0.1	0.1	2.0	2.0	6.1	6.1	12.5	12.5	0.0003	0.0183
		10/08/21	R	0.11	0.2	1009	0.1	0.1	2.0	2.0	6.7	6.7	13.5	13.5	0.0002	0.0134
		15/09/21	R	0.02	0.1	1008	0.1	0.1	2.0	2.0	3.6	3.6	18.0	18.0	0.0001	0.0036
		22/09/21	F	0.05	0.1	1020	0.1	0.1	2.0	2.0	3.8	3.8	17.7	17.7	0.0001	0.0038
		12/01/22	R	-0.02	0.2	1034	0.2	0.2	4.0	4.0	3.5	3.5	15.5	15.5	0.0004	0.0070
		24/01/22	F	0.09	0.2	1027	0.1	0.1	2.0	2.0	2.7	2.7	16.3	16.3	0.0002	0.0054
		08/02/22	F	0.07	0.1	1018	0.1	0.1	2.0	2.0	5.3	5.3	3.7	3.7	0.0001	0.0053
		21/02/22	R	-0.58	7.9	998	0.1	0.1	2.0	2.0	4.4	4.4	11.6	11.6	0.0079	0.3476
		07/03/22	R	0.19	6.7	1020	0.1	0.1	2.0	2.0	2.6	2.6	16.3	16.3	0.0067	0.1742
		22/03/22	R	-0.99	0.4	1022	0.1	0.1	2.0	2.0	3.0	3.0	15.8	15.8	0.0004	0.0120
05/04/22	F	-0.02	0.1	1001	0.1	0.1	2.0	2.0	5.1	5.1	12.0	12.0	0.0001	0.0051		
20/04/22	R	-0.12	0.2	1012	0.1	0.1	2.0	2.0	4.4	4.4	13.8	13.9	0.0002	0.0088		

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV –	Visit GSV –	
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	CH ₄	CO ₂	
CBH-106	LF	15/07/21	R	0.04	1.3	1018	14.7	14.7	-	-	1.7	1.7	10.0	10.0	0.1911	0.0221	
		22/07/21	S	0.00	0.2	1016	31.4	31.4	-	-	3.2	3.2	6.0	6.0	0.0628	0.0064	
		02/08/21	R	0.81	2.3	1009	66.6	66.6	-	-	1.6	1.6	0.4	0.4	1.5318	0.0368	
		10/08/21	R	0.12	2.4	1009	66.4	66.4	-	-	1.9	1.9	0.3	0.3	1.5936	0.0456	
		15/09/21	R	0.25	1.5	1008	66.4	66.3	-	-	2.4	2.4	0.3	0.3	0.9945	0.0360	
		22/09/21	F	0.18	2.2	1020	66.0	65.9	-	-	2.3	2.3	0.3	0.3	1.4498	0.0506	
		12/01/22	R	0.05	3.4	1034	7.0	7.0	-	-	1.8	1.8	17.9	17.9	0.2380	0.0612	
		24/01/22	F	0.05	6.4	1027	6.2	6.2	-	-	2.1	2.1	18.0	18.0	0.3968	0.1344	
		08/02/22	F	0.30	5.0	1018	46.4	46.4	-	-	2.3	2.3	5.8	5.8	2.3200	0.1150	
		22/02/22	R	-0.71	5.1	1008	45.3	45.1	-	-	2.5	2.5	5.6	5.6	2.3001	0.1275	
		07/03/22	R	0.94	5.3	1018	10.8	10.8	-	-	2.0	2.0	17.4	17.4	0.5724	0.1060	
		22/03/22	R	-0.04	3.8	1022	6.0	6.0	-	-	1.8	1.8	17.4	17.4	0.2280	0.0684	
		05/04/22	F	0.25	2.8	1001	3.0	3.0	60.0	60.0	2.0	2.0	18.1	18.2	0.0840	0.0560	
		20/04/22	R	0.23	3.1	1012	1.2	1.1	24.0	22.0	1.4	1.4	19.2	19.2	0.0341	0.0434	
CBH-107	LF	15/07/21	R	0.14	0.2	1017	0.1	0.1	2.0	2.0	1.7	1.7	16.3	16.3	0.0002	0.0034	
		22/07/21	S	-0.04	0.2	1017	0.1	0.1	2.0	2.0	2.8	2.8	16.6	16.6	0.0002	0.0056	
		02/08/21	R	-0.14	0.1	1010	0.1	0.1	2.0	2.0	3.3	3.3	17.5	17.5	0.0001	0.0033	
		10/08/21	R	0.09	0.2	1009	0.1	0.1	2.0	2.0	3.5	3.5	17.7	17.7	0.0002	0.0070	
		15/09/21	R	0.05	0.1	1009	0.1	0.1	2.0	2.0	2.9	2.8	19.0	19.1	0.0001	0.0028	
		22/09/21	F	-0.04	0.2	1021	0.1	0.1	2.0	2.0	2.9	2.9	18.7	18.7	0.0002	0.0058	
		12/01/22	R	0.60	1.7	1035	2.3	2.1	46.0	42.0	4.2	3.9	0.3	0.3	0.0357	0.0663	
		24/01/22	F	0.30	1.5	1027	1.6	1.5	32.0	30.0	4.4	4.4	0.3	0.3	0.0225	0.0660	
		08/02/22	F	0.23	0.9	1019	11.0	11.0	-	-	4.5	4.5	0.8	0.8	0.0990	0.0405	
		21/02/22	R	15.81	4.9	1002	0.1	0.1	2.0	2.0	3.6	3.6	0.9	0.9	0.0049	0.1764	
		07/03/22	R	49.05	13.5	1019	0.1	0.1	2.0	2.0	4.3	4.3	2.6	2.6	0.0135	0.5805	
		22/03/22	R	21.62	3.5	1022	0.1	0.1	2.0	2.0	4.9	4.9	0.6	0.6	0.0035	0.1715	
		05/04/22	F	7.20	2.4	1002	0.1	0.1	2.0	2.0	4.7	4.7	3.6	3.6	0.0024	0.1128	
		20/04/22	R	0.04	0.2	1012	0.1	0.1	2.0	2.0	5.4	5.4	4.0	4.0	0.0002	0.0108	
CBH-108	LF	15/07/21	R	-0.34	0.1	1018	0.1	0.1	2.0	2.0	0.1	0.1	21.2	21.2	0.0001	0.0001	
		23/07/21	F	0.35	0.1	1011	0.1	0.1	2.0	2.0	1.0	1.0	19.5	19.8	0.0001	0.0010	
		02/08/21	R	-0.11	0.1	1010	0.1	0.1	2.0	2.0	0.1	0.1	21.1	21.1	0.0001	0.0001	
		10/08/21	R	-0.19	0.1	1009	0.1	0.1	2.0	2.0	0.1	0.1	20.6	20.8	0.0001	0.0001	
		15/09/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		22/09/21	F	0.16	0.1	1021	0.1	0.1	2.0	2.0	0.1	0.1	19.1	21.0	0.0001	0.0001	
		12/01/22	R	-2.70	1.0	1034	0.4	0.1	8.0	2.0	0.3	0.2	20.8	22.3	0.0010	0.0020	
		24/01/22	F	0.76	0.3	1027	0.1	0.1	2.0	2.0	2.1	2.1	17.4	17.4	0.0003	0.0063	
		08/02/22	F	-0.79	0.1	1019	0.1	0.1	2.0	2.0	0.1	0.1	21.1	21.4	0.0001	0.0001	
		21/02/22	R	-8.75	3.8	1006	0.1	0.1	2.0	2.0	0.1	0.1	21.1	21.1	0.0038	0.0038	
		07/03/22	R	3.65	1.9	1018	0.1	0.1	2.0	2.0	0.7	0.7	19.6	19.8	0.0019	0.0133	
		22/03/22	R	1.22	0.2	1022	0.1	0.1	2.0	2.0	1.0	1.0	18.3	18.4	0.0002	0.0020	
		05/04/22	F	1.99	1.3	1002	0.1	0.1	2.0	2.0	1.8	1.8	16.7	16.7	0.0013	0.0234	
		20/04/22	R	0.56	0.4	1012	0.1	0.1	2.0	2.0	0.3	0.3	20.4	20.4	0.0004	0.0012	
CBH-109	LF	15/07/21	R	0.00	0.2	1017	0.1	0.1	2.0	2.0	1.5	1.5	17.6	17.6	0.0002	0.0030	
		22/07/21	S	-0.07	0.1	1017	0.1	0.1	2.0	2.0	1.9	1.9	17.4	17.5	0.0001	0.0019	
		02/08/21	R	0.02	0.1	1010	0.1	0.1	2.0	2.0	1.6	1.6	18.9	18.9	0.0001	0.0016	
		10/08/21	R	0.11	0.2	1010	0.1	0.1	2.0	2.0	1.5	1.5	19.2	19.3	0.0002	0.0030	
		15/09/21	R	-0.14	0.1	1010	0.1	0.1	2.0	2.0	1.9	1.9	19.6	19.8	0.0001	0.0019	
		22/09/21	F	-0.02	0.3	1021	0.1	0.1	2.0	2.0	1.8	1.8	19.7	19.7	0.0003	0.0054	
		12/01/22	R	-0.12	0.2	1035	0.2	0.1	4.0	2.0	1.4	1.4	19.6	19.6	0.0002	0.0028	
		24/01/22	F	-0.11	0.2	1027	0.1	0.1	2.0	2.0	1.4	1.4	19.0	19.5	0.0002	0.0028	
		08/02/22	F	0.09	0.2	1019	0.2	0.1	4.0	2.0	1.3	1.3	16.8	19.0	0.0002	0.0026	
		21/02/22	R	0.00	0.2	1003	0.2	0.1	4.0	2.0	1.7	1.7	16.4	18.5	0.0002	0.0034	
		07/03/22	R	0.97	0.1	1020	0.1	0.1	2.0	2.0	2.1	2.1	15.4	18.0	0.0001	0.0021	
		22/03/22	R	0.05	0.1	1023	0.1	0.1	2.0	2.0	1.9	1.9	12.5	17.6	0.0001	0.0019	
		05/04/22	F	0.21	0.1	1002	0.1	0.1	2.0	2.0	1.8	1.8	17.6	17.7	0.0001	0.0018	

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV –	Visit GSV –
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	CH ₄	CO ₂
CBH-110	LF	20/04/22	R	0.02	0.3	1012	0.1	0.1	2.0	2.0	1.9	1.9	17.0	17.0	0.0003	0.0057
		23/07/21	F	-0.04	0.1	1011	0.7	0.7	14.0	14.0	0.9	0.8	10.3	10.5	0.0007	0.0008
		02/08/21	R	0.05	3.0	1008	0.1	0.1	2.0	2.0	0.4	0.4	15.9	15.9	0.0030	0.0120
		10/08/21	R	0.41	3.5	1008	0.1	0.1	2.0	2.0	0.2	0.2	18.7	18.7	0.0035	0.0070
		15/09/21	R	-0.12	0.2	1008	0.1	0.1	2.0	2.0	1.6	1.6	11.1	11.1	0.0002	0.0032
		22/09/21	F	-0.16	0.2	1021	0.1	0.1	2.0	2.0	1.5	1.5	16.4	16.5	0.0002	0.0030
		12/01/22	R	-11.50	4.6	1034	0.1	0.1	2.0	2.0	0.1	0.1	22.0	22.3	0.0046	0.0046
		24/01/22	F	0.65	0.6	1027	0.1	0.1	2.0	2.0	0.4	0.4	20.4	20.4	0.0006	0.0024
		08/02/22	F	-2.15	2.3	1019	0.1	0.1	2.0	2.0	0.1	0.1	21.3	21.4	0.0023	0.0023
		21/02/22	R	-3.63	2.8	1005	0.1	0.1	2.0	2.0	0.1	0.1	20.8	21.0	0.0028	0.0028
		07/03/22	R	2.14	0.3	1019	0.1	0.1	2.0	2.0	0.5	0.5	18.0	18.1	0.0003	0.0015
		22/03/22	R	-0.05	0.1	1022	0.1	0.1	2.0	2.0	3.5	3.5	16.7	16.7	0.0001	0.0035
		05/04/22	F	2.29	0.9	1002	0.7	0.7	14.0	14.0	1.5	1.5	1.9	1.9	0.0063	0.0135
		20/04/22	R	0.65	1.3	1012	0.1	0.1	2.0	2.0	0.6	0.6	10.6	10.6	0.0013	0.0078
CBH-111	LF	15/07/21	R	0.14	0.2	1018	30.5	30.5	-	-	0.2	0.2	10.6	10.6	0.0610	0.0004
		23/07/21	F	0.04	0.1	1012	33.2	33.2	-	-	0.6	0.6	8.8	8.8	0.0332	0.0006
		02/08/21	R	-0.02	0.2	1009	46.2	46.1	-	-	0.8	0.8	3.6	3.6	0.0922	0.0016
		10/08/21	R	0.05	0.2	1008	46.0	46.0	-	-	1.5	1.5	1.1	1.1	0.0920	0.0030
		15/09/21	R	0.07	0.2	1008	69.3	69.3	-	-	0.9	0.9	0.6	0.6	0.1386	0.0018
		22/09/21	F	0.02	0.2	1021	29.4	29.4	-	-	3.0	3.0	0.6	0.6	0.0588	0.0060
		12/01/22	R	-4.87	2.4	1035	0.1	0.1	2.0	2.0	0.1	0.1	19.9	21.9	0.0024	0.0024
		24/01/22	F	1.08	0.4	1027	26.7	26.7	-	-	4.3	4.3	0.9	0.9	0.1068	0.0172
		08/02/22	F	0.02	0.2	1019	0.1	0.1	2.0	2.0	0.1	0.1	21.1	21.3	0.0002	0.0002
		21/02/22	R	-3.97	2.0	1004	8.5	8.3	-	-	1.1	1.1	15.7	15.7	0.1660	0.0220
		07/03/22	R	3.30	1.1	1019	27.7	27.7	-	-	4.1	4.1	0.8	0.8	0.3047	0.0451
		22/03/22	R	1.80	0.3	1023	32.1	32.1	-	-	2.4	2.4	0.4	0.4	0.0963	0.0072
		05/04/22	F	2.19	0.3	1002	48.8	48.7	-	-	1.7	1.7	0.7	0.7	0.1461	0.0051
		20/04/22	R	0.21	0.2	1012	67.3	67.3	-	-	1.5	1.5	0.8	0.8	0.1346	0.0030
CP-203	LF	12/01/22	R	-0.26	2.5	1034	0.2	0.2	4.0	4.0	3.6	3.6	0.7	0.7	0.0050	0.0900
		24/01/22	F	0.25	3.8	1027	0.1	0.1	2.0	2.0	3.8	3.8	0.4	0.4	0.0038	0.1444
		08/02/22	F	-0.16	3.0	1018	0.1	0.1	2.0	2.0	3.8	3.8	0.5	0.5	0.0030	0.1140
		21/02/22	R	-0.71	3.9	998	0.1	0.1	2.0	2.0	3.8	3.8	1.1	1.1	0.0039	0.1482
		07/03/22	R	0.42	3.6	1020	0.1	0.1	2.0	2.0	3.9	3.9	1.1	1.1	0.0036	0.1404
		22/03/22	R	0.09	1.9	1022	0.1	0.1	2.0	2.0	4.5	4.5	0.5	0.5	0.0019	0.0855
		05/04/22	F	0.16	3.9	1001	0.1	0.1	2.0	2.0	4.6	4.6	1.2	1.2	0.0039	0.1794
		20/04/22	R	0.05	3.9	1012	0.1	0.1	2.0	2.0	4.1	4.1	0.5	0.5	0.0039	0.1599
CP-205	LF	12/01/22	R	0.55	11.3	1034	4.0	4.0	80.0	80.0	5.4	5.4	10.7	10.7	0.4520	0.6102
		24/01/22	F	0.21	7.2	1028	0.3	0.2	6.0	4.0	2.7	2.1	20.0	20.6	0.0144	0.1512
		08/02/22	F	0.16	0.2	1018	0.1	0.1	2.0	2.0	1.7	1.3	20.4	20.5	0.0002	0.0026
		21/02/22	R	0.00	5.2	999	0.1	0.1	2.0	2.0	2.1	1.5	20.4	20.5	0.0052	0.0780
		07/03/22	R	0.04	0.1	1020	0.1	0.1	2.0	2.0	2.6	1.1	20.1	21.0	0.0001	0.0011
		22/03/22	R	0.12	1.6	1022	0.1	0.1	2.0	2.0	2.6	1.5	15.6	20.0	0.0016	0.0240
		05/04/22	F	0.26	6.2	1001	0.1	0.1	2.0	2.0	2.6	2.4	19.9	20.0	0.0062	0.1488
		20/04/22	R	0.11	2.5	1012	0.1	0.1	2.0	2.0	0.5	0.4	17.1	21.0	0.0025	0.0100
CP-206	LF	12/01/22	R	0.00	0.2	1034	0.1	0.1	2.0	2.0	1.3	1.3	20.7	20.7	0.0002	0.0026
		24/01/22	F	0.04	0.2	1027	0.1	0.1	2.0	2.0	7.1	6.9	3.6	3.6	0.0002	0.0138
		08/02/22	F	0.26	0.2	1019	0.1	0.1	2.0	2.0	3.9	3.6	11.1	11.1	0.0002	0.0072
		21/02/22	R	0.16	0.2	1002	0.1	0.1	2.0	2.0	7.0	7.0	2.6	2.6	0.0002	0.0140
		07/03/22	R	0.02	3.9	1019	0.3	0.3	6.0	6.0	3.9	3.9	8.4	8.4	0.0117	0.1521
		22/03/22	R	0.02	0.2	1022	0.1	0.1	2.0	2.0	2.4	2.4	14.7	14.7	0.0002	0.0048
		05/04/22	F	1.11	3.7	1002	0.1	0.1	2.0	2.0	3.4	3.4	12.5	12.5	0.0037	0.1258
		20/04/22	R	-0.04	0.3	1012	0.1	0.1	2.0	2.0	4.7	4.7	14.8	14.8	0.0003	0.0141

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
CP-207	LF	12/01/22	R	0.05	0.2	1034	0.1	0.1	2.0	2.0	2.0	2.0	19.8	19.8	0.0002	0.0040
		24/01/22	F	0.11	0.1	1027	0.1	0.1	2.0	2.0	2.0	2.0	16.4	19.5	0.0001	0.0020
		08/02/22	F	0.18	0.2	1019	0.1	0.1	2.0	2.0	1.9	1.9	19.2	19.2	0.0002	0.0038
		21/02/22	R	0.04	0.1	1006	0.1	0.1	2.0	2.0	2.1	2.1	19.1	19.1	0.0001	0.0021
		07/03/22	R	0.12	0.1	1018	0.1	0.1	2.0	2.0	2.2	2.2	18.8	19.6	0.0001	0.0022
		22/03/22	R	0.02	0.1	1022	0.1	0.1	2.0	2.0	2.1	2.1	18.2	18.2	0.0001	0.0021
		05/04/22	F	-0.16	0.2	1002	0.1	0.1	2.0	2.0	2.2	2.2	18.2	18.9	0.0002	0.0044
		20/04/22	R	-0.09	0.2	1012	0.1	0.1	2.0	2.0	2.2	2.2	18.2	18.2	0.0002	0.0044
CP-208	LF	12/01/22	R	-0.04	0.2	1035	1.9	0.9	38.0	18.0	2.3	2.3	18.0	18.2	0.0018	0.0046
		24/01/22	F	0.07	0.1	1027	3.5	0.2	70.0	4.0	2.3	2.3	17.4	19.3	0.0002	0.0023
		08/02/22	F	0.19	0.2	1019	2.0	0.2	40.0	4.0	1.6	1.0	16.5	20.4	0.0004	0.0020
		21/02/22	R	0.25	5.0	1003	0.1	0.1	2.0	2.0	0.6	0.6	19.9	20.5	0.0050	0.0300
		07/03/22	R	0.21	4.9	1018	0.1	0.1	2.0	2.0	1.3	0.9	17.1	21.0	0.0049	0.0441
		22/03/22	R	0.04	3.1	1022	0.1	0.1	2.0	2.0	0.7	0.5	19.0	20.3	0.0031	0.0155
		05/04/22	F	1.09	4.5	1002	0.1	0.1	2.0	2.0	0.8	0.7	20.3	21.0	0.0045	0.0315
		20/04/22	R	-0.05	1.9	1012	0.1	0.1	2.0	2.0	0.4	0.3	20.3	20.9	0.0019	0.0057
CP-110	LF	12/01/22	R	-0.04	0.2	1034	22.3	22.3	-	-	2.9	2.9	12.4	12.4	0.0446	0.0058
		24/01/22	F	-0.02	0.2	1027	34.5	34.5	-	-	2.8	2.8	8.5	8.5	0.0690	0.0056
		08/02/22	F	-0.04	0.2	1019	24.3	24.3	-	-	3.9	3.9	7.0	7.0	0.0486	0.0078
		21/02/22	R	0.00	0.1	1005	15.8	15.8	-	-	4.9	4.9	6.6	6.6	0.0158	0.0049
		07/03/22	R	-0.07	0.1	1018	0.3	0.3	6.0	6.0	5.5	4.9	7.6	7.6	0.0003	0.0049
		22/03/22	R	-0.02	0.1	1022	0.1	0.1	2.0	2.0	1.2	1.2	19.2	19.2	0.0001	0.0012
		05/04/22	F	-0.19	0.1	1002	0.1	0.1	2.0	2.0	3.2	3.2	13.7	18.3	0.0001	0.0032
		20/04/22	R	-0.09	0.3	1012	0.1	0.1	2.0	2.0	3.1	3.1	18.4	18.5	0.0003	0.0093

**CIRIA Ground Gas Risk Assessment
 (Situation A)**



Number of Monitoring Rounds	16
Number of Locations	44

Number of Readings	477
Number of Readings with Flow Rate	477

Max CH ₄	Worst Case Flow
0.5	26.0

Max CO ₂	Worst Case Flow
7.9	26.0

	CH ₄	CO ₂
	Visit GSVs	Visit GSVs
CS1	477	370
CS2	0	102
CS3	0	5
CS4	0	0
CS5	0	0
CS6	0	0

Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		%LEL		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV - CH ₄	Visit GSV - CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
CBH-102	KWC	15/07/21	R	0.05	5.3	1018	0.1	0.1	2.0	2.0	0.7	0.7	18.6	18.6	0.0053	0.0371
		22/07/21	S	0.14	5.4	1017	0.1	0.1	2.0	2.0	0.3	0.3	18.7	18.8	0.0054	0.0162
		02/08/21	R	0.04	4.7	1010	0.3	0.1	6.0	2.0	1.6	1.6	18.0	18.0	0.0047	0.0752
		10/08/21	R	0.26	4.9	1010	0.7	0.1	14.0	2.0	0.8	0.8	17.4	18.9	0.0049	0.0392
		15/09/21	R	-0.02	0.1	1010	0.4	0.1	8.0	2.0	2.7	2.7	18.1	18.8	0.0001	0.0027
		22/09/21	F	0.00	0.2	1021	0.4	0.1	8.0	2.0	2.7	2.7	18.1	19.0	0.0002	0.0054
		12/01/22	R	0.86	6.2	1035	0.2	0.1	4.0	2.0	3.5	3.5	16.1	16.1	0.0062	0.2170
		24/01/22	F	0.09	3.9	1028	0.1	0.1	2.0	2.0	3.3	3.3	16.9	16.9	0.0039	0.1287
		08/02/22	F	0.11	4.9	1019	0.1	0.1	2.0	2.0	3.1	3.1	16.8	16.8	0.0049	0.1519
		21/02/22	R	-0.02	3.8	1003	0.1	0.1	2.0	2.0	2.8	2.8	17.6	17.6	0.0038	0.1064
		07/03/22	R	0.14	5.8	1020	0.1	0.1	2.0	2.0	2.9	2.9	18.3	18.3	0.0058	0.1682
		22/03/22	R	0.11	4.9	1023	0.1	0.1	2.0	2.0	2.3	2.3	17.7	17.7	0.0049	0.1127
		05/04/22	F	0.34	5.0	1003	0.1	0.1	2.0	2.0	2.0	2.0	18.5	18.6	0.0050	0.1000
20/04/22	R	0.21	4.9	1012	0.1	0.1	2.0	2.0	1.4	1.4	14.9	19.5	0.0049	0.0686		
CBH-103	GF	15/07/21	R	-0.19	0.1	1018	0.7	0.1	14.0	2.0	0.1	0.1	18.8	21.2	0.0001	0.0001
		23/07/21	F	0.41	0.4	1012	0.1	0.1	2.0	2.0	1.3	1.3	18.8	19.0	0.0004	0.0052
		02/08/21	R	0.00	0.1	1008	0.1	0.1	2.0	2.0	0.1	0.1	20.1	20.6	0.0001	0.0001
		10/08/21	R	-0.28	0.1	1008	1.8	0.1	36.0	2.0	0.5	0.5	14.9	20.1	0.0001	0.0005
		15/09/21	R	-0.23	0.1	1008	1.2	0.1	24.0	2.0	1.1	1.1	15.4	20.1	0.0001	0.0011
		22/09/21	F	0.32	0.3	1021	0.1	0.1	2.0	2.0	0.2	0.2	12.7	20.6	0.0003	0.0006
		12/01/22	R	-0.11	0.2	1035	0.1	0.1	2.0	2.0	0.1	0.1	22.1	22.1	0.0002	0.0002
		24/01/22	F	0.19	0.2	1027	0.1	0.1	2.0	2.0	0.5	0.5	21.3	21.3	0.0002	0.0010
		08/02/22	F	-0.05	0.1	1019	0.1	0.1	2.0	2.0	0.2	0.2	21.3	21.3	0.0001	0.0002
		21/02/22	R	-1.78	0.5	1005	0.1	0.1	2.0	2.0	0.2	0.2	21.0	21.0	0.0005	0.0010
		07/03/22	R	0.92	0.5	1019	0.1	0.1	2.0	2.0	0.3	0.3	21.2	21.4	0.0005	0.0015
		22/03/22	R	0.34	0.1	1022	0.1	0.1	2.0	2.0	0.4	0.4	20.1	20.2	0.0001	0.0004
		05/04/22	F	0.16	0.3	1002	0.1	0.1	2.0	2.0	0.6	0.6	20.4	20.4	0.0003	0.0018
20/04/22	R	0.25	0.2	1012	0.1	0.1	2.0	2.0	0.4	0.4	20.5	20.5	0.0002	0.0008		
RBH-101	CB	15/07/21	R	0.12	4.7	1015	0.1	0.1	2.0	2.0	0.1	0.1	20.9	20.9	0.0047	0.0047
		22/07/21	S	1.31	4.1	1016	0.1	0.1	2.0	2.0	0.2	0.2	20.6	20.7	0.0041	0.0082
		02/08/21	R	1.02	2.4	1009	0.1	0.1	2.0	2.0	0.2	0.2	20.0	20.1	0.0024	0.0048
		10/08/21	R	0.07	0.1	1009	0.3	0.1	6.0	2.0	0.1	0.1	20.6	20.7	0.0001	0.0001
		15/09/21	R	0.07	1.6	1008	0.1	0.1	2.0	2.0	1.1	1.1	19.4	19.4	0.0016	0.0176
		22/09/21	F	-0.04	1.6	1020	0.1	0.1	2.0	2.0	1.2	1.2	19.3	19.3	0.0016	0.0192
		12/01/22	R	-20.93	10.0	1034	0.2	0.2	4.0	4.0	1.8	1.8	18.6	18.6	0.0200	0.1800
		24/01/22	F	-0.12	4.0	1027	0.1	0.1	2.0	2.0	1.5	1.5	18.3	18.3	0.0040	0.0600
		08/02/22	F	-7.06	5.3	1018	0.1	0.1	2.0	2.0	1.8	1.8	18.5	18.5	0.0053	0.0954
		21/02/22	R	1.18	2.2	998	0.1	0.1	2.0	2.0	2.5	2.5	17.6	17.6	0.0022	0.0550
		07/03/22	R	-1.11	4.2	1019	0.1	0.1	2.0	2.0	3.0	3.0	17.2	17.2	0.0042	0.1260
		22/03/22	R	-0.02	2.8	1022	0.1	0.1	2.0	2.0	2.3	2.3	18.3	18.3	0.0028	0.0644
		05/04/22	F	-0.90	4.2	1001	0.1	0.1	2.0	2.0	2.4	2.4	18.0	18.1	0.0042	0.1008
20/04/22	R	1.09	2.0	1012	0.1	0.1	2.0	2.0	2.1	2.1	18.2	18.3	0.0020	0.0420		

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
RBH-102	CB	15/07/21	R	0.21	1.2	1016	0.4	0.1	8.0	2.0	0.1	0.1	17.5	21.1	0.0012	0.0012
		22/07/21	S	0.21	2.4	1018	0.1	0.1	2.0	2.0	0.1	0.1	20.4	20.4	0.0024	0.0024
		02/08/21	R	0.16	0.4	1010	0.1	0.1	2.0	2.0	0.4	0.4	20.2	20.2	0.0004	0.0016
		10/08/21	R	0.09	0.8	1009	0.2	0.1	4.0	2.0	0.5	0.5	20.1	20.1	0.0008	0.0040
		15/09/21	R	0.07	0.2	1009	0.5	0.1	10.0	2.0	1.2	0.3	13.1	20.5	0.0002	0.0006
		22/09/21	F	0.23	0.9	1020	0.3	0.1	6.0	2.0	0.9	0.4	14.1	20.3	0.0009	0.0036
		12/01/22	R	0.14	1.5	1035	0.2	0.1	4.0	2.0	2.1	1.8	15.5	16.4	0.0015	0.0270
		24/01/22	F	0.35	7.7	1028	0.1	0.1	2.0	2.0	2.1	2.1	17.1	17.1	0.0077	0.1617
		08/02/22	F	0.14	3.3	1018	0.1	0.1	2.0	2.0	2.6	2.5	17.8	17.8	0.0033	0.0825
		21/02/22	R	0.07	2.1	1000	0.1	0.1	2.0	2.0	2.9	2.5	17.7	19.1	0.0021	0.0525
		07/03/22	R	0.09	1.6	1020	0.1	0.1	2.0	2.0	3.9	3.5	19.6	19.6	0.0016	0.0560
		22/03/22	R	0.41	4.3	1023	0.1	0.1	2.0	2.0	3.9	3.5	18.2	18.5	0.0043	0.1505
		05/04/22	F	0.41	1.5	1001	0.1	0.1	2.0	2.0	4.1	3.8	17.0	18.3	0.0015	0.0570
		20/04/22	R	0.09	3.8	1012	0.1	0.1	2.0	2.0	3.2	3.1	19.3	19.3	0.0038	0.1178
RBH-103	CB	15/07/21	R	0.02	0.3	1018	0.1	0.1	2.0	2.0	0.6	0.6	18.5	18.5	0.0003	0.0018
		22/07/21	S	0.02	1.3	1018	0.1	0.1	2.0	2.0	1.1	1.1	17.2	17.3	0.0013	0.0143
		02/08/21	R	-0.12	4.1	1011	0.1	0.1	2.0	2.0	1.3	1.3	19.9	20.0	0.0041	0.0533
		10/08/21	R	-0.11	2.9	1010	0.1	0.1	2.0	2.0	1.9	1.9	19.1	19.2	0.0029	0.0551
		15/09/21	R	0.11	1.2	1010	0.1	0.1	2.0	2.0	3.1	3.1	18.7	18.7	0.0012	0.0372
		22/09/21	F	0.11	3.6	1021	0.1	0.1	2.0	2.0	3.0	3.0	18.8	18.8	0.0036	0.1080
		12/01/22	R	-0.02	0.2	1036	0.1	0.1	2.0	2.0	2.7	2.7	18.5	18.6	0.0002	0.0054
		24/01/22	F	0.09	0.1	1028	0.1	0.1	2.0	2.0	2.8	2.8	18.3	18.3	0.0001	0.0028
		08/02/22	F	0.19	0.1	1019	0.1	0.1	2.0	2.0	2.8	2.8	17.7	17.9	0.0001	0.0028
		21/02/22	R	0.19	0.1	1003	0.1	0.1	2.0	2.0	3.0	3.0	17.6	17.6	0.0001	0.0030
		07/03/22	R	0.18	2.9	1020	0.1	0.1	2.0	2.0	3.2	3.2	18.1	18.1	0.0029	0.0928
		22/03/22	R	0.00	3.1	1023	0.1	0.1	2.0	2.0	3.3	3.3	16.4	16.5	0.0031	0.1023
		05/04/22	F	0.04	3.4	1003	0.1	0.1	2.0	2.0	3.3	3.3	16.7	16.7	0.0034	0.1122
		20/04/22	R	0.07	3.3	1012	0.1	0.1	2.0	2.0	3.1	3.1	17.4	17.4	0.0033	0.1023
RBH-104	CB	15/07/21	R	0.04	0.1	1018	0.1	0.1	2.0	2.0	0.7	0.6	19.7	19.8	0.0001	0.0006
		23/07/21	F	0.05	0.1	1011	0.5	0.5	10.0	10.0	1.0	0.7	18.4	19.4	0.0005	0.0007
		02/08/21	R	1.77	8.7	1011	0.1	0.1	2.0	2.0	1.3	1.3	15.6	15.6	0.0087	0.1131
		10/08/21	R	0.19	7.4	1010	0.1	0.1	2.0	2.0	1.7	1.7	14.9	15.0	0.0074	0.1258
		15/09/21	R	0.09	0.1	1010	0.1	0.1	2.0	2.0	2.1	1.5	15.9	17.2	0.0001	0.0015
		22/09/21	F	0.05	1.8	1021	0.1	0.1	2.0	2.0	2.3	2.3	14.9	14.9	0.0018	0.0414
		12/01/22	R	3.23	8.8	1035	0.1	0.1	2.0	2.0	4.8	4.4	3.8	3.9	0.0088	0.3872
		24/01/22	F	0.26	0.2	1028	0.1	0.1	2.0	2.0	2.9	2.6	13.4	13.5	0.0002	0.0052
		08/02/22	F	-0.18	0.2	1020	0.1	0.1	2.0	2.0	2.1	1.7	16.5	17.2	0.0002	0.0034
		21/02/22	R	0.05	0.2	1004	0.1	0.1	2.0	2.0	2.7	2.1	15.4	16.4	0.0002	0.0042
		07/03/22	R	-4.78	8.3	1020	0.1	0.1	2.0	2.0	2.7	2.7	16.5	16.5	0.0083	0.2241
		22/03/22	R	0.12	0.1	1023	0.1	0.1	2.0	2.0	1.8	1.5	18.0	18.7	0.0001	0.0015
		05/04/22	F	2.52	9.8	1002	0.1	0.1	2.0	2.0	2.2	2.2	18.1	18.1	0.0098	0.2156
		20/04/22	R	1.96	8.0	1012	0.1	0.1	2.0	2.0	2.1	2.1	18.3	18.3	0.0080	0.1680

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
RBH-105	CB	15/07/21	R	0.02	0.2	1018	0.1	0.1	2.0	2.0	0.8	0.8	18.4	18.4	0.0002	0.0016
		23/07/21	F	0.11	0.1	1012	0.1	0.1	2.0	2.0	1.5	1.4	18.3	18.5	0.0001	0.0014
		02/08/21	R	0.02	0.2	1008	0.1	0.1	2.0	2.0	1.6	1.6	17.3	17.5	0.0002	0.0032
		10/08/21	R	0.02	0.2	1008	0.1	0.1	2.0	2.0	2.3	2.3	17.7	17.7	0.0002	0.0046
		15/09/21	R	0.00	0.1	1008	0.1	0.1	2.0	2.0	0.3	0.3	20.9	20.9	0.0001	0.0003
		22/09/21	F	-0.11	0.2	1021	0.1	0.1	2.0	2.0	0.5	0.5	20.5	20.5	0.0002	0.0010
		12/01/22	R	0.11	0.1	1035	0.1	0.1	2.0	2.0	0.7	0.7	15.6	15.7	0.0001	0.0007
		24/01/22	F	-0.18	0.1	1028	0.1	0.1	2.0	2.0	0.8	0.8	14.6	14.6	0.0001	0.0008
		08/02/22	F	0.09	0.1	1019	0.1	0.1	2.0	2.0	0.8	0.8	13.7	13.7	0.0001	0.0008
		21/02/22	R	0.00	0.1	1004	0.3	0.1	6.0	2.0	0.9	0.9	13.2	13.4	0.0001	0.0009
		07/03/22	R	0.14	3.1	1019	0.9	0.1	18.0	2.0	0.9	0.9	11.6	11.6	0.0031	0.0279
		22/03/22	R	-0.04	0.9	1023	0.8	0.1	16.0	2.0	0.8	0.8	9.3	9.4	0.0009	0.0072
		05/04/22	F	-0.05	0.1	1002	0.6	0.1	12.0	2.0	1.0	1.0	8.7	8.7	0.0001	0.0010
20/04/22	R	0.07	0.1	1012	1.8	0.1	36.0	2.0	1.5	1.5	10.0	10.0	0.0001	0.0015		
RBH-106	CB	15/07/21	R	-7.49	3.6	1017	0.1	0.1	2.0	2.0	0.4	0.4	19.8	19.8	0.0036	0.0144
		23/07/21	F	5.86	1.5	1011	0.2	0.2	4.0	4.0	0.9	0.9	18.9	18.9	0.0030	0.0135
		02/08/21	R	0.21	3.9	1008	0.1	0.1	2.0	2.0	1.0	1.0	19.1	19.2	0.0039	0.0390
		10/08/21	R	0.87	3.7	1008	0.1	0.1	2.0	2.0	0.9	0.9	19.5	19.5	0.0037	0.0333
		15/09/21	R	-3.11	4.7	1008	0.2	0.1	4.0	0.0	1.7	1.7	18.7	18.7	0.0047	0.0799
		22/09/21	F	-4.36	5.0	1021	0.1	0.1	2.0	2.0	1.4	1.4	18.6	18.7	0.0050	0.0700
		12/01/22	R	-28.60	11.5	1034	0.1	0.1	2.0	2.0	2.1	2.1	17.2	17.3	0.0115	0.2415
		24/01/22	F	-3.28	5.3	1027	0.1	0.1	2.0	2.0	2.1	2.1	17.2	17.2	0.0053	0.1113
		08/02/22	F	-5.84	5.2	1019	0.1	0.1	2.0	2.0	1.9	1.9	17.0	17.0	0.0052	0.0988
		21/02/22	R	-9.95	0.1	1005	0.1	0.1	2.0	2.0	1.9	1.9	17.0	17.0	0.0001	0.0019
		07/03/22	R	2.35	2.5	1018	0.1	0.1	2.0	2.0	1.9	1.9	17.1	17.1	0.0025	0.0475
		22/03/22	R	5.33	1.0	1022	0.1	0.1	2.0	2.0	1.8	1.8	16.1	16.2	0.0010	0.0180
		05/04/22	F	10.71	0.6	1001	0.1	0.1	2.0	2.0	1.8	1.8	16.4	16.6	0.0006	0.0108
20/04/22	R	-3.23	4.5	1012	0.1	0.1	2.0	2.0	1.8	1.8	16.3	16.3	0.0045	0.0810		
RBH-107	CB	15/07/21	R	-1.75	6.3	1018	0.1	0.1	2.0	2.0	0.2	0.2	18.8	18.8	0.0063	0.0126
		23/07/21	F	0.30	4.8	1011	0.2	0.2	4.0	4.0	0.4	0.4	17.9	17.9	0.0096	0.0192
		02/08/21	R	0.81	3.3	1009	0.4	0.1	8.0	2.0	0.4	0.4	17.9	17.9	0.0033	0.0132
		10/08/21	R	0.12	0.1	1009	1.6	0.1	32.0	2.0	0.5	0.5	17.5	17.5	0.0001	0.0005
		15/09/21	R	0.00	2.7	1008	0.5	0.1	10.0	2.0	1.2	1.2	17.1	17.1	0.0027	0.0324
		22/09/21	F	0.34	4.0	1020	0.5	0.1	10.0	2.0	0.2	0.2	20.1	20.2	0.0040	0.0080
		12/01/22	R	-18.12	8.9	1034	0.2	0.1	4.0	2.0	1.5	1.5	17.8	17.8	0.0089	0.1335
		24/01/22	F	0.19	3.9	1027	0.1	0.1	2.0	2.0	1.5	1.5	17.9	17.9	0.0039	0.0585
		08/02/22	F	1.85	3.3	1018	0.6	0.1	12.0	2.0	1.4	1.4	17.4	17.4	0.0033	0.0462
		22/02/22	R	8.68	0.4	1008	0.4	0.1	8.0	2.0	1.4	1.4	17.5	17.5	0.0004	0.0056
		07/03/22	R	2.77	2.7	1018	0.1	0.1	2.0	2.0	1.3	1.3	17.9	17.9	0.0027	0.0351
		22/03/22	R	-0.88	0.7	1022	0.4	0.1	8.0	2.0	1.1	1.1	17.0	17.0	0.0007	0.0077
		05/04/22	F	8.01	0.1	1001	0.1	0.1	2.0	2.0	1.2	1.2	17.8	17.8	0.0001	0.0012
20/04/22	R	-5.61	5.5	1012	0.1	0.1	2.0	2.0	1.1	1.1	17.6	17.6	0.0055	0.0605		

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
RBH-108	CB	15/07/21	R	-1.15	6.2	1018	0.1	0.1	2.0	2.0	0.1	0.1	21.3	21.3	0.0062	0.0062
		22/07/21	S	0.62	7.1	1017	0.1	0.1	2.0	2.0	0.1	0.1	18.7	20.1	0.0071	0.0071
		02/08/21	R	0.21	5.3	1009	0.5	0.1	10.0	2.0	0.2	0.2	17.1	20.1	0.0053	0.0106
		10/08/21	R	-2.22	6.0	1009	0.1	0.1	2.0	2.0	0.2	0.2	20.4	20.4	0.0060	0.0120
		15/09/21	R	-5.07	7.8	1008	0.1	0.1	2.0	2.0	0.5	0.5	17.5	19.8	0.0078	0.0390
		22/09/21	F	2.40	5.4	1020	0.1	0.1	2.0	2.0	0.4	0.4	20.1	20.1	0.0054	0.0216
		12/01/22	R	-17.29	10.1	1034	0.2	0.2	4.0	4.0	2.4	2.4	18.7	18.7	0.0202	0.2424
		24/01/22	F	-1.52	6.5	1027	0.1	0.1	2.0	2.0	2.7	2.7	18.4	18.4	0.0065	0.1755
		08/02/22	F	-3.19	6.5	1019	0.1	0.1	2.0	2.0	2.5	2.5	18.0	18.1	0.0065	0.1625
		22/02/22	R	4.29	4.4	1008	0.1	0.1	2.0	2.0	2.9	2.9	17.9	17.9	0.0044	0.1276
		07/03/22	R	10.83	4.6	1018	0.1	0.1	2.0	2.0	3.0	3.0	17.9	18.0	0.0046	0.1380
		22/03/22	R	9.56	3.9	1022	0.1	0.1	2.0	2.0	2.8	2.8	16.9	17.0	0.0039	0.1092
		05/04/22	F	15.76	0.3	1002	0.1	0.1	2.0	2.0	2.7	2.7	17.6	17.6	0.0003	0.0081
		20/04/22	R	-4.32	6.8	1012	0.1	0.1	2.0	2.0	2.6	2.6	17.3	17.3	0.0068	0.1768
RBH-109	BL	15/07/21	R	0.26	8.6	1019	0.1	0.1	2.0	2.0	0.3	0.3	16.0	16.0	0.0086	0.0258
		26/07/21	S	-24.26	13.1	1005	0.3	0.3	6.0	6.0	2.7	2.7	4.3	4.3	0.0393	0.3537
		02/08/21	R	-9.25	9.2	1011	0.1	0.1	2.0	2.0	0.8	0.8	7.9	7.9	0.0092	0.0736
		10/08/21	R	-11.21	9.5	1011	0.1	0.1	2.0	2.0	0.8	0.8	3.9	3.9	0.0095	0.0760
		15/09/21	R	-24.30	12.4	1010	0.1	0.1	2.0	2.0	2.8	2.8	0.4	0.4	0.0124	0.3472
		23/09/21	F	-4.01	7.5	1014	0.1	0.1	2.0	2.0	3.2	3.2	1.8	1.8	0.0075	0.2400
		13/01/22	S	9.23	3.9	1036	0.2	0.2	4.0	4.0	2.5	2.5	1.8	1.8	0.0078	0.0975
		25/01/22	S	0.44	2.8	1030	0.1	0.1	2.0	2.0	2.1	2.1	7.2	7.2	0.0028	0.0588
		09/02/22	S	2.73	4.2	1018	0.1	0.1	2.0	2.0	1.9	1.9	9.7	9.7	0.0042	0.0798
		22/02/22	R	0.07	7.9	1007	0.1	0.1	2.0	2.0	1.0	1.0	13.8	13.8	0.0079	0.0790
		08/03/22	R	-0.02	11.8	1009	0.1	0.1	2.0	2.0	1.3	1.3	15.2	15.2	0.0118	0.1534
		23/03/22	R	-6.21	5.4	1026	0.1	0.1	2.0	2.0	0.7	0.7	12.8	12.8	0.0054	0.0378
		06/04/22	F	10.29	2.8	989	0.1	0.1	2.0	2.0	0.8	0.8	13.0	13.2	0.0028	0.0224
		19/04/22	R	0.00	6.5	1013	0.1	0.1	2.0	2.0	0.8	0.8	11.8	11.8	0.0065	0.0520
RBH-110	H	15/07/21	R	0.04	0.2	1020	0.1	0.1	2.0	2.0	2.1	2.1	16.2	16.2	0.0002	0.0042
		26/07/21	S	-0.04	0.3	1006	0.1	0.1	2.0	2.0	3.4	3.3	11.0	11.0	0.0003	0.0099
		02/08/21	R	0.00	0.1	1012	0.1	0.1	2.0	2.0	3.3	3.3	12.3	12.3	0.0001	0.0033
		10/08/21	R	0.05	0.2	1011	0.1	0.1	2.0	2.0	3.3	3.3	13.3	13.3	0.0002	0.0066
		15/09/21	R	0.02	0.2	1011	0.1	0.1	2.0	2.0	3.1	3.1	18.5	18.5	0.0002	0.0062
		23/09/21	F	1.36	0.3	1015	0.1	0.1	2.0	2.0	2.9	2.9	18.3	18.3	0.0003	0.0087
		13/01/22	S	0.02	0.2	1036	0.1	0.1	2.0	2.0	0.5	0.3	21.7	21.9	0.0002	0.0006
		25/01/22	S	0.00	0.2	1030	0.1	0.1	2.0	2.0	0.6	0.4	20.6	20.7	0.0002	0.0008
		09/02/22	S	3.56	4.2	1019	0.1	0.1	2.0	2.0	1.5	1.5	17.8	17.8	0.0042	0.0630
		22/02/22	R	-8.95	4.7	1010	0.1	0.1	2.0	2.0	1.4	1.3	17.1	17.2	0.0047	0.0611
		08/03/22	R	5.12	2.3	1010	0.1	0.1	2.0	2.0	1.6	1.2	16.0	17.3	0.0023	0.0276
		23/03/22	R	2.96	3.4	1026	0.1	0.1	2.0	2.0	1.6	1.6	15.6	15.6	0.0034	0.0544
		06/04/22	F	11.08	2.5	989	0.1	0.1	2.0	2.0	2.1	2.1	15.7	15.7	0.0025	0.0525
		20/04/22	R	-20.84	10.4	1013	0.1	0.1	2.0	2.0	1.9	1.9	15.9	15.9	0.0104	0.1976

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
RBH-111	BL	15/07/21	R	-0.16	0.2	1019	0.1	0.1	2.0	2.0	0.3	0.3	18.5	18.5	0.0002	0.0006
		26/07/21	S	0.02	0.2	1005	0.1	0.1	2.0	2.0	2.0	2.0	13.5	13.5	0.0002	0.0040
		02/08/21	R	-0.04	0.1	1011	0.1	0.1	2.0	2.0	1.0	1.0	19.8	19.8	0.0001	0.0010
		10/08/21	R	-0.04	0.2	1011	0.1	0.1	2.0	2.0	0.5	0.5	20.1	20.1	0.0002	0.0010
		15/09/21	R	0.11	0.2	1010	0.1	0.1	2.0	2.0	1.1	1.1	19.3	19.3	0.0002	0.0022
		23/09/21	F	0.16	0.3	1014	0.1	0.1	2.0	2.0	0.9	0.9	19.4	19.4	0.0003	0.0027
		13/01/22	S	-0.02	0.2	1035	0.1	0.1	2.0	2.0	1.7	1.7	19.9	20.1	0.0002	0.0034
		25/01/22	S	-0.12	0.2	1029	0.1	0.1	2.0	2.0	3.0	3.0	14.5	14.6	0.0002	0.0060
		09/02/22	S	-0.02	0.2	1018	0.1	0.1	2.0	2.0	4.2	4.2	11.8	11.8	0.0002	0.0084
		22/02/22	R	-0.64	0.2	1008	0.1	0.1	2.0	2.0	4.4	4.4	9.4	9.4	0.0002	0.0088
		08/03/22	R	0.41	0.3	1009	0.1	0.1	2.0	2.0	3.8	3.8	10.2	10.2	0.0003	0.0114
		23/03/22	R	0.19	0.1	1025	0.1	0.1	2.0	2.0	1.7	1.7	15.1	15.5	0.0001	0.0017
		06/04/22	F	0.41	0.3	988	0.1	0.1	2.0	2.0	3.8	3.8	9.1	9.1	0.0003	0.0114
		20/04/22	R	0.30	0.4	1013	0.1	0.1	2.0	2.0	2.0	2.0	14.0	14.1	0.0004	0.0080
RBH-112	BL	16/07/21	R	0.11	4.2	1021	0.1	0.1	2.0	2.0	0.1	0.1	15.1	15.1	0.0042	0.0042
		26/07/21	S	-0.46	4.9	1006	0.1	0.1	2.0	2.0	0.1	0.1	16.4	16.5	0.0049	0.0049
		02/08/21	R	5.76	3.3	1011	0.1	0.1	2.0	2.0	0.2	0.2	18.4	19.1	0.0033	0.0066
		10/08/21	R	-0.12	4.5	1011	0.1	0.1	2.0	2.0	0.5	0.4	17.3	18.9	0.0045	0.0180
		15/09/21	R	-0.88	2.4	1011	0.1	0.1	2.0	2.0	1.0	1.0	18.9	18.9	0.0024	0.0240
		23/09/21	F	0.09	4.2	1014	0.1	0.1	2.0	2.0	1.1	1.1	18.7	18.7	0.0042	0.0462
		13/01/22	S	-0.69	3.7	1035	0.1	0.1	2.0	2.0	1.9	1.9	18.4	18.5	0.0037	0.0703
		25/01/22	S	0.69	4.1	1030	0.1	0.1	2.0	2.0	2.0	2.0	17.5	17.5	0.0041	0.0820
		09/02/22	S	-0.34	3.6	1019	0.1	0.1	2.0	2.0	1.9	1.9	17.8	17.8	0.0036	0.0684
		22/02/22	R	0.16	3.6	1010	0.1	0.1	2.0	2.0	1.8	1.8	18.0	18.1	0.0036	0.0648
		08/03/22	R	0.53	3.7	1010	0.1	0.1	2.0	2.0	1.8	1.7	18.2	18.2	0.0037	0.0629
		23/03/22	R	0.21	3.5	1026	0.1	0.1	2.0	2.0	1.5	1.5	17.3	17.3	0.0035	0.0525
		06/04/22	F	0.30	4.3	989	0.1	0.1	2.0	2.0	1.7	1.7	17.4	17.4	0.0043	0.0731
		20/04/22	R	-0.19	3.9	1013	0.1	0.1	2.0	2.0	1.6	1.6	17.9	17.9	0.0039	0.0624
RBH-113	CB	16/07/21	R	0.02	0.3	1023	0.1	0.1	2.0	2.0	0.1	0.1	19.1	19.2	0.0003	0.0003
		26/07/21	S	-0.76	0.3	1005	0.1	0.1	2.0	2.0	0.9	0.9	12.4	12.4	0.0003	0.0027
		02/08/21	R	0.12	0.1	1010	0.1	0.1	2.0	2.0	1.0	1.0	12.6	12.6	0.0001	0.0010
		10/08/21	R	0.60	0.2	1011	0.1	0.1	2.0	2.0	1.8	1.8	7.9	7.9	0.0002	0.0036
		15/09/21	R	-0.57	0.2	1011	0.1	0.1	2.0	2.0	2.3	2.3	8.2	8.2	0.0002	0.0046
		23/09/21	F	-0.23	0.3	1014	0.1	0.1	2.0	2.0	1.7	1.7	11.2	11.2	0.0003	0.0051
		13/01/22	S	-1.27	0.2	1035	0.2	0.2	4.0	4.0	2.7	2.7	10.3	10.3	0.0004	0.0054
		25/01/22	S	0.05	0.2	1029	0.1	0.1	2.0	2.0	2.9	2.8	9.3	9.3	0.0002	0.0056
		09/02/22	S	-0.02	0.2	1018	0.1	0.1	2.0	2.0	2.4	2.4	11.1	11.1	0.0002	0.0048
		22/02/22	R	0.00	0.2	1010	0.1	0.1	2.0	2.0	0.1	0.1	21.4	21.4	0.0002	0.0002
		08/03/22	R	-0.05	0.2	1009	0.1	0.1	2.0	2.0	2.5	2.5	8.0	8.0	0.0002	0.0050
		23/03/22	R	0.32	0.1	1025	0.1	0.1	2.0	2.0	2.2	2.2	6.9	6.9	0.0001	0.0022
		06/04/22	F	0.14	0.1	988	0.1	0.1	2.0	2.0	2.4	2.4	7.8	7.8	0.0001	0.0024
		20/04/22	R	-0.09	0.2	1013	0.1	0.1	2.0	2.0	2.2	2.2	9.6	9.6	0.0002	0.0044

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
RBH-114	BL	16/07/21	R	-0.02	0.2	1023	0.1	0.1	2.0	2.0	0.1	0.1	19.7	19.7	0.0002	0.0002
		26/07/21	S	0.04	0.3	1006	0.1	0.1	2.0	2.0	1.3	1.3	14.6	14.6	0.0003	0.0039
		02/08/21	R	0.12	0.1	1010	0.1	0.1	2.0	2.0	1.7	1.7	14.5	14.5	0.0001	0.0017
		10/08/21	R	-0.12	0.3	1011	0.1	0.1	2.0	2.0	2.1	2.1	14.0	15.3	0.0003	0.0063
		15/09/21	R	-0.11	0.2	1011	0.1	0.1	2.0	2.0	2.4	2.4	15.5	19.4	0.0002	0.0048
		23/09/21	F	-0.12	0.3	1014	0.1	0.1	2.0	2.0	2.0	2.0	16.7	18.3	0.0003	0.0060
		13/01/22	S	-0.16	0.1	1035	0.2	0.2	4.0	4.0	0.9	0.9	19.6	21.2	0.0002	0.0009
		25/01/22	S	-0.02	0.2	1029	0.1	0.1	2.0	2.0	0.9	0.8	19.6	20.1	0.0002	0.0016
		09/02/22	S	-0.05	0.2	1018	0.1	0.1	2.0	2.0	0.7	0.7	19.9	21.0	0.0002	0.0014
		22/02/22	R	-1.82	3.7	1010	0.1	0.1	2.0	2.0	0.7	0.7	19.7	21.0	0.0037	0.0259
		08/03/22	R	-1.39	1.6	1010	0.1	0.1	2.0	2.0	0.6	0.6	21.2	21.2	0.0016	0.0096
		23/03/22	R	0.02	0.1	1026	0.1	0.1	2.0	2.0	0.5	0.4	19.1	20.1	0.0001	0.0004
		06/04/22	F	0.11	0.1	988	0.1	0.1	2.0	2.0	0.7	0.7	20.2	20.7	0.0001	0.0007
		20/04/22	R	0.00	0.1	1013	0.1	0.1	2.0	2.0	0.8	0.8	19.6	19.6	0.0001	0.0008
RBH-115	BC	16/07/21	R	-0.02	0.3	1023	0.1	0.1	2.0	2.0	4.0	4.0	17.9	17.9	0.0003	0.0120
		26/07/21	S	-0.04	0.3	1006	0.1	0.1	2.0	2.0	3.2	3.2	18.9	18.9	0.0003	0.0096
		02/08/21	R	-0.12	0.1	1010	0.1	0.1	2.0	2.0	2.9	2.9	19.2	19.2	0.0001	0.0029
		10/08/21	R	-0.02	0.2	1011	0.1	0.1	2.0	2.0	2.5	2.5	19.3	19.3	0.0002	0.0050
		15/09/21	R	0.87	0.1	1011	0.1	0.1	2.0	2.0	1.6	1.6	20.2	20.2	0.0001	0.0016
		23/09/21	F	0.12	0.3	1014	0.1	0.1	2.0	2.0	1.5	1.5	20.1	20.1	0.0003	0.0045
		13/01/22	S	-1.34	0.2	1035	0.2	0.2	4.0	4.0	1.5	1.5	19.3	19.3	0.0004	0.0030
		25/01/22	S	0.30	0.1	1029	0.1	0.1	2.0	2.0	1.4	1.4	19.3	19.3	0.0001	0.0014
		09/02/22	S	-0.04	0.1	1018	0.1	0.1	2.0	2.0	1.0	1.0	20.0	20.1	0.0001	0.0010
		22/02/22	R	0.04	0.2	1011	0.1	0.1	2.0	2.0	0.5	0.4	20.4	21.0	0.0002	0.0008
		08/03/22	R	0.05	0.1	1009	0.1	0.1	2.0	2.0	1.7	1.7	18.2	18.2	0.0001	0.0017
		23/03/22	R	-0.09	0.1	1025	0.1	0.1	2.0	2.0	2.1	2.1	16.6	16.6	0.0001	0.0021
		06/04/22	F	-0.09	0.1	988	0.1	0.1	2.0	2.0	2.7	2.7	19.5	19.5	0.0001	0.0027
		20/04/22	R	-0.35	0.3	1013	0.1	0.1	2.0	2.0	2.4	2.4	19.5	19.5	0.0003	0.0072
RBH-116	BL	16/07/21	R	0.07	10.8	1021	0.1	0.1	2.0	2.0	0.1	0.1	13.1	13.2	0.0108	0.0108
		26/07/21	S	-4.04	11.2	1006	0.1	0.1	2.0	2.0	0.1	0.1	15.6	15.6	0.0112	0.0112
		02/08/21	R	5.33	7.7	1011	0.1	0.1	2.0	2.0	0.5	0.5	16.5	16.5	0.0077	0.0385
		10/08/21	R	-0.05	0.2	1011	0.1	0.1	2.0	2.0	1.8	1.8	12.9	12.9	0.0002	0.0036
		15/09/21	R	-0.05	0.2	1011	0.1	0.1	2.0	2.0	4.1	4.1	17.8	17.8	0.0002	0.0082
		23/09/21	F	0.02	0.2	1014	0.1	0.1	2.0	2.0	4.1	4.1	17.9	17.9	0.0002	0.0082
		13/01/22	S	-0.04	0.2	1035	0.2	0.2	4.0	4.0	2.6	2.6	19.4	19.5	0.0004	0.0052
		25/01/22	S	0.05	1.9	1029	0.1	0.1	2.0	2.0	3.4	3.4	17.9	17.9	0.0019	0.0646
		09/02/22	S	0.09	2.0	1018	0.1	0.1	2.0	2.0	3.3	3.3	18.0	18.0	0.0020	0.0660
		22/02/22	R	0.14	0.1	1011	0.1	0.1	2.0	2.0	3.3	3.3	18.2	18.2	0.0001	0.0033
		08/03/22	R	21.69	7.9	1009	0.1	0.1	2.0	2.0	4.6	4.6	17.9	17.9	0.0079	0.3634
		23/03/22	R	17.77	8.3	1026	0.1	0.1	2.0	2.0	4.8	4.8	16.5	16.5	0.0083	0.3984
		06/04/22	F	4.61	7.3	988	0.1	0.1	2.0	2.0	4.8	4.8	18.8	18.8	0.0073	0.3504
		20/04/22	R	-15.46	6.4	1013	0.1	0.1	2.0	2.0	4.4	4.4	17.3	17.3	0.0064	0.2816

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV –	Visit GSV –	
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	CH ₄	CO ₂	
RBH-117	BC	16/07/21	R	-0.71	4.6	1022	0.1	0.1	2.0	2.0	0.2	0.2	19.5	19.5	0.0046	0.0092	
		26/07/21	S	0.37	0.3	1006	0.1	0.1	2.0	2.0	0.6	0.4	15.3	17.1	0.0003	0.0012	
		02/08/21	R	-0.09	0.3	1011	0.1	0.1	2.0	2.0	1.8	1.8	0.6	0.6	0.0003	0.0054	
		10/08/21	R	-0.05	1.3	1011	0.1	0.1	2.0	2.0	1.9	1.9	0.3	0.3	0.0013	0.0247	
		15/09/21	R	-1.29	0.1	1011	0.1	0.1	2.0	2.0	2.9	2.9	0.3	0.3	0.0001	0.0029	
		23/09/21	F	-0.53	0.2	1014	0.1	0.1	2.0	2.0	2.9	2.9	0.3	0.3	0.0002	0.0058	
		13/01/22	S	-7.90	5.4	1035	0.3	0.3	6.0	6.0	2.6	2.6	0.4	0.4	0.0162	0.1404	
		25/01/22	S	0.02	0.1	1029	0.1	0.1	2.0	2.0	3.1	3.1	4.0	4.0	0.0001	0.0031	
		09/02/22	S	-1.39	6.2	1018	0.1	0.1	2.0	2.0	3.0	3.0	1.1	1.1	0.0062	0.1860	
		22/02/22	R	3.56	4.3	1007	0.1	0.1	2.0	2.0	2.3	2.3	9.7	9.7	0.0043	0.0989	
		08/03/22	R	-2.58	5.4	1008	0.1	0.1	2.0	2.0	2.2	2.2	12.8	12.8	0.0054	0.1188	
		23/03/22	R	-2.91	6.9	1025	0.1	0.1	2.0	2.0	2.2	2.2	15.5	15.5	0.0069	0.1518	
		06/04/22	F	3.67	4.8	989	0.1	0.1	2.0	2.0	1.9	1.9	17.1	17.1	0.0048	0.0912	
19/04/22	R	-0.48	5.7	1012	0.1	0.1	2.0	2.0	1.9	1.9	17.7	17.7	0.0057	0.1083			
RBH-118	BL	16/07/21	R	-0.09	0.2	1022	0.1	0.1	2.0	2.0	0.2	0.1	17.4	17.8	0.0002	0.0002	
		26/07/21	S	-4.64	1.3	1006	0.1	0.1	2.0	2.0	1.7	1.7	15.0	15.0	0.0013	0.0221	
		02/08/21	R	-0.12	0.1	1010	0.1	0.1	2.0	2.0	4.0	4.0	11.3	11.3	0.0001	0.0040	
		10/08/21	R	-0.09	0.2	1011	0.1	0.1	2.0	2.0	4.3	4.3	9.5	9.5	0.0002	0.0086	
		15/09/21	R	0.02	0.2	1010	0.1	0.1	2.0	2.0	4.2	4.2	12.0	17.0	0.0002	0.0084	
		23/09/21	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13/01/22	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		25/01/22	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		09/02/22	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		22/02/22	R	1.46	11.5	1006	0.1	0.1	2.0	2.0	0.4	0.4	20.8	20.8	0.0115	0.0460	
		08/03/22	R	1.61	9.8	1008	0.1	0.1	2.0	2.0	0.3	0.3	21.1	21.1	0.0098	0.0294	
		23/03/22	R	0.37	7.5	1025	0.1	0.1	2.0	2.0	0.1	0.1	20.6	20.6	0.0075	0.0075	
		06/04/22	F	0.07	7.3	989	0.1	0.1	2.0	2.0	0.1	0.1	20.9	20.9	0.0073	0.0073	
19/04/22	R	0.25	5.9	1012	0.1	0.1	2.0	2.0	0.1	0.1	20.8	20.8	0.0059	0.0059			
RBH-119	CB	16/07/21	R	-57.39	5.7	1021	0.1	0.1	2.0	2.0	0.2	0.2	20.1	20.1	0.0057	0.0114	
		26/07/21	S	-0.12	0.3	1006	0.1	0.1	2.0	2.0	0.7	0.3	19.0	20.1	0.0003	0.0009	
		02/08/21	R	-0.07	0.1	1010	0.1	0.1	2.0	2.0	1.2	0.6	17.6	19.8	0.0001	0.0006	
		10/08/21	R	-0.07	0.2	1011	0.1	0.1	2.0	2.0	1.1	0.5	15.3	19.8	0.0002	0.0010	
		15/09/21	R	-0.18	0.2	1010	0.1	0.1	2.0	2.0	0.9	0.3	19.4	21.0	0.0002	0.0006	
		23/09/21	F	0.00	0.3	1014	0.1	0.1	2.0	2.0	0.8	0.3	13.1	20.6	0.0003	0.0009	
		13/01/22	S	0.05	0.2	1035	0.2	0.2	4.0	4.0	1.2	0.8	19.4	20.1	0.0004	0.0016	
		25/01/22	S	0.05	0.1	1029	0.1	0.1	2.0	2.0	0.6	0.4	17.0	20.3	0.0001	0.0004	
		09/02/22	S	-0.05	0.1	1017	0.1	0.1	2.0	2.0	0.8	0.5	19.7	20.2	0.0001	0.0005	
		22/02/22	R	0.07	1.5	1007	0.1	0.1	2.0	2.0	0.7	0.5	20.2	20.4	0.0015	0.0075	
		08/03/22	R	0.60	5.9	1008	0.1	0.1	2.0	2.0	0.8	0.6	20.1	20.3	0.0059	0.0354	
		23/03/22	R	0.02	8.1	1025	0.1	0.1	2.0	2.0	0.9	0.9	19.6	19.6	0.0081	0.0729	
		06/04/22	F	0.09	0.1	989	0.1	0.1	2.0	2.0	0.5	0.3	20.5	20.6	0.0001	0.0003	
19/04/22	R	-1.57	0.1	1012	0.1	0.1	2.0	2.0	2.1	0.2	14.4	20.5	0.0001	0.0002			
CP-201	GT	12/01/22	R	-0.23	0.2	1034	0.1	0.1	2.0	2.0	0.2	0.1	21.5	22.1	0.0002	0.0002	
		24/01/22	F	0.05	0.2	1027	0.1	0.1	2.0	2.0	0.5	0.5	20.7	20.7	0.0002	0.0010	
		08/02/22	F	0.09	0.2	1019	0.1	0.1	2.0	2.0	0.1	0.1	21.3	21.4	0.0002	0.0002	
		21/02/22	R	-2.61	0.7	1004	0.1	0.1	2.0	2.0	0.1	0.1	21.0	21.1	0.0007	0.0007	
		07/03/22	R	1.66	0.6	1019	0.1	0.1	2.0	2.0	0.3	0.3	20.7	20.8	0.0006	0.0018	
		22/03/22	R	0.51	0.1	1022	0.1	0.1	2.0	2.0	0.6	0.6	19.6	19.6	0.0001	0.0006	
		05/04/22	F	0.85	0.4	1002	0.1	0.1	2.0	2.0	1.3	1.3	17.2	17.2	0.0004	0.0052	
20/04/22	R	0.48	0.4	1012	0.1	0.1	2.0	2.0	0.6	0.6	20.5	20.7	0.0004	0.0024			

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV –	Visit GSV –	
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	CH ₄	CO ₂	
CP-202	KWS	12/01/22	R	-0.11	0.2	1035	0.1	0.1	2.0	2.0	0.9	0.9	20.1	20.3	0.0002	0.0018	
		24/01/22	F	0.14	0.2	1028	0.1	0.1	2.0	2.0	0.9	0.9	20.4	20.4	0.0002	0.0018	
		08/02/22	F	0.02	0.2	1019	0.1	0.1	2.0	2.0	0.8	0.8	19.6	19.7	0.0002	0.0016	
		21/02/22	R	0.00	0.2	1004	0.1	0.1	2.0	2.0	1.0	1.0	19.0	19.0	0.0002	0.0020	
		07/03/22	R	0.14	0.1	1019	0.1	0.1	2.0	2.0	0.9	0.9	20.7	20.8	0.0001	0.0009	
		22/03/22	R	0.05	0.6	1023	0.1	0.1	2.0	2.0	0.8	0.8	19.8	19.9	0.0006	0.0048	
		05/04/22	F	-0.09	0.2	1002	0.1	0.1	2.0	2.0	1.0	1.0	19.2	19.2	0.0002	0.0020	
20/04/22	R	0.16	0.2	1012	0.1	0.1	2.0	2.0	1.1	1.1	19.4	19.4	0.0002	0.0022			
CP-204	KWS	12/01/22	R	0.07	0.2	1035	0.1	0.1	2.0	2.0	1.0	1.0	20.0	20.0	0.0002	0.0020	
		24/01/22	F	-0.02	0.2	1028	0.1	0.1	2.0	2.0	1.1	1.1	19.8	19.9	0.0002	0.0022	
		08/02/22	F	-0.07	0.2	1019	0.1	0.1	2.0	2.0	1.0	1.0	19.6	19.6	0.0002	0.0020	
		21/02/22	R	0.09	0.2	1001	0.1	0.1	2.0	2.0	1.0	1.0	19.5	19.5	0.0002	0.0020	
		07/03/22	R	0.09	0.1	1020	0.1	0.1	2.0	2.0	0.8	0.8	20.9	21.2	0.0001	0.0008	
		22/03/22	R	0.02	0.1	1023	0.1	0.1	2.0	2.0	0.7	0.7	19.8	19.9	0.0001	0.0007	
		05/04/22	F	0.12	0.1	1002	0.1	0.1	2.0	2.0	1.0	1.0	19.6	19.6	0.0001	0.0010	
19/04/22	R	0.12	0.3	1011	0.1	0.1	2.0	2.0	1.2	1.2	19.3	19.4	0.0003	0.0036			
CP-209	GT	12/01/22	R	-2.95	5.1	1035	0.1	0.1	2.0	2.0	2.6	2.6	1.0	1.0	0.0051	0.1326	
		24/01/22	F	0.55	0.5	1027	0.1	0.1	2.0	2.0	3.0	3.0	2.0	2.0	0.0005	0.0150	
		08/02/22	F	-15.93	7.9	1019	0.1	0.1	2.0	2.0	3.2	3.2	8.3	8.3	0.0079	0.2528	
		21/02/22	R	-1.39	4.4	1006	0.1	0.1	2.0	2.0	3.5	3.5	1.1	1.1	0.0044	0.1540	
		07/03/22	R	-2.95	0.3	1018	0.1	0.1	2.0	2.0	3.0	3.0	5.1	5.1	0.0003	0.0090	
		22/03/22	R	-2.29	3.4	1022	0.1	0.1	2.0	2.0	3.4	3.4	2.6	2.6	0.0034	0.1156	
		05/04/22	F	1.89	0.1	1002	0.1	0.1	2.0	2.0	4.0	4.0	13.3	13.4	0.0001	0.0040	
20/04/22	R	0.11	0.3	1012	0.1	0.1	2.0	2.0	3.0	3.0	17.4	17.5	0.0003	0.0090			
RBH-201	CB	13/01/22	S	0.34	8.1	1034	0.1	0.1	2.0	2.0	0.1	0.1	21.8	22.0	0.0081	0.0081	
		24/01/22	F	-44.87	16.6	1027	0.1	0.1	2.0	2.0	0.2	0.2	21.3	21.5	0.0166	0.0332	
		08/02/22	F	74.02	14.4	1019	0.1	0.1	2.0	2.0	0.1	0.1	21.0	21.0	0.0144	0.0144	
		21/02/22	R	47.94	10.1	1004	0.1	0.1	2.0	2.0	0.2	0.2	20.5	20.6	0.0101	0.0202	
		07/03/22	R	-	23.2	-	-	-	-	-	-	-	-	-	-	-	-
		07/03/22	R	113.53	18.1	1019	0.1	0.1	2.0	2.0	0.2	0.2	21.2	21.3	0.0181	0.0362	
		22/03/22	R	60.95	7.8	1022	0.1	0.1	2.0	2.0	0.2	0.2	20.5	20.7	0.0078	0.0156	
05/04/22	F	38.64	6.3	1002	0.1	0.1	2.0	2.0	0.2	0.2	20.4	20.5	0.0063	0.0126			
20/04/22	R	7.98	3.1	1012	0.1	0.1	2.0	2.0	0.2	0.2	20.2	20.2	0.0031	0.0062			
RBH-202	CB	12/01/22	R	0.00	14.3	1035	0.1	0.1	2.0	2.0	0.2	0.2	20.5	20.5	0.0143	0.0286	
		24/01/22	F	-225.13	-	1028	-	-	-	-	-	-	-	-	-	-	
		24/01/22	F	-0.05	11.7	1028	4.6	0.3	92.0	6.0	0.9	0.3	20.1	20.1	0.0351	0.0351	
		24/01/22	F	-12.70	19.2	1028	0.3	0.3	6.0	6.0	0.3	0.3	20.1	20.1	0.0576	0.0576	
		08/02/22	F	-208.79	26.0	1019	-	-	-	-	-	-	-	-	-	-	-
		08/02/22	F	-12.81	12.9	1019	0.1	0.1	2.0	2.0	0.5	0.1	19.6	20.6	0.0129	0.0129	
		21/02/22	R	-170.94	26.0	1004	0.1	0.1	2.0	2.0	0.1	0.1	21.0	21.0	0.0260	0.0260	
		21/02/22	R	0.05	16.2	1004	0.1	0.1	2.0	2.0	0.1	0.1	20.6	20.6	0.0162	0.0162	
		07/03/22	R	0.00	0.1	1019	0.5	0.1	10.0	2.0	0.3	0.1	21.0	21.2	0.0001	0.0001	
		07/03/22	R	-33.37	17.2	1019	0.1	0.1	2.0	2.0	0.2	0.2	20.7	20.7	0.0172	0.0344	
22/03/22	R	-99.04	0.1	1023	0.6	0.1	12.0	2.0	0.2	0.1	20.4	20.4	0.0001	0.0001			
05/04/22	F	-68.14	10.3	1002	0.7	0.1	14.0	2.0	0.2	0.2	19.8	19.8	0.0103	0.0206			
20/04/22	R	-9.30	10.6	1012	0.2	0.1	4.0	2.0	0.2	0.2	17.6	20.1	0.0106	0.0212			
RBH-203	BL	13/01/22	S	0.11	0.2	1035	0.1	0.1	2.0	2.0	0.2	0.2	21.8	21.9	0.0002	0.0004	
		25/01/22	S	0.00	0.2	1029	0.1	0.1	2.0	2.0	5.9	5.7	16.0	16.0	0.0002	0.0114	
		09/02/22	S	-0.23	0.1	1017	0.1	0.1	2.0	2.0	6.7	6.7	9.8	9.9	0.0001	0.0067	
		22/02/22	R	1.43	2.2	1007	0.1	0.1	2.0	2.0	6.3	6.3	8.3	8.3	0.0022	0.1386	
		08/03/22	R	3.76	2.4	1008	0.1	0.1	2.0	2.0	6.7	6.7	5.7	5.7	0.0024	0.1608	
		23/03/22	R	0.51	3.0	1025	0.1	0.1	2.0	2.0	6.3	6.3	4.1	4.1	0.0030	0.1890	
		06/04/22	F	6.79	0.5	988	0.1	0.1	2.0	2.0	6.1	6.1	2.9	2.9	0.0005	0.0305	
19/04/22	R	-6.42	4.7	1012	0.1	0.1	2.0	2.0	6.0	6.0	2.2	2.2	0.0047	0.2820			

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
RBH-204	BL	13/01/22	S	-21.69	10.2	1035	0.1	0.1	2.0	2.0	5.1	5.1	0.5	0.5	0.0102	0.5202
		25/01/22	S	-4.87	6.3	1029	0.1	0.1	2.0	2.0	6.1	6.1	1.0	1.0	0.0063	0.3843
		09/02/22	S	1.64	4.5	1018	0.1	0.1	2.0	2.0	6.4	6.4	0.7	0.7	0.0045	0.2880
		22/02/22	R	0.37	4.5	1007	0.1	0.1	2.0	2.0	4.8	4.8	6.7	6.8	0.0045	0.2160
		08/03/22	R	9.51	0.3	1009	0.1	0.1	2.0	2.0	6.7	6.7	2.2	2.2	0.0003	0.0201
		23/03/22	R	1.87	5.4	1025	0.1	0.1	2.0	2.0	6.7	6.7	2.1	2.1	0.0054	0.3618
		06/04/22	F	0.35	3.9	989	0.1	0.1	2.0	2.0	6.6	6.6	1.3	1.3	0.0039	0.2574
19/04/22	R	-0.11	3.6	1012	0.1	0.1	2.0	2.0	6.7	6.7	1.0	1.0	0.0036	0.2412		
RBH-205	BL	13/01/22	S	0.11	0.2	1035	0.1	0.1	2.0	2.0	0.9	0.9	17.0	17.1	0.0002	0.0018
		25/01/22	S	0.05	0.2	1029	0.1	0.1	2.0	2.0	0.4	0.2	19.7	20.6	0.0002	0.0004
		09/02/22	S	1.09	0.2	1018	0.1	0.1	2.0	2.0	0.6	0.1	17.8	21.1	0.0002	0.0002
		22/02/22	R	-0.09	0.2	1007	0.1	0.1	2.0	2.0	0.2	0.1	21.0	21.1	0.0002	0.0002
		08/03/22	R	0.30	0.2	1009	0.1	0.1	2.0	2.0	4.0	4.0	7.4	7.4	0.0002	0.0080
		23/03/22	R	0.14	0.1	1026	0.1	0.1	2.0	2.0	0.1	0.0	20.7	20.8	0.0001	0.0000
		06/04/22	F	0.35	0.2	989	0.1	0.1	2.0	2.0	4.0	4.0	6.6	6.6	0.0002	0.0080
19/04/22	R	-0.02	0.2	1013	0.1	0.1	2.0	2.0	0.1	0.1	21.3	21.5	0.0002	0.0002		
RBH-206	BL	13/01/22	S	-0.02	0.2	1035	0.1	0.1	2.0	2.0	0.7	0.7	19.8	20.1	0.0002	0.0014
		25/01/22	S	0.05	0.1	1029	0.1	0.1	2.0	2.0	2.2	2.2	11.2	11.2	0.0001	0.0022
		09/02/22	S	0.02	0.2	1018	0.1	0.1	2.0	2.0	2.6	2.6	9.8	9.8	0.0002	0.0052
		22/02/22	R	-0.28	0.2	1008	0.1	0.1	2.0	2.0	2.7	2.7	10.4	10.5	0.0002	0.0054
		08/03/22	R	0.09	0.1	1009	0.1	0.1	2.0	2.0	2.8	2.8	8.5	8.5	0.0001	0.0028
		23/03/22	R	0.12	0.1	1026	0.1	0.1	2.0	2.0	2.6	2.6	8.7	8.7	0.0001	0.0026
		06/04/22	F	0.14	0.2	989	0.1	0.1	2.0	2.0	2.7	2.7	9.4	9.4	0.0002	0.0054
20/04/22	R	0.04	0.3	1013	0.1	0.1	2.0	2.0	0.8	0.8	18.4	19.0	0.0003	0.0024		
RBH-207	BL	13/01/22	S	-0.05	0.5	1035	0.2	0.2	4.0	4.0	0.1	0.1	22.1	22.1	0.0010	0.0005
		25/01/22	S	0.62	0.3	1030	0.1	0.1	2.0	2.0	0.2	0.1	20.9	21.1	0.0003	0.0003
		09/02/22	S	2.36	2.3	1019	0.1	0.1	2.0	2.0	0.4	0.4	20.6	20.7	0.0023	0.0092
		22/02/22	R	-3.78	6.0	1010	0.1	0.1	2.0	2.0	1.5	1.5	17.3	17.4	0.0060	0.0900
		08/03/22	R	14.52	1.3	1010	0.1	0.1	2.0	2.0	1.3	1.3	16.1	16.1	0.0013	0.0169
		23/03/22	R	15.05	2.1	1026	0.1	0.1	2.0	2.0	1.1	1.1	15.5	15.5	0.0021	0.0231
		06/04/22	F	11.72	0.9	989	0.1	0.1	2.0	2.0	1.3	1.3	15.7	15.7	0.0009	0.0117
20/04/22	R	0.05	3.7	1014	0.1	0.1	2.0	2.0	1.2	1.2	15.2	15.2	0.0037	0.0444		
RBH-208	BL	13/01/22	S	0.05	5.7	1036	0.1	0.1	2.0	2.0	1.4	1.4	15.3	15.4	0.0057	0.0798
		25/01/22	S	-0.05	5.8	1030	0.1	0.1	2.0	2.0	1.7	1.7	12.4	12.4	0.0058	0.0986
		09/02/22	S	0.04	1.8	1019	0.1	0.1	2.0	2.0	1.5	1.5	11.7	11.8	0.0018	0.0270
		22/02/22	R	-0.16	4.2	1009	0.1	0.1	2.0	2.0	1.5	1.5	10.6	10.7	0.0042	0.0630
		08/03/22	R	-0.07	1.3	1010	0.1	0.1	2.0	2.0	1.5	1.4	11.2	11.2	0.0013	0.0182
		23/03/22	R	-0.02	0.9	1026	0.1	0.1	2.0	2.0	1.2	1.2	11.7	11.8	0.0009	0.0108
		06/04/22	F	0.07	0.1	989	0.1	0.1	2.0	2.0	1.3	1.3	13.5	13.5	0.0001	0.0013
20/04/22	R	0.05	0.1	1013	0.1	0.1	2.0	2.0	1.1	1.1	15.0	15.0	0.0001	0.0011		
RBH-209	BL	13/01/22	S	0.04	0.1	1035	0.2	0.2	4.0	4.0	0.2	0.1	21.3	22.1	0.0002	0.0001
		25/01/22	S	0.05	0.1	1030	0.1	0.1	2.0	2.0	1.6	0.7	18.6	19.6	0.0001	0.0007
		09/02/22	S	-0.02	0.2	1019	0.1	0.1	2.0	2.0	1.7	0.8	18.5	19.7	0.0002	0.0016
		22/02/22	R	0.05	0.1	1010	0.1	0.1	2.0	2.0	1.3	1.1	18.3	18.4	0.0001	0.0011
		08/03/22	R	-0.02	0.1	1010	0.1	0.1	2.0	2.0	1.5	1.3	16.6	17.1	0.0001	0.0013
		23/03/22	R	0.07	0.3	1026	0.1	0.1	2.0	2.0	2.0	1.7	14.0	14.4	0.0003	0.0051
		06/04/22	F	0.09	0.2	990	0.1	0.1	2.0	2.0	1.1	1.0	17.9	17.9	0.0002	0.0020
20/04/22	R	0.11	0.3	1013	0.1	0.1	2.0	2.0	1.9	1.6	14.6	14.6	0.0003	0.0048		

CIRIA Ground Gas Risk Assessment
(Situation A)



Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV –	Visit GSV –
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	CH ₄	CO ₂
RBH-210	BL	14/01/22	F	0.09	0.1	1031	0.1	0.1	2.0	2.0	0.8	0.8	19.7	19.7	0.0001	0.0008
		25/01/22	S	0.02	0.1	1029	0.1	0.1	2.0	2.0	2.6	2.6	16.1	16.1	0.0001	0.0026
		09/02/22	S	0.02	0.1	1018	0.1	0.1	2.0	2.0	2.5	2.5	14.5	14.5	0.0001	0.0025
		22/02/22	R	-0.07	0.3	1010	0.1	0.1	2.0	2.0	2.9	2.8	15.3	15.3	0.0003	0.0084
		08/03/22	R	0.18	0.2	1009	0.1	0.1	2.0	2.0	0.5	0.5	20.8	20.8	0.0002	0.0010
		23/03/22	R	0.00	0.1	1017	0.1	0.1	2.0	2.0	1.9	1.9	16.6	16.7	0.0001	0.0019
		06/04/22	F	0.09	0.1	988	0.1	0.1	2.0	2.0	2.6	2.6	15.2	15.3	0.0001	0.0026
		20/04/22	R	-0.02	0.4	1013	0.1	0.1	2.0	2.0	1.8	1.8	17.5	17.5	0.0004	0.0072
RBH-211	BL	13/01/22	S	0.76	1.5	1035	0.1	0.1	2.0	2.0	0.1	0.1	20.7	22.0	0.0015	0.0015
		25/01/22	S	-0.12	2.1	1030	0.1	0.1	2.0	2.0	0.4	0.4	18.8	20.3	0.0021	0.0084
		09/02/22	S	0.35	2.6	1018	0.1	0.1	2.0	2.0	0.5	0.4	18.8	20.8	0.0026	0.0104
		22/02/22	R	1.87	2.2	1007	0.1	0.1	2.0	2.0	0.6	0.6	19.2	20.1	0.0022	0.0132
		08/03/22	R	0.30	2.5	1009	0.1	0.1	2.0	2.0	0.5	0.5	20.2	21.1	0.0025	0.0125
		23/03/22	R	-4.69	4.1	1025	0.1	0.1	2.0	2.0	0.5	0.5	18.4	20.1	0.0041	0.0205
		06/04/22	F	1.98	0.6	989	0.1	0.1	2.0	2.0	0.5	0.5	20.4	20.7	0.0006	0.0030
		19/04/22	R	-1.57	2.2	1012	0.1	0.1	2.0	2.0	0.5	0.5	19.8	20.5	0.0022	0.0110
RBH-212	BL	13/01/22	S	0.02	0.1	1034	0.2	0.2	4.0	4.0	2.6	2.6	14.0	14.0	0.0002	0.0026
		25/01/22	S	0.11	0.1	1029	0.1	0.1	2.0	2.0	2.7	2.6	13.1	13.1	0.0001	0.0026
		09/02/22	S	1.29	0.2	1018	0.1	0.1	2.0	2.0	2.4	2.4	16.5	16.5	0.0002	0.0048
		22/02/22	R	0.09	0.3	1010	0.1	0.1	2.0	2.0	1.9	1.7	15.9	16.6	0.0003	0.0051
		08/03/22	R	0.05	0.2	1009	0.1	0.1	2.0	2.0	0.6	0.5	19.9	20.0	0.0002	0.0010
		23/03/22	R	0.00	0.1	1026	0.1	0.1	2.0	2.0	0.8	0.7	17.4	17.6	0.0001	0.0007
		06/04/22	F	0.04	0.3	988	0.1	0.1	2.0	2.0	2.1	2.0	14.5	14.6	0.0003	0.0060
		20/04/22	R	0.05	0.3	1013	0.1	0.1	2.0	2.0	1.7	1.7	15.5	15.5	0.0003	0.0051
RBH-213	BL	12/01/22	R	-90.84	22.9	1036	0.2	0.2	4.0	4.0	5.9	5.3	0.6	0.6	0.0458	1.2137
		24/01/22	F	-84.33	20.9	1029	0.1	0.1	2.0	2.0	5.1	5.1	2.0	2.0	0.0209	1.0659
		08/02/22	F	-78.24	20.9	1020	0.1	0.1	2.0	2.0	5.1	5.0	0.9	0.9	0.0209	1.0450
		21/02/22	R	-55.62	17.1	1002	0.1	0.1	2.0	2.0	4.7	4.7	2.8	2.8	0.0171	0.8037
		07/03/22	R	-28.23	12.1	1021	0.1	0.1	2.0	2.0	4.7	4.7	2.5	2.5	0.0121	0.5687
		22/03/22	R	-14.17	7.6	1024	0.1	0.1	2.0	2.0	5.1	4.6	0.9	0.9	0.0076	0.3496
		05/04/22	F	-8.49	6.5	1002	0.1	0.1	2.0	2.0	4.3	4.3	1.1	1.1	0.0065	0.2795
		19/04/22	R	-26.54	11.3	1012	0.1	0.1	2.0	2.0	4.4	4.2	0.7	0.7	0.0113	0.4746
RBH-214	BL	13/01/22	S	0.09	0.2	1035	0.2	0.2	4.0	4.0	0.8	0.8	17.8	17.8	0.0004	0.0016
		25/01/22	S	0.02	0.1	1029	0.1	0.1	2.0	2.0	1.6	1.6	12.8	12.8	0.0001	0.0016
		09/02/22	S	0.02	0.1	1018	0.1	0.1	2.0	2.0	1.8	1.7	11.7	11.7	0.0001	0.0017
		22/02/22	R	-0.11	0.1	1007	0.1	0.1	2.0	2.0	1.3	1.3	13.4	13.7	0.0001	0.0013
		08/03/22	R	0.02	0.3	1009	0.1	0.1	2.0	2.0	2.6	2.6	8.4	8.5	0.0003	0.0078
		23/03/22	R	0.09	1.8	1025	0.1	0.1	2.0	2.0	2.4	2.4	8.9	8.9	0.0018	0.0432
		06/04/22	F	0.18	2.3	989	0.1	0.1	2.0	2.0	3.2	3.2	6.1	6.1	0.0023	0.0736
		19/04/22	R	-0.11	2.6	1012	0.1	0.1	2.0	2.0	2.7	2.7	8.8	8.8	0.0026	0.0702
RBH-215	CB	13/01/22	S	0.94	4.2	1035	0.2	0.2	4.0	4.0	0.6	0.6	18.8	21.7	0.0084	0.0252
		25/01/22	S	-4.32	5.2	1029	0.1	0.1	2.0	2.0	1.2	1.1	18.1	20.3	0.0052	0.0572
		09/02/22	S	-5.51	5.2	1018	0.1	0.1	2.0	2.0	1.0	1.0	18.1	20.5	0.0052	0.0520
		22/02/22	R	0.41	4.7	1011	0.1	0.1	2.0	2.0	1.0	1.0	20.6	20.7	0.0047	0.0470
		08/03/22	R	-9.23	6.9	1009	0.1	0.1	2.0	2.0	1.0	1.0	16.7	20.7	0.0069	0.0690
		23/03/22	R	-13.06	7.8	1026	0.1	0.1	2.0	2.0	0.9	0.9	14.4	19.6	0.0078	0.0702
		06/04/22	F	-11.13	6.4	988	0.1	0.1	2.0	2.0	1.0	1.0	17.5	20.4	0.0064	0.0640
		20/04/22	R	-15.65	6.1	1014	0.1	0.1	2.0	2.0	1.0	1.0	17.4	19.6	0.0061	0.0610

CIRIA Ground Gas Risk Assessment
(Situation A)



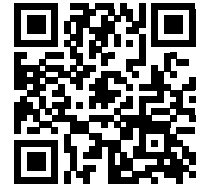
Location	Strata	Date	Pressure Trend	Relative Pressure	Flow Rate (l/hr)	Atmos. Pressure	CH ₄ (% vol)		(%LEL)		CO ₂ (% vol)		O ₂ (% vol)		Visit GSV – CH ₄	Visit GSV – CO ₂
							Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady		
RBH-216	CB	12/01/22	R	-21.46	16.8	1035	0.4	0.1	8.0	2.0	0.4	0.1	21.8	22.0	0.0168	0.0168
		24/01/22	F	0.02	7.2	1028	0.1	0.1	2.0	2.0	0.2	0.2	20.9	20.9	0.0072	0.0144
		08/02/22	F	1.15	6.9	1019	0.1	0.1	2.0	2.0	0.2	0.2	20.3	20.3	0.0069	0.0138
		21/02/22	R	0.07	6.5	1000	0.1	0.1	2.0	2.0	0.2	0.2	20.4	20.4	0.0065	0.0130
		07/03/22	R	43.64	7.8	1020	0.1	0.1	2.0	2.0	0.3	0.3	21.2	21.2	0.0078	0.0234
		22/03/22	R	24.03	2.9	1023	0.1	0.1	2.0	2.0	0.3	0.3	19.9	19.9	0.0029	0.0087
		05/04/22	F	19.67	1.0	1002	0.1	0.1	2.0	2.0	0.4	0.4	20.0	20.0	0.0010	0.0040
19/04/22	R	7.45	5.0	1011	0.1	0.1	2.0	2.0	0.4	0.4	15.3	20.1	0.0050	0.0200		
RBH-217	BL	13/01/22	S	36.54	9.3	1034	0.2	0.2	4.0	4.0	0.5	0.5	10.9	10.9	0.0186	0.0465
		25/01/22	S	43.09	11.0	1029	0.1	0.1	2.0	2.0	0.8	0.8	7.1	7.1	0.0110	0.0880
		09/02/22	S	51.08	12.9	1017	0.1	0.1	2.0	2.0	1.0	1.0	4.6	4.6	0.0129	0.1290
		22/02/22	R	55.25	13.2	1006	0.1	0.1	2.0	2.0	1.1	1.1	3.1	3.1	0.0132	0.1452
		08/03/22	R	64.14	15.3	1008	0.1	0.1	2.0	2.0	1.5	1.4	2.6	2.6	0.0153	0.2142
		23/03/22	R	43.90	10.4	1025	0.1	0.1	2.0	2.0	2.0	1.7	2.3	2.3	0.0104	0.1768
		06/04/22	F	34.71	8.7	988	0.1	0.1	2.0	2.0	2.0	1.9	2.5	2.5	0.0087	0.1653
19/04/22	R	14.57	1.2	1012	0.1	0.1	2.0	2.0	2.0	2.0	2.8	2.8	0.0012	0.0240		
RBH-218	BL	14/01/22	F	-0.05	2.5	1031	0.1	0.1	2.0	2.0	0.2	0.2	20.8	20.8	0.0025	0.0050
		25/01/22	S	-0.09	5.6	1029	0.2	0.1	4.0	2.0	5.9	5.2	12.0	12.3	0.0056	0.2912
		09/02/22	S	0.02	5.0	1017	0.1	0.1	2.0	2.0	6.1	5.6	10.5	10.7	0.0050	0.2800
		22/02/22	R	2.79	9.4	1007	0.1	0.1	2.0	2.0	6.5	6.5	7.8	7.8	0.0094	0.6110
		08/03/22	R	105.45	17.7	1008	0.1	0.1	2.0	2.0	7.6	7.6	6.4	6.4	0.0177	1.3452
		23/03/22	R	50.64	7.3	1025	0.1	0.1	2.0	2.0	7.9	7.9	2.2	2.2	0.0073	0.5767
		06/04/22	F	63.24	7.8	989	0.1	0.1	2.0	2.0	7.1	7.1	1.1	1.1	0.0078	0.5538
19/04/22	R	39.44	4.9	1012	0.1	0.1	2.0	2.0	6.8	6.8	1.0	1.0	0.0049	0.3332		
RBH-219	CB	12/01/22	R	0.02	0.2	1036	0.1	0.1	2.0	2.0	0.3	0.3	21.3	21.3	0.0002	0.0006
		24/01/22	F	-0.05	0.2	1029	0.1	0.1	2.0	2.0	0.3	0.3	21.1	21.2	0.0002	0.0006
		08/02/22	F	0.35	1.5	1020	0.1	0.1	2.0	2.0	0.5	0.5	20.4	20.4	0.0015	0.0075
		21/02/22	R	-0.02	2.9	1003	0.1	0.1	2.0	2.0	0.7	0.6	20.5	20.5	0.0029	0.0174
		07/03/22	R	0.60	3.6	1021	0.1	0.1	2.0	2.0	1.1	1.1	20.2	20.4	0.0036	0.0396
		22/03/22	R	1.38	0.2	1024	0.1	0.1	2.0	2.0	0.9	0.9	18.9	18.9	0.0002	0.0018
		05/04/22	F	0.21	2.8	1003	0.1	0.1	2.0	2.0	0.8	0.8	17.1	17.1	0.0028	0.0224
19/04/22	R	-0.07	0.2	1012	0.1	0.1	2.0	2.0	0.8	0.8	17.4	17.4	0.0002	0.0016		

Appendix D Waste Assessment

Waste Classification Report

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

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



PPFZ5-2EAD0-K37MO

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

Job name

21-88524_HWOL_Results

Description/Comments

Lab Cert 21-88524

Project

C-18843

Site

Huntingdon Road, Thrapston

Classified by

Name: **Nathan Thompson**
 Date: **20 Oct 2021 09:46 GMT**
 Telephone: **07557 345 513**

Company: **Hydrock Consultants Ltd**
Hawthorn Park
Holdenby Road, Spratton
Northampton
NN6 8LD

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

CERTIFIED

Course
 Hazardous Waste Classification

Date
 22 Apr 2021

Next 3 year Refresher due by Apr 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP-101--21062021-0.20		Non Hazardous		3
2	TP-101--21062021-0.50		Non Hazardous		6
3	TP-102--21062021-0.10		Non Hazardous		8
4	TP-103--30062021-0.10		Non Hazardous		10
5	TP-103--30062021-1.00		Non Hazardous		12
6	TP-103--30062021-2.20		Hazardous	HP 3(i), HP 7, HP 11	16
7	TP-104--02072021-0.20		Non Hazardous		19
8	TP-104--02072021-1.50		Non Hazardous		21
9	TP-105--02072021-0.30		Non Hazardous		24
10	TP-106--02072021-0.20		Non Hazardous		26
11	TP-107--30062021-0.20		Non Hazardous		28
12	TP-107--30062021-1.50		Non Hazardous		30
13	TP-108--02072021-0.20		Non Hazardous		33
14	TP-109--02072021-0.10		Non Hazardous		35
15	TP-110--15072021-0.10		Non Hazardous		37
16	TP-110--15072021-0.60		Non Hazardous		39
17	TP-110--15072021-1.50		Non Hazardous		42
18	TP-110--15072021-2.20		Non Hazardous		44
19	TP-111--02072021-0.20		Non Hazardous		48
20	TP-112--30062021-0.20		Non Hazardous		50
21	TP-113--02072021-0.10		Non Hazardous		52
22	TP-114--15072021-0.10		Non Hazardous		54
23	TP-114--15072021-0.80		Non Hazardous		57
24	TP-114--15072021-2.20		Non Hazardous		59
25	TP-115--15072021-0.10		Non Hazardous		63
26	TP-115--15072021-0.60		Non Hazardous		65
27	TP-118--15072021-0.10		Non Hazardous		68
28	TP-118--15072021-1.80		Non Hazardous		71
29	TP-120--30062021-0.10		Non Hazardous		75

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
30	TP-120--30062021-1.70		Non Hazardous		77
31	TP-121--02072021-0.20		Non Hazardous		79
32	TP-122--02072021-0.20		Non Hazardous		81
33	HP-101--14072021-0.40		Non Hazardous		84
34	HP-103--15072021-0.00		Non Hazardous		86
35	HP-104--15072021-0.00		Non Hazardous		88
36	HP-106--15072021-0.00		Non Hazardous		90
37	HP-106--15072021-0.28		Non Hazardous		92
38	HP-107--14072021-0.10		Non Hazardous		94
39	HP-108--14072021-0.30		Non Hazardous		96
40	HP-109--14072021-0.10		Non Hazardous		98
41	HP-111--12072021-0.00		Non Hazardous		100
42	HP-113--12072021-0.00		Non Hazardous		102
43	HP-113--12072021-0.80		Non Hazardous		104
44	HP-114--12072021-0.00		Non Hazardous		106
45	HP-116--12072021-0.00		Non Hazardous		109
46	HP-117--13072021-0.00		Non Hazardous		111
47	HP-118--13072021-0.16		Non Hazardous		113
48	HP-121--14072021-0.60		Non Hazardous		115
49	HP-122--14072021-0.60		Non Hazardous		118
50	HP-123--14072021-0.50		Non Hazardous		120
51	HP-124--14072021-0.50		Hazardous	HP 3(i), HP 7, HP 11	122
52	HP-126--14072021-0.20		Non Hazardous		125
53	HP-128--15072021-0.25		Non Hazardous		127
54	HP-129--16072021-0.00		Non Hazardous		129
55	HP-129--16072021-0.23		Non Hazardous		131
56	HP-130--15072021-0.00		Non Hazardous		133
57	HP-134--15072021-0.00		Non Hazardous		136
58	HP-134--15072021-0.78		Non Hazardous		138
59	HP-136--13072021-0.00		Non Hazardous		140
60	HP-137--13072021-0.12		Non Hazardous		142
61	RBH-115--13072021-0.20		Non Hazardous		145
62	RBH-116--14072021-0.10		Non Hazardous		149
63	RBH-116--14072021-0.80		Non Hazardous		152
64	CBH-101--22062021-2.00		Non Hazardous		156
65	CBH-101--22062021-4.00		Non Hazardous		158
66	CBH-104--23062021-7.00		Non Hazardous		162
67	CBH-109--05072021-2.00		Non Hazardous		166
68	CBH-110--07072021-5.00		Non Hazardous		168
69	CBH-110--07072021-6.50		Non Hazardous		172

Related documents

#	Name	Description
1	21-88524_HWOL_Results.hwol	.hwol file used to create the Job
2	Hydrock Standard plus Cresol (ammended Lead)	waste stream template used to create this Job


Report

Created by: Nathan Thompson

Created date: 20 Oct 2021 09:46 GMT

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Appendix B: Rationale for selection of metal species	179
Appendix C: Version	179

Classification of sample: TP-101--21062021-0.20

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

Sample details

Sample name:	LoW Code:	
TP-101--21062021-0.20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13% (wet weight correction)		

Hazard properties

None identified

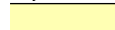



Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	22 mg/kg	1.32	25.271 mg/kg	0.00253 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.28 mg/kg		0.244 mg/kg	0.0000244 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.3 mg/kg		0.261 mg/kg	0.0000261 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.38 mg/kg		0.331 mg/kg	0.0000331 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.17 mg/kg		0.148 mg/kg	0.0000148 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1 mg/kg	2.775	2.415 mg/kg	0.000241 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2 mg/kg	13.43	23.368 mg/kg	0.00234 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		27 mg/kg	1.462	34.332 mg/kg	0.00343 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	0.26 mg/kg		0.226 mg/kg	0.0000226 %	✓	

#	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	copper { dicopper oxide; copper (I) oxide }				37	mg/kg	1.126	36.242	mg/kg	0.00362 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				0.31	mg/kg		0.27	mg/kg	0.000027 %	✓	
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	92	mg/kg		80.04	mg/kg	0.008 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				26	mg/kg	1.579	35.728	mg/kg	0.00357 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				0.36	mg/kg		0.313	mg/kg	0.0000313 %	✓	
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				25	mg/kg		21.75	mg/kg	0.00217 %	✓	
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				130	mg/kg	1.245	140.777	mg/kg	0.0141 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	77.656	mg/kg	0.00777 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0487 %		

Key

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

CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because **No free phase identified. Samples unlikely to be hazardous.**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00217%)

Classification of sample: TP-101--21062021-0.50

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

Sample details

Sample name: TP-101--21062021-0.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 9% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	21.627 mg/kg	0.00216 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1 mg/kg	2.775	2.526 mg/kg	0.000253 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	6.111 mg/kg	0.000611 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		29 mg/kg	1.462	38.57 mg/kg	0.00386 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	16.393 mg/kg	0.00164 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	16	mg/kg		14.56	mg/kg	0.00146 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				24	mg/kg	1.579	34.496	mg/kg	0.00345 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				75	mg/kg	1.245	84.952	mg/kg	0.0085 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	84.475	mg/kg	0.00845 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0312 %		

Key

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

Classification of sample: TP-102--21062021-0.10

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

Sample details

Sample name: TP-102--21062021-0.10	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	20.439 mg/kg	0.00204 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.864 mg/kg	0.000286 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.2 mg/kg	13.43	13.86 mg/kg	0.00139 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		35 mg/kg	1.462	43.993 mg/kg	0.0044 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	22 mg/kg	1.126	21.302 mg/kg	0.00213 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	30	mg/kg		25.8	mg/kg	0.00258 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				29	mg/kg	1.579	39.393	mg/kg	0.00394 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				81	mg/kg	1.245	86.707	mg/kg	0.00867 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				59	mg/kg	1.785	90.58	mg/kg	0.00906 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP-103--30062021-0.10

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

Sample details

Sample name: TP-103--30062021-0.10	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 15% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	22.446 mg/kg	0.00224 %	✔	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.067 mg/kg	0.000307 %	✔	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.1 mg/kg	13.43	23.973 mg/kg	0.0024 %	✔	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		36 mg/kg	1.462	44.724 mg/kg	0.00447 %	✔	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	21 mg/kg	1.126	20.097 mg/kg	0.00201 %	✔	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	35	mg/kg		29.75	mg/kg	0.00298 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				31	mg/kg	1.579	41.62	mg/kg	0.00416 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				92	mg/kg	1.245	97.337	mg/kg	0.00973 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				61	mg/kg	1.785	92.562	mg/kg	0.00926 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP-103--30062021-1.00

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

Sample details

Sample name: TP-103--30062021-1.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD	
		203-458-1, 200-863-5	107-06-2, 75-34-3								
2	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		201-469-6	83-32-9								
3	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
4	anthracene				0.11 mg/kg		0.0946 mg/kg	0.00000946 %	✓		
		204-371-1	120-12-7								
5	arsenic { arsenic trioxide }				12 mg/kg	1.32	13.626 mg/kg	0.00136 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
7	benzo[a]anthracene				0.68 mg/kg		0.585 mg/kg	0.0000585 %	✓		
	601-033-00-9	200-280-6	56-55-3								
8	benzo[a]pyrene; benzo[def]chrysene				0.58 mg/kg		0.499 mg/kg	0.0000499 %	✓		
	601-032-00-3	200-028-5	50-32-8								
9	benzo[b]fluoranthene				0.62 mg/kg		0.533 mg/kg	0.0000533 %	✓		
	601-034-00-4	205-911-9	205-99-2								
10	benzo[ghi]perylene				0.32 mg/kg		0.275 mg/kg	0.0000275 %	✓		
		205-883-8	191-24-2								
11	benzo[k]fluoranthene				0.34 mg/kg		0.292 mg/kg	0.0000292 %	✓		
	601-036-00-5	205-916-6	207-08-9								
12	beryllium { beryllium oxide }				0.93 mg/kg	2.775	2.22 mg/kg	0.000222 %	✓		
	004-003-00-8	215-133-1	1304-56-9								
13	boron { boron tribromide/trichloride/trifluoride (combined) }				1.2 mg/kg	13.43	13.86 mg/kg	0.00139 %	✓		
			10294-33-4, 10294-34-5, 7637-07-2								
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
	048-010-00-4	215-147-8	1306-23-6								
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				27 mg/kg	1.462	33.937 mg/kg	0.00339 %	✓		
		215-160-9	1308-38-9								
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
	024-001-00-0	215-607-8	1333-82-0								

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				0.53 mg/kg		0.456 mg/kg	0.0000456 %	✓	
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				14 mg/kg	1.126	13.556 mg/kg	0.00136 %	✓	
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				0.93 mg/kg		0.8 mg/kg	0.00008 %	✓	
23	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				0.26 mg/kg		0.224 mg/kg	0.0000224 %	✓	
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	16 mg/kg		13.76 mg/kg	0.00138 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001 mg/kg		<0.0001 mg/kg	<0.00000001 %		<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				24 mg/kg	1.579	32.601 mg/kg	0.00326 %	✓	
29	pH PH				8.2 pH		8.2 pH	8.2 pH		
30	phenanthrene 201-581-5 85-01-8				0.52 mg/kg		0.447 mg/kg	0.0000447 %	✓	
31	pyrene 204-927-3 129-00-0				0.92 mg/kg		0.791 mg/kg	0.0000791 %	✓	
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				23 mg/kg		19.78 mg/kg	0.00198 %	✓	
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				68 mg/kg	1.245	72.791 mg/kg	0.00728 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				39 mg/kg	1.785	59.875 mg/kg	0.00599 %	✓	
41	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %		<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 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]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
Total:								0.0288 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase identified. Samples unlikely to be hazardous.


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00198%)

Classification of sample: TP-103--30062021-2.20



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

Sample details

Sample name: TP-103--30062021-2.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	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 No free phase identified. Samples unlikely to be hazardous.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.131%)

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.: 0.131%)

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.: 0.131%)

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		0.92 mg/kg		0.8 mg/kg	0.00008 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.21 mg/kg		0.183 mg/kg	0.0000183 %	✓	
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		15 mg/kg	1.32	17.23 mg/kg	0.00172 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		1.6 mg/kg		1.392 mg/kg	0.000139 %	✓	


#	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	benzo[a]pyrene; benzo[def]chrysene				1.7	mg/kg		1.479	mg/kg	0.000148 %	✓	
	601-032-00-3	200-028-5	50-32-8									
8	benzo[b]fluoranthene				2.2	mg/kg		1.914	mg/kg	0.000191 %	✓	
	601-034-00-4	205-911-9	205-99-2									
9	benzo[ghi]perylene				1.1	mg/kg		0.957	mg/kg	0.0000957 %	✓	
		205-883-8	191-24-2									
10	benzo[k]fluoranthene				0.75	mg/kg		0.653	mg/kg	0.0000653 %	✓	
	601-036-00-5	205-916-6	207-08-9									
11	beryllium { beryllium oxide }				1.1	mg/kg	2.775	2.656	mg/kg	0.000266 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
12	boron { boron tribromide/trichloride/trifluoride (combined) }				0.6	mg/kg	13.43	7.01	mg/kg	0.000701 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2									
13	cadmium { cadmium sulfide }			1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28	mg/kg	1.462	35.603	mg/kg	0.00356 %	✓	
		215-160-9	1308-38-9									
15	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
16	chrysene				1.2	mg/kg		1.044	mg/kg	0.000104 %	✓	
	601-048-00-0	205-923-4	218-01-9									
17	copper { dicopper oxide; copper (I) oxide }				20	mg/kg	1.126	19.59	mg/kg	0.00196 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				0.24	mg/kg		0.209	mg/kg	0.0000209 %	✓	
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				1.7	mg/kg		1.479	mg/kg	0.000148 %	✓	
		205-912-4	206-44-0									
22	fluorene				0.73	mg/kg		0.635	mg/kg	0.0000635 %	✓	
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				0.85	mg/kg		0.74	mg/kg	0.000074 %	✓	
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	46	mg/kg		40.02	mg/kg	0.004 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				0.8	mg/kg		0.696	mg/kg	0.0000696 %	✓	
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				23	mg/kg	1.579	31.606	mg/kg	0.00316 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
29	phenanthrene				1.2	mg/kg		1.044	mg/kg	0.000104 %	✓	
		201-581-5	85-01-8									
30	pyrene				1.7	mg/kg		1.479	mg/kg	0.000148 %	✓	
		204-927-3	129-00-0									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD	
	034-002-00-8										
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	TPH (C6 to C40) petroleum group				1500 mg/kg		1305 mg/kg	0.131 %	✓		
			TPH								
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	zinc { zinc oxide }				94 mg/kg	1.245	101.793 mg/kg	0.0102 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				52 mg/kg	1.785	80.762 mg/kg	0.00808 %	✓		
	023-001-00-8	215-239-8	1314-62-1								
38	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
			P1186								
Total:									0.166 %		

Key

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

Classification of sample: TP-104--02072021-0.20

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

Sample details

Sample name:	LoW Code:
TP-104--02072021-0.20	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
11% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		18 mg/kg	1.32	21.152 mg/kg	0.00212 %	✓	
5	benzo[a]anthracene	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	215-133-1	1304-56-9		1.2 mg/kg	2.775	2.964 mg/kg	0.000296 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.8 mg/kg	13.43	21.515 mg/kg	0.00215 %	✓	
12	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		35 mg/kg	1.462	45.527 mg/kg	0.00455 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	215-270-7	1317-39-1		20 mg/kg	1.126	20.041 mg/kg	0.002 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	33	mg/kg		29.37	mg/kg	0.00294 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				28	mg/kg	1.579	39.361	mg/kg	0.00394 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				88	mg/kg	1.245	97.486	mg/kg	0.00975 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				59	mg/kg	1.785	93.74	mg/kg	0.00937 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0379 %		

Key

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

Classification of sample: TP-104--02072021-1.50

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

Sample details

Sample name:	LoW Code:	
TP-104--02072021-1.50	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16% (wet weight correction)		

Hazard properties

None identified





Determinands

Moisture content: 16% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	16.636 mg/kg	0.00166 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.031 mg/kg	0.000303 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.8 mg/kg	13.43	9.025 mg/kg	0.000902 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		40 mg/kg	1.462	49.108 mg/kg	0.00491 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
17	copper { dicopper oxide; copper (I) oxide }				21	mg/kg	1.126	19.861	mg/kg	0.00199 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		21.84	mg/kg	0.00218 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				31	mg/kg	1.579	41.13	mg/kg	0.00411 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8	pH		8	pH	8pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				88	mg/kg	1.245	92.009	mg/kg	0.0092 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				60	mg/kg	1.785	89.973	mg/kg	0.009 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0361 %		

Key

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

Classification of sample: TP-105--02072021-0.30

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

Sample details

Sample name: TP-105--02072021-0.30	LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	20.676 mg/kg	0.00207 %	✔		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.897 mg/kg	0.00029 %	✔		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.3 mg/kg	13.43	15.189 mg/kg	0.00152 %	✔		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		36 mg/kg	1.462	45.776 mg/kg	0.00458 %	✔		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	21 mg/kg	1.126	20.57 mg/kg	0.00206 %	✔		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	36	mg/kg		31.32	mg/kg	0.00313 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				31	mg/kg	1.579	42.599	mg/kg	0.00426 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				88	mg/kg	1.245	95.295	mg/kg	0.00953 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				62	mg/kg	1.785	96.293	mg/kg	0.00963 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0379 %		

Key

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

Classification of sample: TP-106--02072021-0.20

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

Sample details

Sample name: TP-106--02072021-0.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.1 mg/kg		0.087 mg/kg	0.0000087 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	38 mg/kg	1.32	43.65 mg/kg	0.00436 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.8 mg/kg		0.696 mg/kg	0.0000696 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.71 mg/kg		0.618 mg/kg	0.0000618 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.87 mg/kg		0.757 mg/kg	0.0000757 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		0.49 mg/kg		0.426 mg/kg	0.0000426 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.44 mg/kg		0.383 mg/kg	0.0000383 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.8 mg/kg	2.775	4.346 mg/kg	0.000435 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.6 mg/kg	13.43	18.695 mg/kg	0.00187 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		85 mg/kg	1.462	108.082 mg/kg	0.0108 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.62 mg/kg		0.539 mg/kg	0.0000539 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	15.672 mg/kg	0.00157 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				1	mg/kg		0.87	mg/kg	0.000087 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				0.32	mg/kg		0.278	mg/kg	0.0000278 %	✓	
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	54	mg/kg		46.98	mg/kg	0.0047 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				32	mg/kg	1.579	43.973	mg/kg	0.0044 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				0.51	mg/kg		0.444	mg/kg	0.0000444 %	✓	
		201-581-5	85-01-8									
28	pyrene				0.99	mg/kg		0.861	mg/kg	0.0000861 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				160	mg/kg	1.245	173.264	mg/kg	0.0173 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				160	mg/kg	1.785	248.498	mg/kg	0.0248 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0717 %		

Key

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

Classification of sample: TP-107--30062021-0.20

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

Sample details

Sample name: TP-107--30062021-0.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 19% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	21.389 mg/kg	0.00214 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	2.922 mg/kg	0.000292 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1 mg/kg	13.43	10.878 mg/kg	0.00109 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		37 mg/kg	1.462	43.803 mg/kg	0.00438 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19 mg/kg	1.126	17.327 mg/kg	0.00173 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	30	mg/kg		24.3	mg/kg	0.00243 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				30	mg/kg	1.579	38.382	mg/kg	0.00384 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				88	mg/kg	1.245	88.723	mg/kg	0.00887 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				68	mg/kg	1.785	98.328	mg/kg	0.00983 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0354 %		

Key

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

Classification of sample: TP-107--30062021-1.50

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

Sample details

Sample name:	LoW Code:
TP-107--30062021-1.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16% (wet weight correction)	

Hazard properties

None identified





Determinands

Moisture content: 16% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		18 mg/kg	1.32	19.963 mg/kg	0.002 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		1.1 mg/kg	2.775	2.564 mg/kg	0.000256 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.1 mg/kg	13.43	12.409 mg/kg	0.00124 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		32 mg/kg	1.462	39.287 mg/kg	0.00393 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
17	copper { dicopper oxide; copper (I) oxide }				15	mg/kg	1.126	14.186	mg/kg	0.00142 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		21.84	mg/kg	0.00218 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				25	mg/kg	1.579	33.169	mg/kg	0.00332 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				82	mg/kg	1.245	85.736	mg/kg	0.00857 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				57	mg/kg	1.785	85.475	mg/kg	0.00855 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0333 %		

Key

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

Classification of sample: TP-108--02072021-0.20

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

Sample details

Sample name:	LoW Code:
TP-108--02072021-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	21 mg/kg	1.32	23.291 mg/kg	0.00233 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.798 mg/kg	0.00028 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.641 mg/kg	0.000564 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		25 mg/kg	1.462	30.693 mg/kg	0.00307 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	18 mg/kg	1.126	17.023 mg/kg	0.0017 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	22	mg/kg		18.48	mg/kg	0.00185 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				26	mg/kg	1.579	34.496	mg/kg	0.00345 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				72	mg/kg	1.245	75.28	mg/kg	0.00753 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				48	mg/kg	1.785	71.979	mg/kg	0.0072 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0288 %		

Key

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

Classification of sample: TP-109--02072021-0.10

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

Sample details

Sample name:	LoW Code:
TP-109--02072021-0.10	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
12% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	28 mg/kg	1.32	32.533 mg/kg	0.00325 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.419 mg/kg	0.000342 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.909 mg/kg	0.000591 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		36 mg/kg	1.462	46.302 mg/kg	0.00463 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	15.853 mg/kg	0.00159 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	22	mg/kg		19.36	mg/kg	0.00194 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				35	mg/kg	1.579	48.649	mg/kg	0.00486 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				93	mg/kg	1.245	101.867	mg/kg	0.0102 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				67	mg/kg	1.785	105.255	mg/kg	0.0105 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0387 %		

Key

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

Classification of sample: TP-110--15072021-0.10

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

Sample details

Sample name:	LoW Code:
TP-110--15072021-0.10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15% (wet weight correction)	

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	17.956 mg/kg	0.0018 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.92 mg/kg	2.775	2.17 mg/kg	0.000217 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.7 mg/kg	13.43	7.991 mg/kg	0.000799 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		25 mg/kg	1.462	31.058 mg/kg	0.00311 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	15.312 mg/kg	0.00153 %	✓	

#	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	13 mg/kg		11.05 mg/kg	0.00111 %		✓	
	082-001-00-6										
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
25	nickel { nickel dihydroxide }				29 mg/kg	1.579	38.935 mg/kg	0.00389 %		✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
26	pH				7.9 pH		7.9 pH	7.9 pH			
			PH								
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
	034-002-00-8										
30	zinc { zinc oxide }				69 mg/kg	1.245	73.002 mg/kg	0.0073 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				37 mg/kg	1.785	56.144 mg/kg	0.00561 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
32	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
Total:									0.0262 %		

Key

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

Classification of sample: TP-110--15072021-0.60

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

Sample details

Sample name:	LoW Code:
TP-110--15072021-0.60	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13% (wet weight correction)	

Hazard properties

None identified





Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	22.974 mg/kg	0.0023 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.139 mg/kg	0.000314 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.1 mg/kg	13.43	12.853 mg/kg	0.00129 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		35 mg/kg	1.462	44.504 mg/kg	0.00445 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
17	copper { dicopper oxide; copper (I) oxide }				21	mg/kg	1.126	20.57	mg/kg	0.00206 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	49	mg/kg		42.63	mg/kg	0.00426 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				30	mg/kg	1.579	41.225	mg/kg	0.00412 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				94	mg/kg	1.245	101.793	mg/kg	0.0102 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				62	mg/kg	1.785	96.293	mg/kg	0.00963 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0404 %		

Key

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

Classification of sample: TP-110--15072021-1.50

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

Sample details

Sample name: TP-110--15072021-1.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	22 mg/kg	1.32	24.981 mg/kg	0.0025 %	✔	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.342 mg/kg	0.000334 %	✔	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.5 mg/kg	13.43	28.874 mg/kg	0.00289 %	✔	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		37 mg/kg	1.462	46.507 mg/kg	0.00465 %	✔	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	26 mg/kg	1.126	25.175 mg/kg	0.00252 %	✔	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	34	mg/kg		29.24	mg/kg	0.00292 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				31	mg/kg	1.579	42.109	mg/kg	0.00421 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				100	mg/kg	1.245	107.045	mg/kg	0.0107 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				55	mg/kg	1.785	84.439	mg/kg	0.00844 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.04 %		

Key

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

Classification of sample: TP-110--15072021-2.20

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

Sample details

Sample name: TP-110--15072021-2.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
2	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
5	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	18.379 mg/kg	0.00184 %	✓	
6	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
7	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.29 mg/kg		0.252 mg/kg	0.0000252 %	✓	
8	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.27 mg/kg		0.235 mg/kg	0.0000235 %	✓	
9	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.31 mg/kg		0.27 mg/kg	0.000027 %	✓	
10	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.21 mg/kg		0.183 mg/kg	0.0000183 %	✓	
12	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.91 mg/kg	2.775	2.197 mg/kg	0.00022 %	✓	
13	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.2 mg/kg	13.43	25.705 mg/kg	0.00257 %	✓	
14	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		25 mg/kg	1.462	31.789 mg/kg	0.00318 %	✓	
16	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<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	chrysene 601-048-00-0 205-923-4 218-01-9				0.27 mg/kg		0.235 mg/kg	0.0000235 %	✓	
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				15 mg/kg	1.126	14.693 mg/kg	0.00147 %	✓	
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				0.43 mg/kg		0.374 mg/kg	0.0000374 %	✓	
23	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	21 mg/kg		18.27 mg/kg	0.00183 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001 mg/kg		<0.0001 mg/kg	<0.00000001 %		<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				24 mg/kg	1.579	32.98 mg/kg	0.0033 %	✓	
29	pH PH				7.9 pH		7.9 pH	7.9 pH		
30	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	pyrene 204-927-3 129-00-0				0.43 mg/kg		0.374 mg/kg	0.0000374 %	✓	
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				71 mg/kg	1.245	76.886 mg/kg	0.00769 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				42 mg/kg	1.785	65.231 mg/kg	0.00652 %	✓	
41	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %		<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 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]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP-111--02072021-0.20

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

Sample details

Sample name: TP-111--02072021-0.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 15% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	22.446 mg/kg	0.00224 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.831 mg/kg	0.000283 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.6 mg/kg	13.43	18.265 mg/kg	0.00183 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		35 mg/kg	1.462	43.481 mg/kg	0.00435 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	21 mg/kg	1.126	20.097 mg/kg	0.00201 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	33	mg/kg		28.05	mg/kg	0.00281 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				31	mg/kg	1.579	41.62	mg/kg	0.00416 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				85	mg/kg	1.245	89.931	mg/kg	0.00899 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				60	mg/kg	1.785	91.044	mg/kg	0.0091 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0366 %		

Key

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

Classification of sample: TP-112--30062021-0.20

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

Sample details

Sample name: TP-112--30062021-0.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 15% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	15.712 mg/kg	0.00157 %	✔		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1 mg/kg	2.775	2.359 mg/kg	0.000236 %	✔		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.6 mg/kg	13.43	18.265 mg/kg	0.00183 %	✔		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		29 mg/kg	1.462	36.027 mg/kg	0.0036 %	✔		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	15.312 mg/kg	0.00153 %	✔		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	28	mg/kg		23.8	mg/kg	0.00238 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				24	mg/kg	1.579	32.222	mg/kg	0.00322 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				68	mg/kg	1.245	71.944	mg/kg	0.00719 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				49	mg/kg	1.785	74.353	mg/kg	0.00744 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0298 %		

Key

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

Classification of sample: TP-113--02072021-0.10

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

Sample details

Sample name: TP-113--02072021-0.10	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 15% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified


Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	17.956 mg/kg	0.0018 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.97 mg/kg	2.775	2.288 mg/kg	0.000229 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	10.274 mg/kg	0.00103 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		29 mg/kg	1.462	36.027 mg/kg	0.0036 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17 mg/kg	1.126	16.269 mg/kg	0.00163 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	32	mg/kg		27.2	mg/kg	0.00272 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				20	mg/kg	1.579	26.851	mg/kg	0.00269 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.6	pH		7.6	pH	7.6 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				78	mg/kg	1.245	82.525	mg/kg	0.00825 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				51	mg/kg	1.785	77.388	mg/kg	0.00774 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0305 %		

Key

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

Classification of sample: TP-114--15072021-0.10

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

Sample details

Sample name:	LoW Code:
TP-114--15072021-0.10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13% (wet weight correction)	

Hazard properties

None identified

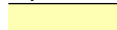



Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	22.974 mg/kg	0.0023 %	✓		
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1 mg/kg	2.775	2.415 mg/kg	0.000241 %	✓		
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.5 mg/kg	13.43	17.526 mg/kg	0.00175 %	✓		
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		29 mg/kg	1.462	36.875 mg/kg	0.00369 %	✓		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
17	copper { dicopper oxide; copper (I) oxide }				15	mg/kg	1.126	14.693	mg/kg	0.00147 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		22.62	mg/kg	0.00226 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				24	mg/kg	1.579	32.98	mg/kg	0.0033 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8	pH		8	pH	8pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				77	mg/kg	1.245	83.383	mg/kg	0.00834 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				53	mg/kg	1.785	82.315	mg/kg	0.00823 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0334 %		

Key

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

Classification of sample: TP-114--15072021-0.80

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

Sample details

Sample name:	LoW Code:
TP-114--15072021-0.80	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
8.2% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.2% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	24.241 mg/kg	0.00242 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.35 mg/kg		0.321 mg/kg	0.0000321 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.26 mg/kg		0.239 mg/kg	0.0000239 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.27 mg/kg		0.248 mg/kg	0.0000248 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.19 mg/kg		0.174 mg/kg	0.0000174 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.92 mg/kg	2.775	2.344 mg/kg	0.000234 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.6 mg/kg	13.43	7.397 mg/kg	0.00074 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		21 mg/kg	1.462	28.176 mg/kg	0.00282 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.27 mg/kg		0.248 mg/kg	0.0000248 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	9.3 mg/kg	1.126	9.612 mg/kg	0.000961 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				0.55	mg/kg		0.505	mg/kg	0.0000505 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	14	mg/kg		12.852	mg/kg	0.00129 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				20	mg/kg	1.579	29	mg/kg	0.0029 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.4	pH		8.4	pH	8.4 pH		
			PH									
27	phenanthrene				0.31	mg/kg		0.285	mg/kg	0.0000285 %	✓	
		201-581-5	85-01-8									
28	pyrene				0.53	mg/kg		0.487	mg/kg	0.0000487 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				59	mg/kg	1.245	67.416	mg/kg	0.00674 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	67.191	mg/kg	0.00672 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0258 %		

Key

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

Classification of sample: TP-114--15072021-2.20

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

Sample details

Sample name: TP-114--15072021-2.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
2	acenaphthene				0.74 mg/kg		0.636 mg/kg	0.0000636 %	✓	
		201-469-6	83-32-9							
3	acenaphthylene				0.69 mg/kg		0.593 mg/kg	0.0000593 %	✓	
		205-917-1	208-96-8							
4	anthracene				3.8 mg/kg		3.268 mg/kg	0.000327 %	✓	
		204-371-1	120-12-7							
5	arsenic { arsenic trioxide }				24 mg/kg	1.32	27.252 mg/kg	0.00273 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
7	benzo[a]anthracene				14 mg/kg		12.04 mg/kg	0.0012 %	✓	
	601-033-00-9	200-280-6	56-55-3							
8	benzo[a]pyrene; benzo[def]chrysene				14 mg/kg		12.04 mg/kg	0.0012 %	✓	
	601-032-00-3	200-028-5	50-32-8							
9	benzo[b]fluoranthene				17 mg/kg		14.62 mg/kg	0.00146 %	✓	
	601-034-00-4	205-911-9	205-99-2							
10	benzo[ghi]perylene				7.5 mg/kg		6.45 mg/kg	0.000645 %	✓	
		205-883-8	191-24-2							
11	benzo[k]fluoranthene				5.6 mg/kg		4.816 mg/kg	0.000482 %	✓	
	601-036-00-5	205-916-6	207-08-9							
12	beryllium { beryllium oxide }				1.5 mg/kg	2.775	3.58 mg/kg	0.000358 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
13	boron { boron tribromide/trichloride/trifluoride (combined) }				2.2 mg/kg	13.43	25.41 mg/kg	0.00254 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2							
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				33 mg/kg	1.462	41.479 mg/kg	0.00415 %	✓	
		215-160-9	1308-38-9							
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				12	mg/kg		10.32	mg/kg	0.00103 %	✓	
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				28	mg/kg	1.126	27.111	mg/kg	0.00271 %	✓	
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				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				1.7	mg/kg		1.462	mg/kg	0.000146 %	✓	
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				25	mg/kg		21.5	mg/kg	0.00215 %	✓	
23	fluorene 201-695-5 86-73-7				1.2	mg/kg		1.032	mg/kg	0.000103 %	✓	
24	indeno[123-cd]pyrene 205-893-2 193-39-5				6.8	mg/kg		5.848	mg/kg	0.000585 %	✓	
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	53	mg/kg		45.58	mg/kg	0.00456 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				0.33	mg/kg		0.284	mg/kg	0.0000284 %	✓	
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				22	mg/kg	1.579	29.884	mg/kg	0.00299 %	✓	
29	pH PH				8.2	pH		8.2	pH	8.2 pH		
30	phenanthrene 201-581-5 85-01-8				13	mg/kg		11.18	mg/kg	0.00112 %	✓	
31	pyrene 204-927-3 129-00-0				22	mg/kg		18.92	mg/kg	0.00189 %	✓	
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				510	mg/kg		438.6	mg/kg	0.0439 %	✓	
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				120	mg/kg	1.245	128.454	mg/kg	0.0128 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				61	mg/kg	1.785	93.651	mg/kg	0.00937 %	✓	
41	monohydric phenols P1186				<1	mg/kg		<1	mg/kg	<0.0001 %		<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
Total:								0.0993 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase identified. Samples unlikely to be hazardous.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0439%)

Classification of sample: TP-115--15072021-0.10

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

Sample details

Sample name:	LoW Code:
TP-115--15072021-0.10	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
14% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	21 mg/kg	1.32	23.845 mg/kg	0.00238 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.864 mg/kg	0.000286 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.1 mg/kg	13.43	12.705 mg/kg	0.00127 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		33 mg/kg	1.462	41.479 mg/kg	0.00415 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	15 mg/kg	1.126	14.524 mg/kg	0.00145 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	29	mg/kg		24.94	mg/kg	0.00249 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				26	mg/kg	1.579	35.318	mg/kg	0.00353 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				85	mg/kg	1.245	90.989	mg/kg	0.0091 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				63	mg/kg	1.785	96.721	mg/kg	0.00967 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0351 %		

Key

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

Classification of sample: TP-115--15072021-0.60

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

Sample details

Sample name:	LoW Code:	
TP-115--15072021-0.60	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10% (wet weight correction)		

Hazard properties

None identified





Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	24 mg/kg	1.32	28.519 mg/kg	0.00285 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.748 mg/kg	0.000275 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	6.044 mg/kg	0.000604 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		31 mg/kg	1.462	40.777 mg/kg	0.00408 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
17	copper { dicopper oxide; copper (I) oxide }				11	mg/kg	1.126	11.146	mg/kg	0.00111 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	13	mg/kg		11.7	mg/kg	0.00117 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				28	mg/kg	1.579	39.803	mg/kg	0.00398 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8	pH		8	pH	8pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				77	mg/kg	1.245	86.259	mg/kg	0.00863 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				58	mg/kg	1.785	93.187	mg/kg	0.00932 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0338 %		

Key

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

Classification of sample: TP-118--15072021-0.10

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

Sample details

Sample name:	LoW Code:
TP-118--15072021-0.10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12% (wet weight correction)	

Hazard properties

None identified

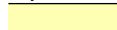



Determinands

Moisture content: 12% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		20 mg/kg	1.32	23.238 mg/kg	0.00232 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		1.2 mg/kg	2.775	2.931 mg/kg	0.000293 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	10.637 mg/kg	0.00106 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		34 mg/kg	1.462	43.73 mg/kg	0.00437 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
17	copper { dicopper oxide; copper (I) oxide }				18	mg/kg	1.126	17.834	mg/kg	0.00178 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	22	mg/kg		19.36	mg/kg	0.00194 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				32	mg/kg	1.579	44.479	mg/kg	0.00445 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.4	pH		8.4	pH	8.4 pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				90	mg/kg	1.245	98.581	mg/kg	0.00986 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				58	mg/kg	1.785	91.116	mg/kg	0.00911 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.037 %		

Key

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

Classification of sample: TP-118--15072021-1.80

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

Sample details

Sample name:	LoW Code:	
TP-118--15072021-1.80	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (wet weight correction)		

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
2	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
3	acenaphthylene				0.2 mg/kg		0.178 mg/kg	0.0000178 %	✓	
		205-917-1	208-96-8							
4	anthracene				0.66 mg/kg		0.587 mg/kg	0.0000587 %	✓	
		204-371-1	120-12-7							
5	arsenic { arsenic trioxide }				44 mg/kg	1.32	51.704 mg/kg	0.00517 %	✓	
		033-003-00-0 215-481-4	1327-53-3							
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8 200-753-7	71-43-2							
7	benzo[a]anthracene				3.9 mg/kg		3.471 mg/kg	0.000347 %	✓	
		601-033-00-9 200-280-6	56-55-3							
8	benzo[a]pyrene; benzo[def]chrysene				4 mg/kg		3.56 mg/kg	0.000356 %	✓	
		601-032-00-3 200-028-5	50-32-8							
9	benzo[b]fluoranthene				4.5 mg/kg		4.005 mg/kg	0.0004 %	✓	
		601-034-00-4 205-911-9	205-99-2							
10	benzo[ghi]perylene				2.4 mg/kg		2.136 mg/kg	0.000214 %	✓	
		205-883-8	191-24-2							
11	benzo[k]fluoranthene				1.9 mg/kg		1.691 mg/kg	0.000169 %	✓	
		601-036-00-5 205-916-6	207-08-9							
12	beryllium { beryllium oxide }				2.3 mg/kg	2.775	5.681 mg/kg	0.000568 %	✓	
		004-003-00-8 215-133-1	1304-56-9							
13	boron { boron tribromide/trichloride/trifluoride (combined) }				1.5 mg/kg	13.43	17.929 mg/kg	0.00179 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2							
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
		048-010-00-4 215-147-8	1306-23-6							
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				66 mg/kg	1.462	85.852 mg/kg	0.00859 %	✓	
		215-160-9	1308-38-9							
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
		024-001-00-0 215-607-8	1333-82-0							

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				2.9	mg/kg		2.581	mg/kg	0.000258 %	✓	
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				67	mg/kg	1.126	67.137	mg/kg	0.00671 %	✓	
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				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				0.56	mg/kg		0.498	mg/kg	0.0000498 %	✓	
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				5.5	mg/kg		4.895	mg/kg	0.000489 %	✓	
23	fluorene 201-695-5 86-73-7				0.2	mg/kg		0.178	mg/kg	0.0000178 %	✓	
24	indeno[123-cd]pyrene 205-893-2 193-39-5				1.9	mg/kg		1.691	mg/kg	0.000169 %	✓	
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	180	mg/kg		160.2	mg/kg	0.016 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001	mg/kg		<0.0001	mg/kg	<0.00000001 %		<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				39	mg/kg	1.579	54.824	mg/kg	0.00548 %	✓	
29	pH PH				8.6	pH		8.6	pH	8.6 pH		
30	phenanthrene 201-581-5 85-01-8				2.6	mg/kg		2.314	mg/kg	0.000231 %	✓	
31	pyrene 204-927-3 129-00-0				5.2	mg/kg		4.628	mg/kg	0.000463 %	✓	
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				340	mg/kg		302.6	mg/kg	0.0303 %	✓	
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				250	mg/kg	1.245	276.949	mg/kg	0.0277 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				130	mg/kg	1.785	206.546	mg/kg	0.0207 %	✓	
41	monohydric phenols P1186				<1	mg/kg		<1	mg/kg	<0.0001 %		<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
72	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
73	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
74	tert-butylbenzene	202-632-4	98-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
75	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
76	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
77	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
78	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
79	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
80	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
83	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
Total:								0.127 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase identified. Samples unlikely to be hazardous.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0303%)

Classification of sample: TP-120--30062021-0.10

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

Sample details

Sample name:	LoW Code:
TP-120--30062021-0.10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15% (wet weight correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	22.446 mg/kg	0.00224 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.067 mg/kg	0.000307 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.3 mg/kg	13.43	14.84 mg/kg	0.00148 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		32 mg/kg	1.462	39.754 mg/kg	0.00398 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	15.312 mg/kg	0.00153 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	19	mg/kg		16.15	mg/kg	0.00161 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				31	mg/kg	1.579	41.62	mg/kg	0.00416 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				78	mg/kg	1.245	82.525	mg/kg	0.00825 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				53	mg/kg	1.785	80.423	mg/kg	0.00804 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0324 %		

Key

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

Classification of sample: TP-120--30062021-1.70

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

Sample details

Sample name: TP-120--30062021-1.70	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified


Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	20.439 mg/kg	0.00204 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.625 mg/kg	0.000263 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.8 mg/kg	13.43	9.24 mg/kg	0.000924 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		31 mg/kg	1.462	38.965 mg/kg	0.0039 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19 mg/kg	1.126	18.397 mg/kg	0.00184 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	37	mg/kg		31.82	mg/kg	0.00318 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				25	mg/kg	1.579	33.959	mg/kg	0.0034 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.4	pH		7.4	pH	7.4 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				79	mg/kg	1.245	84.566	mg/kg	0.00846 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				57	mg/kg	1.785	87.51	mg/kg	0.00875 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0336 %		

Key

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

Classification of sample: TP-121--02072021-0.20

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

Sample details

Sample name:	LoW Code:
TP-121--02072021-0.20	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
10% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	17.824 mg/kg	0.00178 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.9 mg/kg	2.775	2.248 mg/kg	0.000225 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	6.044 mg/kg	0.000604 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		26 mg/kg	1.462	34.2 mg/kg	0.00342 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	16.213 mg/kg	0.00162 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	30	mg/kg		27	mg/kg	0.0027 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				19	mg/kg	1.579	27.009	mg/kg	0.0027 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.7	pH		8.7	pH	8.7 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				72	mg/kg	1.245	80.657	mg/kg	0.00807 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				48	mg/kg	1.785	77.12	mg/kg	0.00771 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0296 %		

Key

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

Classification of sample: TP-122--02072021-0.20

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

Sample details

Sample name:	LoW Code:
TP-122--02072021-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (wet weight correction)	

Hazard properties

None identified





Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	21 mg/kg	1.32	24.677 mg/kg	0.00247 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.24 mg/kg		0.214 mg/kg	0.0000214 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.98 mg/kg	2.775	2.421 mg/kg	0.000242 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.7 mg/kg	13.43	8.367 mg/kg	0.000837 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		30 mg/kg	1.462	39.024 mg/kg	0.0039 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	0.24 mg/kg		0.214 mg/kg	0.0000214 %	✓	

#	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	copper { dicopper oxide; copper (I) oxide }				26	mg/kg	1.126	26.053	mg/kg	0.00261 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				0.38	mg/kg		0.338	mg/kg	0.0000338 %	✓	
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	55	mg/kg		48.95	mg/kg	0.0049 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				27	mg/kg	1.579	37.955	mg/kg	0.0038 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
29	phenanthrene				0.27	mg/kg		0.24	mg/kg	0.000024 %	✓	
		201-581-5	85-01-8									
30	pyrene				0.49	mg/kg		0.436	mg/kg	0.0000436 %	✓	
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				89	mg/kg	1.245	98.594	mg/kg	0.00986 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				51	mg/kg	1.785	81.03	mg/kg	0.0081 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0386 %		

Key

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

Classification of sample: HP-101--14072021-0.40

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

Sample details

Sample name: HP-101--14072021-0.40	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 12% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		201-469-6	83-32-9								
2	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
3	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		204-371-1	120-12-7								
4	arsenic { arsenic trioxide }				14 mg/kg	1.32	16.266 mg/kg	0.00163 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
5	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
6	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
7	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
8	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
9	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
10	beryllium { beryllium oxide }				0.88 mg/kg	2.775	2.149 mg/kg	0.000215 %	✓		
	004-003-00-8	215-133-1	1304-56-9								
11	boron { boron tribromide/trichloride/trifluoride (combined) }				0.5 mg/kg	13.43	5.909 mg/kg	0.000591 %	✓		
			10294-33-4, 10294-34-5, 7637-07-2								
12	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
	048-010-00-4	215-147-8	1306-23-6								
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				25 mg/kg	1.462	32.154 mg/kg	0.00322 %	✓		
		215-160-9	1308-38-9								
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
	024-001-00-0	215-607-8	1333-82-0								
15	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
16	copper { dicopper oxide; copper (I) oxide }				12 mg/kg	1.126	11.889 mg/kg	0.00119 %	✓		
	029-002-00-X	215-270-7	1317-39-1								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	12	mg/kg		10.56	mg/kg	0.00106 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				28	mg/kg	1.579	38.919	mg/kg	0.00389 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				58	mg/kg	1.245	63.53	mg/kg	0.00635 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	64.409	mg/kg	0.00644 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0254 %		

Key

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

Classification of sample: HP-103--15072021-0.00

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

Sample details

Sample name: HP-103--15072021-0.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	16.082 mg/kg	0.00161 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.96 mg/kg	2.775	2.318 mg/kg	0.000232 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.5 mg/kg	13.43	17.526 mg/kg	0.00175 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		27 mg/kg	1.462	34.332 mg/kg	0.00343 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17 mg/kg	1.126	16.652 mg/kg	0.00167 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	23	mg/kg		20.01	mg/kg	0.002 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				21	mg/kg	1.579	28.857	mg/kg	0.00289 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.6	pH		7.6	pH	7.6 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				66	mg/kg	1.245	71.471	mg/kg	0.00715 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				43	mg/kg	1.785	66.784	mg/kg	0.00668 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0282 %		

Key

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

Classification of sample: HP-104--15072021-0.00

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

Sample details

Sample name: HP-104--15072021-0.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	22 mg/kg	1.32	24.981 mg/kg	0.0025 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.5 mg/kg	2.775	3.58 mg/kg	0.000358 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.8 mg/kg	13.43	9.24 mg/kg	0.000924 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		39 mg/kg	1.462	49.021 mg/kg	0.0049 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17 mg/kg	1.126	16.46 mg/kg	0.00165 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		22.36	mg/kg	0.00224 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				32	mg/kg	1.579	43.468	mg/kg	0.00435 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				88	mg/kg	1.245	94.2	mg/kg	0.00942 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				65	mg/kg	1.785	99.792	mg/kg	0.00998 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0371 %		

Key

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

Classification of sample: HP-106--15072021-0.00

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

Sample details

Sample name: HP-106--15072021-0.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 21% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	16.689 mg/kg	0.00167 %	✔	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	2.2 mg/kg	2.775	4.824 mg/kg	0.000482 %	✔	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.1 mg/kg	13.43	22.28 mg/kg	0.00223 %	✔	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		37 mg/kg	1.462	42.721 mg/kg	0.00427 %	✔	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	25 mg/kg	1.126	22.236 mg/kg	0.00222 %	✔	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		20.54	mg/kg	0.00205 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				34	mg/kg	1.579	42.425	mg/kg	0.00424 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				76	mg/kg	1.245	74.733	mg/kg	0.00747 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				63	mg/kg	1.785	88.849	mg/kg	0.00888 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0343 %		

Key

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

Classification of sample: HP-106--15072021-0.28

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

Sample details

Sample name: HP-106--15072021-0.28	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		201-469-6	83-32-9								
2	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
3	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		204-371-1	120-12-7								
4	arsenic { arsenic trioxide }				19 mg/kg	1.32	21.825 mg/kg	0.00218 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
5	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
6	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
7	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
8	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
9	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
10	beryllium { beryllium oxide }				1.3 mg/kg	2.775	3.139 mg/kg	0.000314 %	✓		
	004-003-00-8	215-133-1	1304-56-9								
11	boron { boron tribromide/trichloride/trifluoride (combined) }				2 mg/kg	13.43	23.368 mg/kg	0.00234 %	✓		
			10294-33-4, 10294-34-5, 7637-07-2								
12	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
	048-010-00-4	215-147-8	1306-23-6								
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22 mg/kg	1.462	27.974 mg/kg	0.0028 %	✓		
		215-160-9	1308-38-9								
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
	024-001-00-0	215-607-8	1333-82-0								
15	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
16	copper { dicopper oxide; copper (I) oxide }				15 mg/kg	1.126	14.693 mg/kg	0.00147 %	✓		
	029-002-00-X	215-270-7	1317-39-1								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	15	mg/kg		13.05	mg/kg	0.00131 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				40	mg/kg	1.579	54.967	mg/kg	0.0055 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.4	pH		8.4	pH	8.4 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				49	mg/kg	1.245	53.062	mg/kg	0.00531 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	71.443	mg/kg	0.00714 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0292 %		

Key

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

Classification of sample: HP-107--14072021-0.10

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

Sample details

Sample name:	LoW Code:
HP-107--14072021-0.10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
17% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	19.726 mg/kg	0.00197 %	✔	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	2.1 mg/kg	2.775	4.837 mg/kg	0.000484 %	✔	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		4.1 mg/kg	13.43	45.702 mg/kg	0.00457 %	✔	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		41 mg/kg	1.462	49.737 mg/kg	0.00497 %	✔	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	20 mg/kg	1.126	18.69 mg/kg	0.00187 %	✔	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	27	mg/kg		22.41	mg/kg	0.00224 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				34	mg/kg	1.579	44.573	mg/kg	0.00446 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				78	mg/kg	1.245	80.583	mg/kg	0.00806 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				71	mg/kg	1.785	105.201	mg/kg	0.0105 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0399 %		

Key

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

Classification of sample: HP-108--14072021-0.30

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

Sample details

Sample name:	LoW Code:
HP-108--14072021-0.30	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.6% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.6% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	29 mg/kg	1.32	35.379 mg/kg	0.00354 %	✔		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.334 mg/kg	0.000333 %	✔		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.8 mg/kg	13.43	22.337 mg/kg	0.00223 %	✔		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		39 mg/kg	1.462	52.669 mg/kg	0.00527 %	✔		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	10 mg/kg	1.126	10.403 mg/kg	0.00104 %	✔		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	15	mg/kg		13.86	mg/kg	0.00139 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				30	mg/kg	1.579	43.784	mg/kg	0.00438 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.2	mg/kg	1.405	4.154	mg/kg	0.000415 %	✓	
	034-002-00-8											
30	zinc { zinc oxide }				70	mg/kg	1.245	80.508	mg/kg	0.00805 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				73	mg/kg	1.785	120.414	mg/kg	0.012 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0393 %		

Key

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

Classification of sample: HP-109--14072021-0.10

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

Sample details

Sample name: HP-109--14072021-0.10	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	31 mg/kg	1.32	35.609 mg/kg	0.00356 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.38 mg/kg	0.000338 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.2 mg/kg	13.43	25.705 mg/kg	0.00257 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		43 mg/kg	1.462	54.677 mg/kg	0.00547 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	15 mg/kg	1.126	14.693 mg/kg	0.00147 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		22.62	mg/kg	0.00226 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				34	mg/kg	1.579	46.722	mg/kg	0.00467 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				97	mg/kg	1.245	105.041	mg/kg	0.0105 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				80	mg/kg	1.785	124.249	mg/kg	0.0124 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0441 %		

Key

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

Classification of sample: HP-111--12072021-0.00

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

Sample details

Sample name:	LoW Code:
HP-111--12072021-0.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
23% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 23% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	20.333 mg/kg	0.00203 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.52 mg/kg		0.4 mg/kg	0.00004 %	✓		
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.51 mg/kg		0.393 mg/kg	0.0000393 %	✓		
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.53 mg/kg		0.408 mg/kg	0.0000408 %	✓		
8	benzo[ghi]perylene	205-883-8	191-24-2		0.37 mg/kg		0.285 mg/kg	0.0000285 %	✓		
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.28 mg/kg		0.216 mg/kg	0.0000216 %	✓		
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	2.992 mg/kg	0.000299 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		3.5 mg/kg	13.43	36.194 mg/kg	0.00362 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		34 mg/kg	1.462	38.264 mg/kg	0.00383 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.46 mg/kg		0.354 mg/kg	0.0000354 %	✓		
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	55 mg/kg	1.126	47.681 mg/kg	0.00477 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				0.06	mg/kg		0.0462	mg/kg	0.0000462 %	✓	
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				0.88	mg/kg		0.678	mg/kg	0.0000678 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				0.27	mg/kg		0.208	mg/kg	0.0000208 %	✓	
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	62	mg/kg		47.74	mg/kg	0.00477 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				24	mg/kg	1.579	29.189	mg/kg	0.00292 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.6	pH		7.6	pH	7.6 pH		
			PH									
27	phenanthrene				0.43	mg/kg		0.331	mg/kg	0.0000331 %	✓	
		201-581-5	85-01-8									
28	pyrene				0.82	mg/kg		0.631	mg/kg	0.0000631 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				290	mg/kg	1.245	277.945	mg/kg	0.0278 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				51	mg/kg	1.785	70.104	mg/kg	0.00701 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0582 %		

Key

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

Classification of sample: HP-113--12072021-0.00

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

Sample details

Sample name:	LoW Code:
HP-113--12072021-0.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
13% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	27 mg/kg	1.32	31.014 mg/kg	0.0031 %	✔		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.897 mg/kg	0.00029 %	✔		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.1 mg/kg	13.43	24.537 mg/kg	0.00245 %	✔		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		24 mg/kg	1.462	30.517 mg/kg	0.00305 %	✔		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	14 mg/kg	1.126	13.713 mg/kg	0.00137 %	✔		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	17	mg/kg		14.79	mg/kg	0.00148 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				25	mg/kg	1.579	34.354	mg/kg	0.00344 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				2.2	mg/kg	1.405	2.689	mg/kg	0.000269 %	✓	
	034-002-00-8											
30	zinc { zinc oxide }				60	mg/kg	1.245	64.974	mg/kg	0.0065 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	60.571	mg/kg	0.00606 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0287 %		

Key

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

Classification of sample: HP-113--12072021-0.80

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

Sample details

Sample name:	LoW Code:
HP-113--12072021-0.80	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
21% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight 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	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		201-469-6	83-32-9								
2	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
3	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		204-371-1	120-12-7								
4	arsenic { arsenic trioxide }				6.4 mg/kg	1.32	6.676 mg/kg	0.000668 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
5	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
6	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
7	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
8	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
9	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
10	beryllium { beryllium oxide }				3.1 mg/kg	2.775	6.797 mg/kg	0.00068 %	✓		
	004-003-00-8	215-133-1	1304-56-9								
11	boron { boron tribromide/trichloride/trifluoride (combined) }				4.8 mg/kg	13.43	50.927 mg/kg	0.00509 %	✓		
			10294-33-4, 10294-34-5, 7637-07-2								
12	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
	048-010-00-4	215-147-8	1306-23-6								
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				26 mg/kg	1.462	30.02 mg/kg	0.003 %	✓		
		215-160-9	1308-38-9								
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
	024-001-00-0	215-607-8	1333-82-0								
15	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
16	copper { dicopper oxide; copper (I) oxide }				25 mg/kg	1.126	22.236 mg/kg	0.00222 %	✓		
	029-002-00-X	215-270-7	1317-39-1								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	14	mg/kg		11.06	mg/kg	0.00111 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				32	mg/kg	1.579	39.93	mg/kg	0.00399 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.6	pH		7.6	pH	7.6 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				30	mg/kg	1.245	29.5	mg/kg	0.00295 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				32	mg/kg	1.785	45.129	mg/kg	0.00451 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.025 %		

Key

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

Classification of sample: HP-114--12072021-0.00

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

Sample details

Sample name:	LoW Code:
HP-114--12072021-0.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
17% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

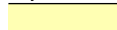



Determinands

Moisture content: 17% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		21 mg/kg	1.32	23.013 mg/kg	0.0023 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		0.24 mg/kg		0.199 mg/kg	0.0000199 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		1.8 mg/kg	2.775	4.146 mg/kg	0.000415 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		3.4 mg/kg	13.43	37.899 mg/kg	0.00379 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		38 mg/kg	1.462	46.097 mg/kg	0.00461 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		0.23 mg/kg		0.191 mg/kg	0.0000191 %	✓	

#	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	copper { dicopper oxide; copper (I) oxide }				46	mg/kg	1.126	42.986	mg/kg	0.0043 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				0.37	mg/kg		0.307	mg/kg	0.0000307 %	✓	
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	67	mg/kg		55.61	mg/kg	0.00556 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				30	mg/kg	1.579	39.33	mg/kg	0.00393 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				7.6	pH		7.6	pH	7.6 pH		
			PH									
29	phenanthrene				0.26	mg/kg		0.216	mg/kg	0.0000216 %	✓	
		201-581-5	85-01-8									
30	pyrene				0.4	mg/kg		0.332	mg/kg	0.0000332 %	✓	
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				190	mg/kg	1.245	196.291	mg/kg	0.0196 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				64	mg/kg	1.785	94.829	mg/kg	0.00948 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0559 %		

Key

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

Classification of sample: HP-116--12072021-0.00

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

Sample details

Sample name:	LoW Code:
HP-116--12072021-0.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
13% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	20.676 mg/kg	0.00207 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.656 mg/kg	0.000266 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		3.3 mg/kg	13.43	38.558 mg/kg	0.00386 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		31 mg/kg	1.462	39.418 mg/kg	0.00394 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19 mg/kg	1.126	18.611 mg/kg	0.00186 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				0.46	mg/kg		0.4	mg/kg	0.00004 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	32	mg/kg		27.84	mg/kg	0.00278 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				23	mg/kg	1.579	31.606	mg/kg	0.00316 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
27	phenanthrene				0.23	mg/kg		0.2	mg/kg	0.00002 %	✓	
		201-581-5	85-01-8									
28	pyrene				0.38	mg/kg		0.331	mg/kg	0.0000331 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				110	mg/kg	1.245	119.119	mg/kg	0.0119 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				53	mg/kg	1.785	82.315	mg/kg	0.00823 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.039 %		

Key

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

Classification of sample: HP-117--13072021-0.00

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

Sample details

Sample name:	LoW Code:
HP-117--13072021-0.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
6.8%	Entry:
(wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	22.15 mg/kg	0.00221 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.8 mg/kg	2.775	2.069 mg/kg	0.000207 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.3 mg/kg	13.43	3.755 mg/kg	0.000376 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		21 mg/kg	1.462	28.606 mg/kg	0.00286 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	26 mg/kg	1.126	27.283 mg/kg	0.00273 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				0.63	mg/kg		0.587	mg/kg	0.0000587 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	21	mg/kg		19.572	mg/kg	0.00196 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				16	mg/kg	1.579	23.553	mg/kg	0.00236 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				10.6	pH		10.6	pH	10.6 pH		
			PH									
27	phenanthrene				0.3	mg/kg		0.28	mg/kg	0.000028 %	✓	
		201-581-5	85-01-8									
28	pyrene				0.69	mg/kg		0.643	mg/kg	0.0000643 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				85	mg/kg	1.245	98.606	mg/kg	0.00986 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	83.19	mg/kg	0.00832 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0318 %		

Key

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

Classification of sample: HP-118--13072021-0.16

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

Sample details

Sample name:	LoW Code:
HP-118--13072021-0.16	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (wet weight correction)	

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.28 mg/kg		0.249 mg/kg	0.0000249 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	38 mg/kg	1.32	44.653 mg/kg	0.00447 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.1 mg/kg		0.979 mg/kg	0.0000979 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.1 mg/kg		0.979 mg/kg	0.0000979 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.2 mg/kg		1.068 mg/kg	0.000107 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		0.63 mg/kg		0.561 mg/kg	0.0000561 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.49 mg/kg		0.436 mg/kg	0.0000436 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.964 mg/kg	0.000296 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.976 mg/kg	0.000598 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		54 mg/kg	1.462	70.242 mg/kg	0.00702 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.96 mg/kg		0.854 mg/kg	0.0000854 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	110 mg/kg	1.126	110.224 mg/kg	0.011 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				2.1	mg/kg		1.869	mg/kg	0.000187 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				0.6	mg/kg		0.534	mg/kg	0.0000534 %	✓	
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	39	mg/kg		34.71	mg/kg	0.00347 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				38	mg/kg	1.579	53.419	mg/kg	0.00534 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				1.6	mg/kg		1.424	mg/kg	0.000142 %	✓	
		201-581-5	85-01-8									
28	pyrene				1.8	mg/kg		1.602	mg/kg	0.00016 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				120	mg/kg	1.245	132.935	mg/kg	0.0133 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				110	mg/kg	1.785	174.77	mg/kg	0.0175 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0648 %		

Key

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

Classification of sample: HP-121--14072021-0.60

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

Sample details

Sample name:	LoW Code:	
HP-121--14072021-0.60	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12% (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.5 mg/kg		0.44 mg/kg	0.000044 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	18.59 mg/kg	0.00186 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.8 mg/kg		1.584 mg/kg	0.000158 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	2.1 mg/kg		1.848 mg/kg	0.000185 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2 mg/kg		1.76 mg/kg	0.000176 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		1.2 mg/kg		1.056 mg/kg	0.000106 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.59 mg/kg		0.519 mg/kg	0.0000519 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.175 mg/kg	0.000317 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.1 mg/kg	13.43	24.819 mg/kg	0.00248 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		33 mg/kg	1.462	42.444 mg/kg	0.00424 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	1.5 mg/kg		1.32 mg/kg	0.000132 %	✓	

#	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	copper { dicopper oxide; copper (I) oxide }				18	mg/kg	1.126	17.834	mg/kg	0.00178 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				0.3	mg/kg		0.264	mg/kg	0.0000264 %	✓	
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				3.1	mg/kg		2.728	mg/kg	0.000273 %	✓	
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				1	mg/kg		0.88	mg/kg	0.000088 %	✓	
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	22	mg/kg		19.36	mg/kg	0.00194 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				28	mg/kg	1.579	38.919	mg/kg	0.00389 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
29	phenanthrene				1.6	mg/kg		1.408	mg/kg	0.000141 %	✓	
		201-581-5	85-01-8									
30	pyrene				2.8	mg/kg		2.464	mg/kg	0.000246 %	✓	
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				42	mg/kg		36.96	mg/kg	0.0037 %	✓	
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				82	mg/kg	1.245	89.819	mg/kg	0.00898 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	81.69	mg/kg	0.00817 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0397 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because **No free phase identified. Samples unlikely to be hazardous.**


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0037%)

Classification of sample: HP-122--14072021-0.60

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

Sample details

Sample name:	LoW Code:
HP-122--14072021-0.60	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
15% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	23 mg/kg	1.32	25.812 mg/kg	0.00258 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.1 mg/kg		0.935 mg/kg	0.0000935 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.2 mg/kg		1.02 mg/kg	0.000102 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.3 mg/kg		1.105 mg/kg	0.000111 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		0.72 mg/kg		0.612 mg/kg	0.0000612 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.36 mg/kg		0.306 mg/kg	0.0000306 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.5 mg/kg	2.775	3.539 mg/kg	0.000354 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.3 mg/kg	13.43	26.256 mg/kg	0.00263 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		38 mg/kg	1.462	47.208 mg/kg	0.00472 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.96 mg/kg		0.816 mg/kg	0.0000816 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19 mg/kg	1.126	18.183 mg/kg	0.00182 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				1.7	mg/kg		1.445	mg/kg	0.000145 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				0.59	mg/kg		0.501	mg/kg	0.0000501 %	✓	
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	30	mg/kg		25.5	mg/kg	0.00255 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				34	mg/kg	1.579	45.648	mg/kg	0.00456 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				0.77	mg/kg		0.655	mg/kg	0.0000655 %	✓	
		201-581-5	85-01-8									
28	pyrene				1.6	mg/kg		1.36	mg/kg	0.000136 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				100	mg/kg	1.245	105.801	mg/kg	0.0106 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				65	mg/kg	1.785	98.631	mg/kg	0.00986 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0413 %		

Key

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

Classification of sample: HP-123--14072021-0.50

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

Sample details

Sample name:	LoW Code:
HP-123--14072021-0.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
13% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)



Hazard properties

None identified

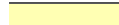



Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		0.26 mg/kg		0.226 mg/kg	0.0000226 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.59 mg/kg		0.513 mg/kg	0.0000513 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	17.23 mg/kg	0.00172 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	2.4 mg/kg		2.088 mg/kg	0.000209 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	2.9 mg/kg		2.523 mg/kg	0.000252 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2.7 mg/kg		2.349 mg/kg	0.000235 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		1.6 mg/kg		1.392 mg/kg	0.000139 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.98 mg/kg		0.853 mg/kg	0.0000853 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.897 mg/kg	0.00029 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.7 mg/kg	13.43	8.179 mg/kg	0.000818 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		28 mg/kg	1.462	35.603 mg/kg	0.00356 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	2.5 mg/kg		2.175 mg/kg	0.000217 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	15.672 mg/kg	0.00157 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				0.41	mg/kg		0.357	mg/kg	0.0000357 %	✓	
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				4.8	mg/kg		4.176	mg/kg	0.000418 %	✓	
		205-912-4	206-44-0									
20	fluorene				0.18	mg/kg		0.157	mg/kg	0.0000157 %	✓	
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				1.4	mg/kg		1.218	mg/kg	0.000122 %	✓	
		205-893-2	193-39-5									
22	lead {  lead compounds with the exception of those specified elsewhere in this Annex }			1	22	mg/kg		19.14	mg/kg	0.00191 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				25	mg/kg	1.579	34.354	mg/kg	0.00344 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
27	phenanthrene				2.2	mg/kg		1.914	mg/kg	0.000191 %	✓	
		201-581-5	85-01-8									
28	pyrene				4.2	mg/kg		3.654	mg/kg	0.000365 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				73	mg/kg	1.245	79.052	mg/kg	0.00791 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				45	mg/kg	1.785	69.89	mg/kg	0.00699 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: HP-124--14072021-0.50

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

Sample details

Sample name: HP-124--14072021-0.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 8.1% (wet weight correction)	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 No free phase identified. Samples unlikely to be hazardous.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.248%)

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.: 0.248%)

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.: 0.248%)

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		20	mg/kg		18.38	mg/kg	0.00184 %	✓	
2	acenaphthylene	205-917-1	208-96-8		5.9	mg/kg		5.422	mg/kg	0.000542 %	✓	
3	anthracene	204-371-1	120-12-7		28	mg/kg		25.732	mg/kg	0.00257 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14	mg/kg	1.32	16.987	mg/kg	0.0017 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	33	mg/kg		30.327	mg/kg	0.00303 %	✓	


#	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	benzo[a]pyrene; benzo[def]chrysene				32	mg/kg		29.408	mg/kg	0.00294 %	✓	
	601-032-00-3	200-028-5	50-32-8									
8	benzo[b]fluoranthene				33	mg/kg		30.327	mg/kg	0.00303 %	✓	
	601-034-00-4	205-911-9	205-99-2									
9	benzo[ghi]perylene				13	mg/kg		11.947	mg/kg	0.00119 %	✓	
		205-883-8	191-24-2									
10	benzo[k]fluoranthene				7.3	mg/kg		6.709	mg/kg	0.000671 %	✓	
	601-036-00-5	205-916-6	207-08-9									
11	beryllium { beryllium oxide }				1.7	mg/kg	2.775	4.336	mg/kg	0.000434 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
12	boron { boron tribromide/trichloride/trifluoride (combined) }				1.3	mg/kg	13.43	16.045	mg/kg	0.0016 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2									
13	cadmium { cadmium sulfide }			1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				27	mg/kg	1.462	36.266	mg/kg	0.00363 %	✓	
		215-160-9	1308-38-9									
15	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
16	chrysene				30	mg/kg		27.57	mg/kg	0.00276 %	✓	
	601-048-00-0	205-923-4	218-01-9									
17	copper { dicopper oxide; copper (I) oxide }				20	mg/kg	1.126	20.694	mg/kg	0.00207 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				3.3	mg/kg		3.033	mg/kg	0.000303 %	✓	
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				86	mg/kg		79.034	mg/kg	0.0079 %	✓	
		205-912-4	206-44-0									
22	fluorene				18	mg/kg		16.542	mg/kg	0.00165 %	✓	
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				12	mg/kg		11.028	mg/kg	0.0011 %	✓	
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	22	mg/kg		20.218	mg/kg	0.00202 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				13	mg/kg		11.947	mg/kg	0.00119 %	✓	
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				21	mg/kg	1.579	30.483	mg/kg	0.00305 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
29	phenanthrene				92	mg/kg		84.548	mg/kg	0.00845 %	✓	
		201-581-5	85-01-8									
30	pyrene				68	mg/kg		62.492	mg/kg	0.00625 %	✓	
		204-927-3	129-00-0									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD	
	034-002-00-8										
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	TPH (C6 to C40) petroleum group				2700 mg/kg		2481.3 mg/kg	0.248 %	✓		
			TPH								
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	zinc { zinc oxide }				74 mg/kg	1.245	84.648 mg/kg	0.00846 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				52 mg/kg	1.785	85.31 mg/kg	0.00853 %	✓		
	023-001-00-8	215-239-8	1314-62-1								
38	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
			P1186								
Total:								0.326 %			

Key

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

Classification of sample: HP-126--14072021-0.20

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

Sample details

Sample name:	LoW Code:
HP-126--14072021-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	19.752 mg/kg	0.00198 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.94 mg/kg	2.775	2.296 mg/kg	0.00023 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.7 mg/kg	13.43	8.273 mg/kg	0.000827 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		27 mg/kg	1.462	34.727 mg/kg	0.00347 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	13 mg/kg	1.126	12.88 mg/kg	0.00129 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		22.88	mg/kg	0.00229 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				20	mg/kg	1.579	27.799	mg/kg	0.00278 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				75	mg/kg	1.245	82.151	mg/kg	0.00822 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				49	mg/kg	1.785	76.977	mg/kg	0.0077 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0296 %		

Key

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

Classification of sample: HP-128--15072021-0.25

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

Sample details

Sample name:	LoW Code:	
HP-128--15072021-0.25	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10% (wet weight correction)		

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	22 mg/kg	1.32	26.142 mg/kg	0.00261 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.6 mg/kg	2.775	3.996 mg/kg	0.0004 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.2 mg/kg	13.43	26.591 mg/kg	0.00266 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		37 mg/kg	1.462	48.67 mg/kg	0.00487 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	15 mg/kg	1.126	15.199 mg/kg	0.00152 %	✓	

#	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	17 mg/kg		15.3 mg/kg	0.00153 %		✓	
	082-001-00-6										
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
25	nickel { nickel dihydroxide }				47 mg/kg	1.579	66.813 mg/kg	0.00668 %		✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
26	pH				8.3 pH		8.3 pH	8.3 pH			
			PH								
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
	034-002-00-8										
30	zinc { zinc oxide }				85 mg/kg	1.245	95.221 mg/kg	0.00952 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				63 mg/kg	1.785	101.22 mg/kg	0.0101 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
32	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
Total:									0.0407 %		

Key

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

Classification of sample: HP-129--16072021-0.00

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

Sample details

Sample name: HP-129--16072021-0.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	24 mg/kg	1.32	27.568 mg/kg	0.00276 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.3 mg/kg		0.261 mg/kg	0.0000261 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.7 mg/kg	2.775	4.105 mg/kg	0.00041 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.2 mg/kg	13.43	25.705 mg/kg	0.00257 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		48 mg/kg	1.462	61.035 mg/kg	0.0061 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.27 mg/kg		0.235 mg/kg	0.0000235 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	26 mg/kg	1.126	25.468 mg/kg	0.00255 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				0.56	mg/kg		0.487	mg/kg	0.0000487 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	31	mg/kg		26.97	mg/kg	0.0027 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				43	mg/kg	1.579	59.089	mg/kg	0.00591 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
27	phenanthrene				0.53	mg/kg		0.461	mg/kg	0.0000461 %	✓	
		201-581-5	85-01-8									
28	pyrene				0.55	mg/kg		0.479	mg/kg	0.0000479 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				120	mg/kg	1.245	129.948	mg/kg	0.013 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				80	mg/kg	1.785	124.249	mg/kg	0.0124 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0494 %		

Key

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

Classification of sample: HP-129--16072021-0.23

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

Sample details

Sample name:	LoW Code:
HP-129--16072021-0.23	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
13% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	37 mg/kg	1.32	42.501 mg/kg	0.00425 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	2.3 mg/kg	2.775	5.553 mg/kg	0.000555 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.1 mg/kg	13.43	24.537 mg/kg	0.00245 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		60 mg/kg	1.462	76.293 mg/kg	0.00763 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	29 mg/kg	1.126	28.406 mg/kg	0.00284 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	23	mg/kg		20.01	mg/kg	0.002 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				72	mg/kg	1.579	98.94	mg/kg	0.00989 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				140	mg/kg	1.245	151.606	mg/kg	0.0152 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				97	mg/kg	1.785	150.652	mg/kg	0.0151 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0607 %		

Key

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

Classification of sample: HP-130--15072021-0.00

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

Sample details

Sample name:	LoW Code:
HP-130--15072021-0.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17% (wet weight correction)	

Hazard properties

None identified





Determinands

Moisture content: 17% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	21 mg/kg	1.32	23.013 mg/kg	0.0023 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.225 mg/kg	0.000322 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.1 mg/kg	13.43	12.262 mg/kg	0.00123 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		38 mg/kg	1.462	46.097 mg/kg	0.00461 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
17	copper { dicopper oxide; copper (I) oxide }				24	mg/kg	1.126	22.428	mg/kg	0.00224 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	39	mg/kg		32.37	mg/kg	0.00324 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				34	mg/kg	1.579	44.573	mg/kg	0.00446 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
29	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
30	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				98	mg/kg	1.245	101.245	mg/kg	0.0101 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				64	mg/kg	1.785	94.829	mg/kg	0.00948 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: HP-134--15072021-0.00

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

Sample details

Sample name: HP-134--15072021-0.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	19 mg/kg	1.32	20.822 mg/kg	0.00208 %	✔	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.9 mg/kg	2.775	4.377 mg/kg	0.000438 %	✔	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.2 mg/kg	13.43	13.376 mg/kg	0.00134 %	✔	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		37 mg/kg	1.462	44.884 mg/kg	0.00449 %	✔	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	22 mg/kg	1.126	20.559 mg/kg	0.00206 %	✔	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	24	mg/kg		19.92	mg/kg	0.00199 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				35	mg/kg	1.579	45.884	mg/kg	0.00459 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				74	mg/kg	1.245	76.45	mg/kg	0.00765 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				63	mg/kg	1.785	93.347	mg/kg	0.00933 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0348 %		

Key

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

Classification of sample: HP-134--15072021-0.78

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

Sample details

Sample name: HP-134--15072021-0.78	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 9.9% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.9% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11 mg/kg	1.32	13.086 mg/kg	0.00131 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.5 mg/kg	2.775	3.751 mg/kg	0.000375 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.6 mg/kg	13.43	7.26 mg/kg	0.000726 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		28 mg/kg	1.462	36.872 mg/kg	0.00369 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	13 mg/kg	1.126	13.188 mg/kg	0.00132 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	12	mg/kg		10.812	mg/kg	0.00108 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				26	mg/kg	1.579	37.001	mg/kg	0.0037 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.5	pH		8.5	pH	8.5 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				62	mg/kg	1.245	69.532	mg/kg	0.00695 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				45	mg/kg	1.785	72.38	mg/kg	0.00724 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0272 %		

Key

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

Classification of sample: HP-136--13072021-0.00

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

Sample details

Sample name:	LoW Code:
HP-136--13072021-0.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3.3% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.3% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	13 mg/kg	1.32	16.598 mg/kg	0.00166 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.72 mg/kg	2.775	1.932 mg/kg	0.000193 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	11.688 mg/kg	0.00117 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		21 mg/kg	1.462	29.68 mg/kg	0.00297 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	120 mg/kg	1.126	130.648 mg/kg	0.0131 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	19	mg/kg		18.373	mg/kg	0.00184 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				16	mg/kg	1.579	24.438	mg/kg	0.00244 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.5	pH		8.5	pH	8.5 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				74	mg/kg	1.245	89.069	mg/kg	0.00891 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				62	mg/kg	1.785	107.029	mg/kg	0.0107 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0437 %		

Key

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

Classification of sample: HP-137--13072021-0.12

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

Sample details

Sample name:	LoW Code:
HP-137--13072021-0.12	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15% (wet weight correction)	

Hazard properties

None identified

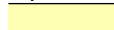



Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.26 mg/kg		0.221 mg/kg	0.0000221 %	✓	
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		23 mg/kg	1.32	25.812 mg/kg	0.00258 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		1.3 mg/kg		1.105 mg/kg	0.000111 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		1.2 mg/kg		1.02 mg/kg	0.000102 %	✓	
8	benzo[b]fluoranthene	205-911-9	205-99-2		1.1 mg/kg		0.935 mg/kg	0.0000935 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		0.7 mg/kg		0.595 mg/kg	0.0000595 %	✓	
10	benzo[k]fluoranthene	205-916-6	207-08-9		0.56 mg/kg		0.476 mg/kg	0.0000476 %	✓	
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		1.4 mg/kg	2.775	3.303 mg/kg	0.00033 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.4 mg/kg	13.43	27.397 mg/kg	0.00274 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		41 mg/kg	1.462	50.935 mg/kg	0.00509 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		1.2 mg/kg		1.02 mg/kg	0.000102 %	✓	

#	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	copper { dicopper oxide; copper (I) oxide }				26	mg/kg	1.126	24.882	mg/kg	0.00249 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				2.3	mg/kg		1.955	mg/kg	0.000195 %	✓	
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				0.55	mg/kg		0.468	mg/kg	0.0000468 %	✓	
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	28	mg/kg		23.8	mg/kg	0.00238 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				29	mg/kg	1.579	38.935	mg/kg	0.00389 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
29	phenanthrene				1.1	mg/kg		0.935	mg/kg	0.0000935 %	✓	
		201-581-5	85-01-8									
30	pyrene				2	mg/kg		1.7	mg/kg	0.00017 %	✓	
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				23	mg/kg		19.55	mg/kg	0.00196 %	✓	
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				99	mg/kg	1.245	104.743	mg/kg	0.0105 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				69	mg/kg	1.785	104.701	mg/kg	0.0105 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0442 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase identified. Samples unlikely to be hazardous.


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00196%)

Classification of sample: RBH-115--13072021-0.20

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

Sample details

Sample name:	LoW Code:	
RBH-115--13072021-0.20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12% (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
2	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
3	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
4	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
5	arsenic { arsenic trioxide }				21 mg/kg	1.32	24.4 mg/kg	0.00244 %	✓	
		033-003-00-0 215-481-4	1327-53-3							
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8 200-753-7	71-43-2							
7	benzo[a]anthracene				0.53 mg/kg		0.466 mg/kg	0.0000466 %	✓	
		601-033-00-9 200-280-6	56-55-3							
8	benzo[a]pyrene; benzo[def]chrysene				0.56 mg/kg		0.493 mg/kg	0.0000493 %	✓	
		601-032-00-3 200-028-5	50-32-8							
9	benzo[b]fluoranthene				0.6 mg/kg		0.528 mg/kg	0.0000528 %	✓	
		601-034-00-4 205-911-9	205-99-2							
10	benzo[ghi]perylene				0.41 mg/kg		0.361 mg/kg	0.0000361 %	✓	
		205-883-8	191-24-2							
11	benzo[k]fluoranthene				0.21 mg/kg		0.185 mg/kg	0.0000185 %	✓	
		601-036-00-5 205-916-6	207-08-9							
12	beryllium { beryllium oxide }				1.2 mg/kg	2.775	2.931 mg/kg	0.000293 %	✓	
		004-003-00-8 215-133-1	1304-56-9							
13	boron { boron tribromide/trichloride/trifluoride (combined) }				2.3 mg/kg	13.43	27.182 mg/kg	0.00272 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2							
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
		048-010-00-4 215-147-8	1306-23-6							
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				29 mg/kg	1.462	37.299 mg/kg	0.00373 %	✓	
		215-160-9	1308-38-9							
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
		024-001-00-0 215-607-8	1333-82-0							

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				0.57	mg/kg		0.502	mg/kg	0.0000502 %	✓	
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				55	mg/kg	1.126	54.493	mg/kg	0.00545 %	✓	
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				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				1	mg/kg		0.88	mg/kg	0.000088 %	✓	
23	fluorene 201-695-5 86-73-7				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				0.29	mg/kg		0.255	mg/kg	0.0000255 %	✓	
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	66	mg/kg		58.08	mg/kg	0.00581 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001	mg/kg		<0.0001	mg/kg	<0.00000001 %		<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				27	mg/kg	1.579	37.529	mg/kg	0.00375 %	✓	
29	pH PH				8.1	pH		8.1	pH	8.1 pH		
30	phenanthrene 201-581-5 85-01-8				0.71	mg/kg		0.625	mg/kg	0.0000625 %	✓	
31	pyrene 204-927-3 129-00-0				0.95	mg/kg		0.836	mg/kg	0.0000836 %	✓	
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				150	mg/kg	1.245	164.302	mg/kg	0.0164 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				52	mg/kg	1.785	81.69	mg/kg	0.00817 %	✓	
41	monohydric phenols P1186				<1	mg/kg		<1	mg/kg	<0.0001 %		<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
72	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
73	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
74	tert-butylbenzene	202-632-4	98-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
75	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
76	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
77	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
78	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
79	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
80	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
83	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
Total:								0.0511 %		

Key

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

Classification of sample: RBH-116--14072021-0.10

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

Sample details

Sample name:	LoW Code:
RBH-116--14072021-0.10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13% (wet weight correction)	

Hazard properties

None identified





Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	22.974 mg/kg	0.0023 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.33 mg/kg		0.287 mg/kg	0.0000287 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.45 mg/kg		0.391 mg/kg	0.0000391 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.42 mg/kg		0.365 mg/kg	0.0000365 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.2 mg/kg		0.174 mg/kg	0.0000174 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.38 mg/kg	0.000338 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		3 mg/kg	13.43	35.052 mg/kg	0.00351 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		32 mg/kg	1.462	40.69 mg/kg	0.00407 %	✓	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	0.34 mg/kg		0.296 mg/kg	0.0000296 %	✓	

#	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	copper { dicopper oxide; copper (I) oxide }				23	mg/kg	1.126	22.529	mg/kg	0.00225 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
19	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
20	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	fluoranthene				0.6	mg/kg		0.522	mg/kg	0.0000522 %	✓	
		205-912-4	206-44-0									
22	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
23	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	34	mg/kg		29.58	mg/kg	0.00296 %	✓	
	082-001-00-6											
25	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
26	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
27	nickel { nickel dihydroxide }				27	mg/kg	1.579	37.102	mg/kg	0.00371 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
28	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
29	phenanthrene				0.23	mg/kg		0.2	mg/kg	0.00002 %	✓	
		201-581-5	85-01-8									
30	pyrene				0.63	mg/kg		0.548	mg/kg	0.0000548 %	✓	
		204-927-3	129-00-0									
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
32	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
34	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	zinc { zinc oxide }				110	mg/kg	1.245	119.119	mg/kg	0.0119 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
37	vanadium { divanadium pentaoxide; vanadium pentoxide }				59	mg/kg	1.785	91.634	mg/kg	0.00916 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0422 %		

Key

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

Classification of sample: RBH-116--14072021-0.80

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

Sample details

Sample name: RBH-116--14072021-0.80	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
2	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
5	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	25 mg/kg	1.32	28.387 mg/kg	0.00284 %	✔	
6	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
7	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
12	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.6 mg/kg	2.775	3.819 mg/kg	0.000382 %	✔	
13	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	2.3 mg/kg	13.43	26.565 mg/kg	0.00266 %	✔	
14	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			215-160-9	41 mg/kg	1.462	51.534 mg/kg	0.00515 %	✔	
16	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<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	chrysene 601-048-00-0 205-923-4 218-01-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				18 mg/kg	1.126	17.429 mg/kg	0.00174 %	✓		
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
22	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	21 mg/kg		18.06 mg/kg	0.00181 %	✓		
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001 mg/kg		<0.0001 mg/kg	<0.00000001 %			<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				34 mg/kg	1.579	46.185 mg/kg	0.00462 %	✓		
29	pH PH				8.3 pH		8.3 pH	8.3 pH			
30	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
35	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				96 mg/kg	1.245	102.764 mg/kg	0.0103 %	✓		
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				72 mg/kg	1.785	110.539 mg/kg	0.0111 %	✓		
41	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
Total:								0.0423 %		

Key

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

Classification of sample: CBH-101--22062021-2.00

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

Sample details

Sample name:	LoW Code:
CBH-101--22062021-2.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
12% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	26 mg/kg	1.32	30.209 mg/kg	0.00302 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.89 mg/kg		0.783 mg/kg	0.0000783 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.81 mg/kg		0.713 mg/kg	0.0000713 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.8 mg/kg		0.704 mg/kg	0.0000704 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		0.61 mg/kg		0.537 mg/kg	0.0000537 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.43 mg/kg		0.378 mg/kg	0.0000378 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.95 mg/kg	2.775	2.32 mg/kg	0.000232 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1 mg/kg	13.43	11.818 mg/kg	0.00118 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		39 mg/kg	1.462	50.161 mg/kg	0.00502 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.8 mg/kg		0.704 mg/kg	0.0000704 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19 mg/kg	1.126	18.825 mg/kg	0.00188 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				1.5	mg/kg		1.32	mg/kg	0.000132 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				0.48	mg/kg		0.422	mg/kg	0.0000422 %	✓	
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	24	mg/kg		21.12	mg/kg	0.00211 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				21	mg/kg	1.579	29.189	mg/kg	0.00292 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
27	phenanthrene				0.47	mg/kg		0.414	mg/kg	0.0000414 %	✓	
		201-581-5	85-01-8									
28	pyrene				1.5	mg/kg		1.32	mg/kg	0.000132 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				62	mg/kg	1.245	67.912	mg/kg	0.00679 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				70	mg/kg	1.785	109.967	mg/kg	0.011 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0356 %		

Key

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

Classification of sample: CBH-101--22062021-4.00

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

Sample details

Sample name: CBH-101--22062021-4.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight 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	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
2	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
3	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
4	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
5	arsenic { arsenic trioxide }				16 mg/kg	1.32	17.534 mg/kg	0.00175 %	✔	
	033-003-00-0	215-481-4	1327-53-3							
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
7	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
8	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
9	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
10	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
11	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
12	beryllium { beryllium oxide }				1.1 mg/kg	2.775	2.534 mg/kg	0.000253 %	✔	
	004-003-00-8	215-133-1	1304-56-9							
13	boron { boron tribromide/trichloride/trifluoride (combined) }				0.9 mg/kg	13.43	10.032 mg/kg	0.001 %	✔	
			10294-33-4, 10294-34-5, 7637-07-2							
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				31 mg/kg	1.462	37.606 mg/kg	0.00376 %	✔	
		215-160-9	1308-38-9							
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				27 mg/kg	1.126	25.231 mg/kg	0.00252 %	✓		
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
22	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	27 mg/kg		22.41 mg/kg	0.00224 %	✓		
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001 mg/kg		<0.0001 mg/kg	<0.00000001 %			<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				27 mg/kg	1.579	35.397 mg/kg	0.00354 %	✓		
29	pH PH				8 pH		8 pH	8pH			
30	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
35	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				80 mg/kg	1.245	82.649 mg/kg	0.00826 %	✓		
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				51 mg/kg	1.785	75.567 mg/kg	0.00756 %	✓		
41	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
Total:								0.0327 %		

Key

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

Classification of sample: CBH-104--23062021-7.00

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

Sample details

Sample name:	LoW Code:
CBH-104--23062021-7.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
15% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
2	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
3	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
4	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
5	arsenic { arsenic trioxide }				19 mg/kg	1.32	21.323 mg/kg	0.00213 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
7	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
8	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
9	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
10	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
11	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
12	beryllium { beryllium oxide }				0.85 mg/kg	2.775	2.005 mg/kg	0.000201 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
13	boron { boron tribromide/trichloride/trifluoride (combined) }				1.4 mg/kg	13.43	15.982 mg/kg	0.0016 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2							
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				26 mg/kg	1.462	32.3 mg/kg	0.00323 %	✓	
		215-160-9	1308-38-9							
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				25 mg/kg	1.126	23.925 mg/kg	0.00239 %	✓	
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	32 mg/kg		27.2 mg/kg	0.00272 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001 mg/kg		<0.0001 mg/kg	<0.00000001 %		<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				25 mg/kg	1.579	33.564 mg/kg	0.00336 %	✓	
29	pH PH				8 pH		8 pH	8pH		
30	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				72 mg/kg	1.245	76.176 mg/kg	0.00762 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				50 mg/kg	1.785	75.87 mg/kg	0.00759 %	✓	
41	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	M/C Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
Total:								0.0326 %		

Key

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

Classification of sample: CBH-109--05072021-2.00

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

Sample details

Sample name:	LoW Code:
CBH-109--05072021-2.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
10% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		201-469-6	83-32-9								
2	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
3	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		204-371-1	120-12-7								
4	arsenic { arsenic trioxide }				32 mg/kg	1.32	38.025 mg/kg	0.0038 %	✔		
		033-003-00-0	215-481-4								
5	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		601-033-00-9	200-280-6								
6	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		601-032-00-3	200-028-5								
7	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		601-034-00-4	205-911-9								
8	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
9	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		601-036-00-5	205-916-6								
10	beryllium { beryllium oxide }				1.5 mg/kg	2.775	3.747 mg/kg	0.000375 %	✔		
		004-003-00-8	215-133-1								
11	boron { boron tribromide/trichloride/trifluoride (combined) }				0.4 mg/kg	13.43	4.835 mg/kg	0.000483 %	✔		
			10294-33-4, 10294-34-5, 7637-07-2								
12	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
		048-010-00-4	215-147-8								
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				38 mg/kg	1.462	49.985 mg/kg	0.005 %	✔		
		215-160-9	1308-38-9								
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
		024-001-00-0	215-607-8								
15	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		601-048-00-0	205-923-4								
16	copper { dicopper oxide; copper (I) oxide }				16 mg/kg	1.126	16.213 mg/kg	0.00162 %	✔		
		029-002-00-X	215-270-7								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	24	mg/kg		21.6	mg/kg	0.00216 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				32	mg/kg	1.579	45.49	mg/kg	0.00455 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8	pH		8	pH	8pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				88	mg/kg	1.245	98.581	mg/kg	0.00986 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				75	mg/kg	1.785	120.5	mg/kg	0.012 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0407 %		

Key

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

Classification of sample: CBH-110--07072021-5.00

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

Sample details

Sample name: CBH-110--07072021-5.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 18% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight 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	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
2	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
3	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
4	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
5	arsenic { arsenic trioxide }				29 mg/kg	1.32	31.397 mg/kg	0.00314 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
7	benzo[a]anthracene				0.58 mg/kg		0.476 mg/kg	0.0000476 %	✓	
	601-033-00-9	200-280-6	56-55-3							
8	benzo[a]pyrene; benzo[def]chrysene				0.7 mg/kg		0.574 mg/kg	0.0000574 %	✓	
	601-032-00-3	200-028-5	50-32-8							
9	benzo[b]fluoranthene				0.77 mg/kg		0.631 mg/kg	0.0000631 %	✓	
	601-034-00-4	205-911-9	205-99-2							
10	benzo[ghi]perylene				0.47 mg/kg		0.385 mg/kg	0.0000385 %	✓	
		205-883-8	191-24-2							
11	benzo[k]fluoranthene				0.29 mg/kg		0.238 mg/kg	0.0000238 %	✓	
	601-036-00-5	205-916-6	207-08-9							
12	beryllium { beryllium oxide }				1.4 mg/kg	2.775	3.186 mg/kg	0.000319 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
13	boron { boron tribromide/trichloride/trifluoride (combined) }				2.2 mg/kg	13.43	24.228 mg/kg	0.00242 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2							
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				46 mg/kg	1.462	55.13 mg/kg	0.00551 %	✓	
		215-160-9	1308-38-9							
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				0.71 mg/kg		0.582 mg/kg	0.0000582 %	✓	
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				31 mg/kg	1.126	28.62 mg/kg	0.00286 %	✓	
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				1.3 mg/kg		1.066 mg/kg	0.000107 %	✓	
23	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				0.38 mg/kg		0.312 mg/kg	0.0000312 %	✓	
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	42 mg/kg		34.44 mg/kg	0.00344 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001 mg/kg		<0.0001 mg/kg	<0.00000001 %		<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				29 mg/kg	1.579	37.56 mg/kg	0.00376 %	✓	
29	pH PH				8 pH		8 pH	8pH		
30	phenanthrene 201-581-5 85-01-8				0.6 mg/kg		0.492 mg/kg	0.0000492 %	✓	
31	pyrene 204-927-3 129-00-0				1.5 mg/kg		1.23 mg/kg	0.000123 %	✓	
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				24 mg/kg		19.68 mg/kg	0.00197 %	✓	
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				140 mg/kg	1.245	142.893 mg/kg	0.0143 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				68 mg/kg	1.785	99.542 mg/kg	0.00995 %	✓	
41	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %		<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 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]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
Total:								0.049 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase identified. Samples unlikely to be hazardous.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00197%)

Classification of sample: CBH-110--07072021-6.50

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

Sample details

Sample name: CBH-110--07072021-6.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 18% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight 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	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
2	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
3	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
4	anthracene				0.26 mg/kg		0.213 mg/kg	0.0000213 %	✓	
		204-371-1	120-12-7							
5	arsenic { arsenic trioxide }				31 mg/kg	1.32	33.563 mg/kg	0.00336 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
6	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
7	benzo[a]anthracene				2 mg/kg		1.64 mg/kg	0.000164 %	✓	
	601-033-00-9	200-280-6	56-55-3							
8	benzo[a]pyrene; benzo[def]chrysene				2 mg/kg		1.64 mg/kg	0.000164 %	✓	
	601-032-00-3	200-028-5	50-32-8							
9	benzo[b]fluoranthene				2.4 mg/kg		1.968 mg/kg	0.000197 %	✓	
	601-034-00-4	205-911-9	205-99-2							
10	benzo[ghi]perylene				1.3 mg/kg		1.066 mg/kg	0.000107 %	✓	
		205-883-8	191-24-2							
11	benzo[k]fluoranthene				0.78 mg/kg		0.64 mg/kg	0.000064 %	✓	
	601-036-00-5	205-916-6	207-08-9							
12	beryllium { beryllium oxide }				1.9 mg/kg	2.775	4.324 mg/kg	0.000432 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
13	boron { boron tribromide/trichloride/trifluoride (combined) }				3.5 mg/kg	13.43	38.544 mg/kg	0.00385 %	✓	
			10294-33-4, 10294-34-5, 7637-07-2							
14	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
15	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				46 mg/kg	1.462	55.13 mg/kg	0.00551 %	✓	
		215-160-9	1308-38-9							
16	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							

#	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	chrysene 601-048-00-0 205-923-4 218-01-9				1.7	mg/kg		1.394	mg/kg	0.000139 %	✓	
18	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				48	mg/kg	1.126	44.315	mg/kg	0.00443 %	✓	
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				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				0.35	mg/kg		0.287	mg/kg	0.0000287 %	✓	
21	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
22	fluoranthene 205-912-4 206-44-0				3.7	mg/kg		3.034	mg/kg	0.000303 %	✓	
23	fluorene 201-695-5 86-73-7				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24	indeno[123-cd]pyrene 205-893-2 193-39-5				1.1	mg/kg		0.902	mg/kg	0.0000902 %	✓	
25	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	100	mg/kg		82	mg/kg	0.0082 %	✓	
26	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
27	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.0001	mg/kg		<0.0001	mg/kg	<0.00000001 %		<LOD
28	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				28	mg/kg	1.579	36.265	mg/kg	0.00363 %	✓	
29	pH PH				8.2	pH		8.2	pH	8.2 pH		
30	phenanthrene 201-581-5 85-01-8				1.3	mg/kg		1.066	mg/kg	0.000107 %	✓	
31	pyrene 204-927-3 129-00-0				3.5	mg/kg		2.87	mg/kg	0.000287 %	✓	
32	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
33	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
34	toluene 601-021-00-3 203-625-9 108-88-3				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
35	TPH (C6 to C40) petroleum group TPH				270	mg/kg		221.4	mg/kg	0.0221 %	✓	
36	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37	xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				160	mg/kg	1.245	163.306	mg/kg	0.0163 %	✓	
39	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				71	mg/kg	1.785	103.933	mg/kg	0.0104 %	✓	
41	monohydric phenols P1186				<1	mg/kg		<1	mg/kg	<0.0001 %		<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							
42	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
43	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
44	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
45	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
46	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
47	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
48	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
49	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
50	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
51	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
52	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
53	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		205-531-3	142-28-9							
54	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
55	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
56	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
57	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
58	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
59	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		203-209-7	104-51-8							
60	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 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]							
61	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
62	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
63	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
64	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
65	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
66	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
67	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
68	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
69	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		201-765-5	87-68-3							
70	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		202-796-7	99-87-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
71	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
72	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
73	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
76	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
77	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
78	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
79	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
80	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
82	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
83	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
Total:								0.0807 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase identified. Samples unlikely to be hazardous.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0221%)

Appendix A: Classifier defined and non CLP determinands

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

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

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

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

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

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

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

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

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

Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride
 Data source: N/A
 Data source date: 06 Aug 2015
 Hazard Statements: EUH014 , Acute Tox. 2 H330 , Acute Tox. 2 H300 , Skin Corr. 1A H314 , Skin Corr. 1B H314

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

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

▪ **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

▪ **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

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

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

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

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

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

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

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

CLP index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers many simple lead compounds to be Carcinogenic category 2
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
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 2A (Sup 7, 87) 2006; Lead REACH Consortium
www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

• **pH** (CAS Number: PH)

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

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

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

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

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

• **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

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

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

• **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 1B H350 , Aquatic Chronic 3 H412

• **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

• **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

• **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

• **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

• **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

• **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

• **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

• **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

• **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

• **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

• **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

• **trichlorofluoromethane** (EC Number: 200-892-3, CAS Number: 75-69-4)

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, Ozone 1 H420

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

beryllium {beryllium oxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Worst case species

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

Worst case species based on hazard statements

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

zinc {zinc oxide}

Worst case species based on hazard statements

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species based on hazard statements.

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018

HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)

HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 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:

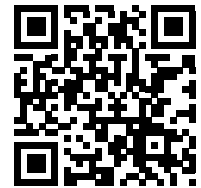
2020 No. 1540 of 16th December 2020

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

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

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



WTMC2-Z6G4A-GSNXE

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

Job name

21-88806_HWOL_Results

Description/Comments

Lab Cert 21-88806

Project

C-18443

Site

Huntingdon Road, Thrapston

Classified by

Name: **Nathan Thompson**
 Date: **20 Oct 2021 09:47 GMT**
 Telephone: **07557 345 513**

Company: **Hydrock Consultants Ltd**
Hawthorn Park
Holdenby Road, Spratton
Northampton
NN6 8LD

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

CERTIFIED

Course
 Hazardous Waste Classification

Date
 22 Apr 2021

Next 3 year Refresher due by Apr 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	CBH110--15072021-3.00		Non Hazardous		2
2	TP116--15072021-0.10		Non Hazardous		4
3	TP117--15072021-0.20		Non Hazardous		6
4	HP102--15072021-0.20		Non Hazardous		8

Related documents

#	Name	Description
1	21-88806_HWOL_Results.hwol	.hwol file used to create the Job
2	Hydrock Standard plus Cresol (ammended Lead)	waste stream template used to create this Job

Report

Created by: Nathan Thompson

Created date: 20 Oct 2021 09:47 GMT

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	10
Appendix B: Rationale for selection of metal species	11
Appendix C: Version	12

Classification of sample: CBH110--15072021-3.00

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

Sample details

Sample name: CBH110--15072021-3.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		0.22 mg/kg		0.189 mg/kg	0.0000189 %	✓		
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		20 mg/kg	1.32	22.71 mg/kg	0.00227 %	✓		
5	benzo[a]anthracene	200-280-6	56-55-3		0.84 mg/kg		0.722 mg/kg	0.0000722 %	✓		
6	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		0.73 mg/kg		0.628 mg/kg	0.0000628 %	✓		
7	benzo[b]fluoranthene	205-911-9	205-99-2		0.93 mg/kg		0.8 mg/kg	0.00008 %	✓		
8	benzo[ghi]perylene	205-883-8	191-24-2		0.47 mg/kg		0.404 mg/kg	0.0000404 %	✓		
9	benzo[k]fluoranthene	205-916-6	207-08-9		0.3 mg/kg		0.258 mg/kg	0.0000258 %	✓		
10	beryllium { beryllium oxide }	215-133-1	1304-56-9		0.98 mg/kg	2.775	2.339 mg/kg	0.000234 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.5 mg/kg	13.43	17.325 mg/kg	0.00173 %	✓		
12	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		27 mg/kg	1.462	33.937 mg/kg	0.00339 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	205-923-4	218-01-9		0.69 mg/kg		0.593 mg/kg	0.0000593 %	✓		
16	copper { dicopper oxide; copper (I) oxide }	215-270-7	1317-39-1		17 mg/kg	1.126	16.46 mg/kg	0.00165 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				1.3	mg/kg		1.118	mg/kg	0.000112 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				0.37	mg/kg		0.318	mg/kg	0.0000318 %	✓	
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	25	mg/kg		21.5	mg/kg	0.00215 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				24	mg/kg	1.579	32.601	mg/kg	0.00326 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
27	phenanthrene				0.88	mg/kg		0.757	mg/kg	0.0000757 %	✓	
		201-581-5	85-01-8									
28	pyrene				1.3	mg/kg		1.118	mg/kg	0.000112 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				79	mg/kg	1.245	84.566	mg/kg	0.00846 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	70.622	mg/kg	0.00706 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0316 %		

Key

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

Classification of sample: TP116--15072021-0.10

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

Sample details

Sample name: TP116--15072021-0.10	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 9.9% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.9% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	16.655 mg/kg	0.00167 %	✔	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.89 mg/kg	2.775	2.226 mg/kg	0.000223 %	✔	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1 mg/kg	13.43	12.1 mg/kg	0.00121 %	✔	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		29 mg/kg	1.462	38.189 mg/kg	0.00382 %	✔	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17 mg/kg	1.126	17.245 mg/kg	0.00172 %	✔	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	27	mg/kg		24.327	mg/kg	0.00243 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				19	mg/kg	1.579	27.039	mg/kg	0.0027 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.6	pH		7.6	pH	7.6 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				72	mg/kg	1.245	80.747	mg/kg	0.00807 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				48	mg/kg	1.785	77.206	mg/kg	0.00772 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0304 %		

Key

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

Classification of sample: TP117--15072021-0.20

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

Sample details

Sample name:	LoW Code:
TP117--15072021-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
13% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	20.676 mg/kg	0.00207 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.97 mg/kg	2.775	2.342 mg/kg	0.000234 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.8 mg/kg	13.43	21.031 mg/kg	0.0021 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		29 mg/kg	1.462	36.875 mg/kg	0.00369 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	15 mg/kg	1.126	14.693 mg/kg	0.00147 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	30	mg/kg		26.1	mg/kg	0.00261 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				21	mg/kg	1.579	28.857	mg/kg	0.00289 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				76	mg/kg	1.245	82.3	mg/kg	0.00823 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	80.762	mg/kg	0.00808 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0322 %		

Key

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

Classification of sample: HP102--15072021-0.20

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

Sample details

Sample name: HP102--15072021-0.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 11% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11 mg/kg	1.32	12.926 mg/kg	0.00129 %	✓		
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.88 mg/kg	2.775	2.174 mg/kg	0.000217 %	✓		
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.1 mg/kg	13.43	25.101 mg/kg	0.00251 %	✓		
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD	
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		26 mg/kg	1.462	33.82 mg/kg	0.00338 %	✓		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD	
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	12 mg/kg	1.126	12.024 mg/kg	0.0012 %	✓		

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	22	mg/kg		19.58	mg/kg	0.00196 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				20	mg/kg	1.579	28.115	mg/kg	0.00281 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				7.4	pH		7.4	pH	7.4 pH		
			PH									
27	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
28	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				63	mg/kg	1.245	69.791	mg/kg	0.00698 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	65.141	mg/kg	0.00651 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
32	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0277 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

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

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

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

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

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

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

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

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

Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride
Data source: N/A
Data source date: 06 Aug 2015
Hazard Statements: EUH014 , Acute Tox. 2 H330 , Acute Tox. 2 H300 , Skin Corr. 1A H314 , Skin Corr. 1B H314

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

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

- **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

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

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

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

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

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

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

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

CLP index number: 082-001-00-6

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

Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)

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

• **pH (CAS Number: PH)**

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

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

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Corr. 1B H314 , Skin Corr. 1B H314 >= 3 % , Skin Irrit. 2 H315 1 £ conc. < 3 % , Eye Irrit. 2 H319 1 £ conc. < 3 % , Muta. 2 H341 , STOT RE 2 H373 , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

beryllium {beryllium oxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Worst case species

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

Worst case species based on hazard statements

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

zinc {zinc oxide}

Worst case species based on hazard statements

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species based on hazard statements.

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)

HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 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:

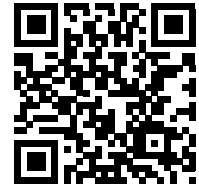
2020 No. 1540 of 16th December 2020

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

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

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



PUD4T-CNNX7-ZDAS8

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

Job name

21-88809_HWOL_Results

Description/Comments

Lab Cert 21-88809

Project

C-18843

Site

Huntingdon Road, Thrapston

Classified by

Name: **Nathan Thompson**
 Date: **20 Oct 2021 09:48 GMT**
 Telephone: **07557 345 513**

Company: **Hydrock Consultants Ltd**
Hawthorn Park
Holdenby Road, Spratton
Northampton
NN6 8LD

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

CERTIFIED

Course
 Hazardous Waste Classification

Date
 22 Apr 2021

Next 3 year Refresher due by Apr 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	HP138--15072021-0.14		Non Hazardous		2

Related documents

#	Name	Description
1	21-88809_HWOL_Results.hwol	.hwol file used to create the Job
2	Hydrock Standard plus Cresol (ammended Lead)	waste stream template used to create this Job


Report

Created by: Nathan Thompson

Created date: 20 Oct 2021 09:48 GMT

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	4
Appendix B: Rationale for selection of metal species	5
Appendix C: Version	6

Classification of sample: HP138--15072021-0.14

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

Sample details

Sample name:	LoW Code:
HP138--15072021-0.14	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.3% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 1.3% Wet Weight 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	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	9.5 mg/kg	1.32	12.38 mg/kg	0.00124 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.86 mg/kg		0.849 mg/kg	0.0000849 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.91 mg/kg		0.898 mg/kg	0.0000898 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.1 mg/kg		1.086 mg/kg	0.000109 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		0.6 mg/kg		0.592 mg/kg	0.0000592 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.5 mg/kg		0.494 mg/kg	0.0000494 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.47 mg/kg	2.775	1.287 mg/kg	0.000129 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.6 mg/kg	13.43	7.953 mg/kg	0.000795 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		18 mg/kg	1.462	25.966 mg/kg	0.0026 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.74 mg/kg		0.73 mg/kg	0.000073 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	59 mg/kg	1.126	65.564 mg/kg	0.00656 %	✓	

#	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 }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
18	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
19	fluoranthene				1.2	mg/kg		1.184	mg/kg	0.000118 %	✓	
		205-912-4	206-44-0									
20	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
21	indeno[123-cd]pyrene				0.48	mg/kg		0.474	mg/kg	0.0000474 %	✓	
		205-893-2	193-39-5									
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	16	mg/kg		15.792	mg/kg	0.00158 %	✓	
	082-001-00-6											
23	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	nickel { nickel dihydroxide }				8.8	mg/kg	1.579	13.719	mg/kg	0.00137 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
26	pH				8.7	pH		8.7	pH	8.7 pH		
			PH									
27	phenanthrene				0.54	mg/kg		0.533	mg/kg	0.0000533 %	✓	
		201-581-5	85-01-8									
28	pyrene				1.1	mg/kg		1.086	mg/kg	0.000109 %	✓	
		204-927-3	129-00-0									
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
30	zinc { zinc oxide }				78	mg/kg	1.245	95.826	mg/kg	0.00958 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
31	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				94	mg/kg	1.785	165.626	mg/kg	0.0166 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
Total:										0.042 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

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

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

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

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

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

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

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

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

Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride
Data source: N/A
Data source date: 06 Aug 2015
Hazard Statements: EUH014 , Acute Tox. 2 H330 , Acute Tox. 2 H300 , Skin Corr. 1A H314 , Skin Corr. 1B H314

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

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

- **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

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

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

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

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

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

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

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

CLP index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers many simple lead compounds to be Carcinogenic category 2
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
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 2A (Sup 7, 87) 2006; Lead REACH Consortium
www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

• **pH (CAS Number: PH)**

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

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

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

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

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

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

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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

beryllium {beryllium oxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Worst case species

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

Worst case species based on hazard statements

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

zinc {zinc oxide}

Worst case species based on hazard statements

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species based on hazard statements.

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)

HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 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:

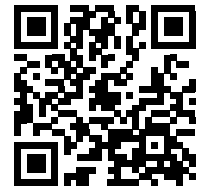
2020 No. 1540 of 16th December 2020

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

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

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



GS8XJ-HPFQE-M1C1C

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

Job name

21-30239_HWOL_Results

Description/Comments

Lab Cert 21-30239

Project

18443

Site

Huntingdon Road, Thrapston

Classified by

Name: **Nathan Thompson**
 Date: **25 Mar 2022 14:36 GMT**
 Telephone: **07557 345 513**

Company: **Hydrock Consultants Ltd**
Hawthorn Park
Holdenby Road, Spratton
Northampton
NN6 8LD

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

CERTIFIED

Course
 Hazardous Waste Classification

Date
 22 Apr 2021

Next 3 year Refresher due by Apr 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP201--21122021-0.40		Non Hazardous		3
2	TP205--21122021-0.50		Non Hazardous		6
3	TP206--21122021-0.10		Non Hazardous		9
4	TP213--21122021-0.30		Non Hazardous		12
5	TP216--21122021-0.30		Non Hazardous		15
6	TP225--21122021-1.50		Non Hazardous		17
7	TP234--21122021-0.40		Non Hazardous		19
8	TP238--21122021-1.20		Non Hazardous		22
9	TP242--21122021-1.50		Non Hazardous		24
10	TP247--21122021-0.10		Non Hazardous		26
11	TP253--21122021-0.20		Non Hazardous		28
12	TP261--21122021-0.90		Non Hazardous		31
13	TP263--21122021-1.00		Non Hazardous		33
14	TP263--21122021-1.80		Non Hazardous		35
15	TP270--21122021-0.50		Non Hazardous		38
16	TP274--21122021-0.50		Non Hazardous		40
17	TP275--21122021-0.10		Non Hazardous		43
18	TP289--21122021-0.40		Non Hazardous		45
19	TP289--21122021-1.50		Non Hazardous		47
20	TP289--21122021-2.50		Non Hazardous		49
21	TP291--21122021-0.20		Non Hazardous		51
22	TP301--21122021-1.50		Non Hazardous		53
23	TP303--21122021-0.60		Non Hazardous		56
24	TP306--21122021-0.60		Non Hazardous		59
25	TP308--21122021-0.60		Non Hazardous		62
26	TP309--21122021-0.70		Non Hazardous		64
27	TP309--21122021-2.95		Hazardous	HP 14	67
28	TP310--21122021-1.50		Non Hazardous		70
29	TP313--21122021-0.20		Non Hazardous		73

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
30	CP203--21122021-1.00		Non Hazardous		76
31	CP203--21122021-3.00		Non Hazardous		79
32	CP203--21122021-5.00		Non Hazardous		81
33	CP207--21122021-1.00		Non Hazardous		83
34	CP207--21122021-3.00		Non Hazardous		85
35	CP207--21122021-5.00		Non Hazardous		87
36	CP207--21122021-8.00		Non Hazardous		89
37	CP208--21122021-1.00		Non Hazardous		91
38	CP208--21122021-3.00		Non Hazardous		94
39	CP208--21122021-5.00		Non Hazardous		96
40	CP209--21122021-2.00		Non Hazardous		99
41	CP209--21122021-4.00		Non Hazardous		102
42	CP210--21122021-1.20		Non Hazardous		104
43	CP210--21122021-4.00		Non Hazardous		107
44	CP210--21122021-2.00		Non Hazardous		109
45	CP210--21122021-3.00		Non Hazardous		111
46	CP210--21122021-5.50		Non Hazardous		113
47	CP210--21122021-7.00		Non Hazardous		115
48	CP210--21122021-8.00		Non Hazardous		117

Related documents

#	Name	Description
1	21-30239_HWOL_Results.hwol	.hwol file used to create the Job
2	Hydrock Standard plus Cresol (ammended Lead)	waste stream template used to create this Job


Report

Created by: Nathan Thompson

Created date: 25 Mar 2022 14:36 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	119
Appendix B: Rationale for selection of metal species	120
Appendix C: Version	121

Classification of sample: TP201--21122021-0.40

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

Sample details

Sample name:	LoW Code:	
TP201--21122021-0.40	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14% (wet weight correction)		

Hazard properties

None identified






Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		15 mg/kg	1.32	17.032 mg/kg	0.0017 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		0.95 mg/kg	2.775	2.267 mg/kg	0.000227 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.775 mg/kg	0.000577 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				19 mg/kg	1.126	18.397 mg/kg	0.00184 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	11 mg/kg		9.46 mg/kg	0.000946 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				25 mg/kg	1.579	33.959 mg/kg	0.0034 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				44 mg/kg	1.245	47.1 mg/kg	0.00471 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				43 mg/kg	1.785	66.016 mg/kg	0.0066 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0256 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP205--21122021-0.50

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

Sample details

Sample name:	LoW Code:
TP205--21122021-0.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
15% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

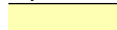




Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11 mg/kg	1.32	12.345 mg/kg	0.00123 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1 mg/kg	2.775	2.359 mg/kg	0.000236 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1 mg/kg	13.43	11.416 mg/kg	0.00114 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				14 mg/kg	1.126	13.398 mg/kg	0.00134 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	14 mg/kg		11.9 mg/kg	0.00119 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				18 mg/kg	1.579	24.166 mg/kg	0.00242 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				60 mg/kg	1.245	63.48 mg/kg	0.00635 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				47 mg/kg	1.785	71.318 mg/kg	0.00713 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0271 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP206--21122021-0.10

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

Sample details

Sample name:	LoW Code:	
TP206--21122021-0.10	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21% (wet weight correction)		

Hazard properties

None identified






Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		19 mg/kg	1.32	19.818 mg/kg	0.00198 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		1.5 mg/kg	2.775	3.289 mg/kg	0.000329 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.1 mg/kg	13.43	11.671 mg/kg	0.00117 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		37 mg/kg	1.462	54.078 mg/kg	0.00541 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				25 mg/kg	1.126	22.236 mg/kg	0.00222 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	28 mg/kg		22.12 mg/kg	0.00221 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				30 mg/kg	1.579	37.434 mg/kg	0.00374 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.8 pH		7.8 pH	7.8 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				76 mg/kg	1.245	74.733 mg/kg	0.00747 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				62 mg/kg	1.785	87.438 mg/kg	0.00874 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0351 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP213--21122021-0.30

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

Sample details

Sample name:	LoW Code:
TP213--21122021-0.30	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
20% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

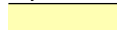




Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	17.956 mg/kg	0.0018 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.664 mg/kg	0.000266 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.372 mg/kg	0.000537 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		32 mg/kg	1.462	46.77 mg/kg	0.00468 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				23 mg/kg	1.126	20.716 mg/kg	0.00207 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	25 mg/kg		20 mg/kg	0.002 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				29 mg/kg	1.579	36.644 mg/kg	0.00366 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.8 pH		7.8 pH	7.8 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				71 mg/kg	1.245	70.7 mg/kg	0.00707 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				54 mg/kg	1.785	77.12 mg/kg	0.00771 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0316 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP216--21122021-0.30

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

Sample details

Sample name:	LoW Code:	
TP216--21122021-0.30	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20% (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	17.956 mg/kg	0.0018 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.664 mg/kg	0.000266 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.6 mg/kg	13.43	6.446 mg/kg	0.000645 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	34 mg/kg	1.462	49.693 mg/kg	0.00497 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	23 mg/kg	1.126	20.716 mg/kg	0.00207 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	33 mg/kg		26.4 mg/kg	0.00264 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				28 mg/kg	1.579	35.381 mg/kg	0.00354 %	✓		
26	pH PH				7.8 pH		7.8 pH	7.8 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				71 mg/kg	1.245	70.7 mg/kg	0.00707 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				60 mg/kg	1.785	85.689 mg/kg	0.00857 %	✓		
Total:									0.0324 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP225--21122021-1.50

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

Sample details

Sample name: TP225--21122021-1.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 19% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	14.972 mg/kg	0.0015 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.6 mg/kg	2.775	3.597 mg/kg	0.00036 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.439 mg/kg	0.000544 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	23 mg/kg	1.126	20.975 mg/kg	0.0021 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	13 mg/kg		10.53 mg/kg	0.00105 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				28 mg/kg	1.579	35.823 mg/kg	0.00358 %	✓		
26	pH PH				7.9 pH		7.9 pH	7.9 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				53 mg/kg	1.245	53.436 mg/kg	0.00534 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				42 mg/kg	1.785	60.732 mg/kg	0.00607 %	✓		
Total:									0.0249 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP234--21122021-0.40

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

Sample details

Sample name:	LoW Code:	
TP234--21122021-0.40	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14% (wet weight correction)		

Hazard properties

None identified






Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		14 mg/kg	1.32	15.897 mg/kg	0.00159 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		1.2 mg/kg	2.775	2.864 mg/kg	0.000286 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.775 mg/kg	0.000577 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				22 mg/kg	1.126	21.302 mg/kg	0.00213 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	11 mg/kg		9.46 mg/kg	0.000946 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				25 mg/kg	1.579	33.959 mg/kg	0.0034 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				42 mg/kg	1.245	44.959 mg/kg	0.0045 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				37 mg/kg	1.785	56.805 mg/kg	0.00568 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP238--21122021-1.20

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

Sample details

Sample name: TP238--21122021-1.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 11% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified



Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		0.23	mg/kg		0.205	mg/kg	0.0000205 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.69	mg/kg		0.614	mg/kg	0.0000614 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	39	mg/kg	1.32	45.828	mg/kg	0.00458 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.6	mg/kg		1.424	mg/kg	0.000142 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.3	mg/kg		1.157	mg/kg	0.000116 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.4	mg/kg		1.246	mg/kg	0.000125 %	✓	
8	benzo[ghi]perylene	205-883-8	191-24-2		0.89	mg/kg		0.792	mg/kg	0.0000792 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.63	mg/kg		0.561	mg/kg	0.0000561 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.6	mg/kg	2.775	3.952	mg/kg	0.000395 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.6	mg/kg	13.43	7.172	mg/kg	0.000717 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %	<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		39	mg/kg	1.462	57.001	mg/kg	0.0057 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	1.2	mg/kg		1.068	mg/kg	0.000107 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	11	mg/kg	1.126	11.022	mg/kg	0.0011 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				0.17 mg/kg		0.151 mg/kg	0.0000151 %	✓	
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				3.8 mg/kg		3.382 mg/kg	0.000338 %	✓	
		205-912-4	206-44-0							
20	fluorene				0.21 mg/kg		0.187 mg/kg	0.0000187 %	✓	
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				0.64 mg/kg		0.57 mg/kg	0.000057 %	✓	
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	16 mg/kg		14.24 mg/kg	0.00142 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				29 mg/kg	1.579	40.767 mg/kg	0.00408 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
27	phenanthrene				2.8 mg/kg		2.492 mg/kg	0.000249 %	✓	
		201-581-5	85-01-8							
28	pyrene				3.2 mg/kg		2.848 mg/kg	0.000285 %	✓	
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				100 mg/kg	1.245	110.78 mg/kg	0.0111 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				84 mg/kg	1.785	133.46 mg/kg	0.0133 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0448 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP242--21122021-1.50

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

Sample details

Sample name: TP242--21122021-1.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 15% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified



Determinands

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


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15	mg/kg	1.32	16.834	mg/kg	0.00168 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.8	mg/kg	2.775	1.887	mg/kg	0.000189 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.4	mg/kg	13.43	4.566	mg/kg	0.000457 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19	mg/kg	1.126	18.183	mg/kg	0.00182 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	11 mg/kg		9.35 mg/kg	0.000935 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				23 mg/kg	1.579	30.879 mg/kg	0.00309 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				51 mg/kg	1.245	53.958 mg/kg	0.0054 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				35 mg/kg	1.785	53.109 mg/kg	0.00531 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0229 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP247--21122021-0.10

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

Sample details

Sample name: TP247--21122021-0.10	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

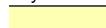




Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11 mg/kg	1.32	12.055 mg/kg	0.00121 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.77 mg/kg	2.775	1.774 mg/kg	0.000177 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.6 mg/kg	13.43	6.688 mg/kg	0.000669 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16 mg/kg	1.126	14.952 mg/kg	0.0015 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	28 mg/kg		23.24 mg/kg	0.00232 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				13 mg/kg	1.579	17.043 mg/kg	0.0017 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				7.3 pH		7.3 pH	7.3 pH		
			PH							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				57 mg/kg	1.245	58.887 mg/kg	0.00589 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				41 mg/kg	1.785	60.75 mg/kg	0.00607 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0238 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP253--21122021-0.20

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

Sample details

Sample name:	LoW Code:
TP253--21122021-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
15% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

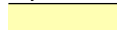




Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	33 mg/kg	1.32	37.035 mg/kg	0.0037 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.5 mg/kg	2.775	3.539 mg/kg	0.000354 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.4 mg/kg	13.43	4.566 mg/kg	0.000457 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			215-160-9	1308-38-9	45 mg/kg	1.462	65.77 mg/kg	0.00658 %	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				18 mg/kg	1.126	17.226 mg/kg	0.00172 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	83 mg/kg		70.55 mg/kg	0.00705 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				35 mg/kg	1.579	46.99 mg/kg	0.0047 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.8 pH		7.8 pH	7.8 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				94 mg/kg	1.245	99.453 mg/kg	0.00995 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				86 mg/kg	1.785	130.497 mg/kg	0.013 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0494 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP261--21122021-0.90

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

Sample details

Sample name:	LoW Code:
TP261--21122021-0.90	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
14% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	17.032 mg/kg	0.0017 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.87 mg/kg	2.775	2.077 mg/kg	0.000208 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.7 mg/kg	13.43	8.085 mg/kg	0.000808 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	18 mg/kg	1.126	17.429 mg/kg	0.00174 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	12 mg/kg		10.32 mg/kg	0.00103 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				24 mg/kg	1.579	32.601 mg/kg	0.00326 %	✓		
26	pH PH				8 pH		8 pH	8pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				59 mg/kg	1.245	63.157 mg/kg	0.00632 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				40 mg/kg	1.785	61.41 mg/kg	0.00614 %	✓		
Total:									0.0255 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP263--21122021-1.00

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

Sample details

Sample name:	LoW Code:	
TP263--21122021-1.00	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14% (wet weight correction)		

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	19.303 mg/kg	0.00193 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.625 mg/kg	0.000263 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.775 mg/kg	0.000577 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19 mg/kg	1.126	18.397 mg/kg	0.00184 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	20 mg/kg		17.2 mg/kg	0.00172 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				28 mg/kg	1.579	38.034 mg/kg	0.0038 %	✓		
26	pH PH				8 pH		8 pH	8pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				63 mg/kg	1.245	67.439 mg/kg	0.00674 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				50 mg/kg	1.785	76.763 mg/kg	0.00768 %	✓		
Total:									0.0296 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP263--21122021-1.80

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

Sample details

Sample name:	LoW Code:	
TP263--21122021-1.80	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21% (wet weight correction)		

Hazard properties

None identified

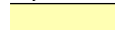




Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		44 mg/kg	1.32	45.895 mg/kg	0.00459 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		0.58 mg/kg		0.458 mg/kg	0.0000458 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		0.78 mg/kg		0.616 mg/kg	0.0000616 %	✓	
8	benzo[b]fluoranthene	205-911-9	205-99-2		0.98 mg/kg		0.774 mg/kg	0.0000774 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		0.61 mg/kg		0.482 mg/kg	0.0000482 %	✓	
10	benzo[k]fluoranthene	205-916-6	207-08-9		0.45 mg/kg		0.356 mg/kg	0.0000356 %	✓	
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		3.7 mg/kg	2.775	8.112 mg/kg	0.000811 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		3.5 mg/kg	13.43	37.134 mg/kg	0.00371 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		76 mg/kg	1.462	111.078 mg/kg	0.0111 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		0.63 mg/kg		0.498 mg/kg	0.0000498 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				87 mg/kg	1.126	77.382 mg/kg	0.00774 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				1.1 mg/kg		0.869 mg/kg	0.0000869 %	✓	
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				0.51 mg/kg		0.403 mg/kg	0.0000403 %	✓	
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	190 mg/kg		150.1 mg/kg	0.015 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.642 mg/kg	0.0000642 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				55 mg/kg	1.579	68.629 mg/kg	0.00686 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.5 pH		7.5 pH	7.5 pH		
			PH							
29	phenanthrene				0.51 mg/kg		0.403 mg/kg	0.0000403 %	✓	
		201-581-5	85-01-8							
30	pyrene				1 mg/kg		0.79 mg/kg	0.000079 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				290 mg/kg		229.1 mg/kg	0.0229 %	✓	
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				270 mg/kg	1.245	265.497 mg/kg	0.0265 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				140 mg/kg	1.785	197.441 mg/kg	0.0197 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.12 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0229%)

Classification of sample: TP270--21122021-0.50

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

Sample details

Sample name: TP270--21122021-0.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 13% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)



Hazard properties

None identified






Determinands

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


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	23	mg/kg	1.32	26.42	mg/kg	0.00264 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4	mg/kg	2.775	3.38	mg/kg	0.000338 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	1.3	mg/kg	13.43	15.189	mg/kg	0.00152 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	35	mg/kg	1.462	51.154	mg/kg	0.00512 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	16	mg/kg	1.126	15.672	mg/kg	0.00157 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
22	lead {  lead compounds with the exception of those specified elsewhere in this Annex }			1	18 mg/kg		15.66 mg/kg	0.00157 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				34 mg/kg	1.579	46.722 mg/kg	0.00467 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				7.6 pH		7.6 pH	7.6 pH		
			PH							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				79 mg/kg	1.245	85.549 mg/kg	0.00855 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				66 mg/kg	1.785	102.505 mg/kg	0.0103 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.037 %		

Key

-  User supplied data
-  Determinand values ignored for classification, see column 'Conc. Not Used' for reason
-  Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP274--21122021-0.50

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

Sample details

Sample name:	LoW Code:
TP274--21122021-0.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
16% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

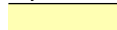




Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	15.527 mg/kg	0.00155 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.798 mg/kg	0.00028 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.6 mg/kg	13.43	6.769 mg/kg	0.000677 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		32 mg/kg	1.462	46.77 mg/kg	0.00468 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				11 mg/kg	1.126	10.403 mg/kg	0.00104 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	12 mg/kg		10.08 mg/kg	0.00101 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				29 mg/kg	1.579	38.477 mg/kg	0.00385 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.8 pH		7.8 pH	7.8 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				46 mg/kg	1.245	48.096 mg/kg	0.00481 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				51 mg/kg	1.785	76.477 mg/kg	0.00765 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0273 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP275--21122021-0.10

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

Sample details

Sample name:	LoW Code:	
TP275--21122021-0.10	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
27% (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 27% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	19.277 mg/kg	0.00193 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	2.1 mg/kg	2.775	4.255 mg/kg	0.000425 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.6 mg/kg	13.43	25.49 mg/kg	0.00255 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	28 mg/kg	1.126	23.013 mg/kg	0.0023 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	28 mg/kg		20.44 mg/kg	0.00204 %		✓	
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				33 mg/kg	1.579	38.05 mg/kg	0.00381 %		✓	
26	pH PH				7.2 pH		7.2 pH	7.2 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				90 mg/kg	1.245	81.778 mg/kg	0.00818 %		✓	
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				67 mg/kg	1.785	87.313 mg/kg	0.00873 %		✓	
Total:									0.0363 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP289--21122021-0.40

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

Sample details

Sample name:	LoW Code:	
TP289--21122021-0.40	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13% (wet weight correction)		

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	19 mg/kg	1.32	21.825 mg/kg	0.00218 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.897 mg/kg	0.00029 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.4 mg/kg	13.43	4.674 mg/kg	0.000467 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		34 mg/kg	1.462	49.693 mg/kg	0.00497 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17 mg/kg	1.126	16.652 mg/kg	0.00167 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	15 mg/kg		13.05 mg/kg	0.00131 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				25 mg/kg	1.579	34.354 mg/kg	0.00344 %	✓		
26	pH PH				7.9 pH		7.9 pH	7.9 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				78 mg/kg	1.245	84.466 mg/kg	0.00845 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				58 mg/kg	1.785	90.08 mg/kg	0.00901 %	✓		
Total:									0.0326 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP289--21122021-1.50

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

Sample details

Sample name:	LoW Code:	
TP289--21122021-1.50	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19% (wet weight correction)		

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	16.042 mg/kg	0.0016 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.73 mg/kg		0.591 mg/kg	0.0000591 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.94 mg/kg		0.761 mg/kg	0.0000761 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.1 mg/kg		0.891 mg/kg	0.0000891 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	0.73 mg/kg		0.591 mg/kg	0.0000591 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.45 mg/kg		0.365 mg/kg	0.0000365 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.698 mg/kg	0.00027 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.5 mg/kg	13.43	16.317 mg/kg	0.00163 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.8 mg/kg		0.648 mg/kg	0.0000648 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	28 mg/kg	1.126	25.535 mg/kg	0.00255 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				1.3 mg/kg		1.053 mg/kg	0.000105 %	✓		
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				0.56 mg/kg		0.454 mg/kg	0.0000454 %	✓		
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	45 mg/kg		36.45 mg/kg	0.00365 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				23 mg/kg	1.579	29.426 mg/kg	0.00294 %	✓		
26	pH PH				7.9 pH		7.9 pH	7.9 pH			
27	phenanthrene 201-581-5 85-01-8				0.52 mg/kg		0.421 mg/kg	0.0000421 %	✓		
28	pyrene 204-927-3 129-00-0				1.3 mg/kg		1.053 mg/kg	0.000105 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				84 mg/kg	1.245	84.69 mg/kg	0.00847 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				41 mg/kg	1.785	59.286 mg/kg	0.00593 %	✓		
Total:									0.0326 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP289--21122021-2.50

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

Sample details

Sample name:	LoW Code:
TP289--21122021-2.50	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
16% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	32 mg/kg	1.32	35.49 mg/kg	0.00355 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.48 mg/kg		0.403 mg/kg	0.0000403 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.47 mg/kg		0.395 mg/kg	0.0000395 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.44 mg/kg		0.37 mg/kg	0.000037 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	0.27 mg/kg		0.227 mg/kg	0.0000227 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.24 mg/kg		0.202 mg/kg	0.0000202 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.031 mg/kg	0.000303 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	10.153 mg/kg	0.00102 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	41 mg/kg	1.462	59.924 mg/kg	0.00599 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.41 mg/kg		0.344 mg/kg	0.0000344 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	44 mg/kg	1.126	41.613 mg/kg	0.00416 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				0.77 mg/kg		0.647 mg/kg	0.0000647 %	✓		
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				0.22 mg/kg		0.185 mg/kg	0.0000185 %	✓		
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	93 mg/kg		78.12 mg/kg	0.00781 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				26 mg/kg	1.579	34.496 mg/kg	0.00345 %	✓		
26	pH PH				8.2 pH		8.2 pH	8.2 pH			
27	phenanthrene 201-581-5 85-01-8				0.38 mg/kg		0.319 mg/kg	0.0000319 %	✓		
28	pyrene 204-927-3 129-00-0				0.66 mg/kg		0.554 mg/kg	0.0000554 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				130 mg/kg	1.245	135.923 mg/kg	0.0136 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				77 mg/kg	1.785	115.466 mg/kg	0.0115 %	✓		
Total:									0.0525 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP291--21122021-0.20

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

Sample details

Sample name:	LoW Code:	
TP291--21122021-0.20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19% (wet weight correction)		

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	17.111 mg/kg	0.00171 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.473 mg/kg	0.000247 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	9.79 mg/kg	0.000979 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	32 mg/kg	1.462	46.77 mg/kg	0.00468 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	21 mg/kg	1.126	19.151 mg/kg	0.00192 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				0.42 mg/kg		0.34 mg/kg	0.000034 %	✓		
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	32 mg/kg		25.92 mg/kg	0.00259 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				23 mg/kg	1.579	29.426 mg/kg	0.00294 %	✓		
26	pH PH				7.5 pH		7.5 pH	7.5 pH			
27	phenanthrene 201-581-5 85-01-8				0.26 mg/kg		0.211 mg/kg	0.0000211 %	✓		
28	pyrene 204-927-3 129-00-0				0.35 mg/kg		0.284 mg/kg	0.0000284 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				71 mg/kg	1.245	71.584 mg/kg	0.00716 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				53 mg/kg	1.785	76.638 mg/kg	0.00766 %	✓		
Total:									0.0308 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP301--21122021-1.50

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

Sample details

Sample name:	LoW Code:
TP301--21122021-1.50	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
16% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

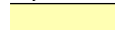




Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		0.34 mg/kg		0.286 mg/kg	0.0000286 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.72 mg/kg		0.605 mg/kg	0.0000605 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18 mg/kg	1.32	19.963 mg/kg	0.002 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	2.4 mg/kg		2.016 mg/kg	0.000202 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	2.5 mg/kg		2.1 mg/kg	0.00021 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2.8 mg/kg		2.352 mg/kg	0.000235 %	✓	
9	benzo[ghi]perylene		205-883-8	191-24-2	1.6 mg/kg		1.344 mg/kg	0.000134 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1 mg/kg		0.84 mg/kg	0.000084 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.031 mg/kg	0.000303 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	10.153 mg/kg	0.00102 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	2.3 mg/kg		1.932 mg/kg	0.000193 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				21 mg/kg	1.126	19.861 mg/kg	0.00199 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				0.32 mg/kg		0.269 mg/kg	0.0000269 %	✓	
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				5.8 mg/kg		4.872 mg/kg	0.000487 %	✓	
		205-912-4	206-44-0							
22	fluorene				0.31 mg/kg		0.26 mg/kg	0.000026 %	✓	
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				1.3 mg/kg		1.092 mg/kg	0.000109 %	✓	
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	27 mg/kg		22.68 mg/kg	0.00227 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				25 mg/kg	1.579	33.169 mg/kg	0.00332 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.8 pH		7.8 pH	7.8 pH		
			PH							
29	phenanthrene				2.5 mg/kg		2.1 mg/kg	0.00021 %	✓	
		201-581-5	85-01-8							
30	pyrene				4.8 mg/kg		4.032 mg/kg	0.000403 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				43 mg/kg		36.12 mg/kg	0.00361 %	✓	
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				73 mg/kg	1.245	76.326 mg/kg	0.00763 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				53 mg/kg	1.785	79.476 mg/kg	0.00795 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0377 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00361%)

Classification of sample: TP303--21122021-0.60

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

Sample details

Sample name: TP303--21122021-0.60	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 16% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

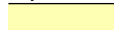




Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		0.43 mg/kg		0.361 mg/kg	0.0000361 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.9 mg/kg		0.756 mg/kg	0.0000756 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	16.636 mg/kg	0.00166 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	3.1 mg/kg		2.604 mg/kg	0.00026 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	3.4 mg/kg		2.856 mg/kg	0.000286 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	3.7 mg/kg		3.108 mg/kg	0.000311 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		2.1 mg/kg		1.764 mg/kg	0.000176 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1.5 mg/kg		1.26 mg/kg	0.000126 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.264 mg/kg	0.000326 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.8 mg/kg	13.43	9.025 mg/kg	0.000902 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	2.7 mg/kg		2.268 mg/kg	0.000227 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				17 mg/kg	1.126	16.078 mg/kg	0.00161 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				0.41 mg/kg		0.344 mg/kg	0.0000344 %	✓	
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				7.3 mg/kg		6.132 mg/kg	0.000613 %	✓	
		205-912-4	206-44-0							
22	fluorene				0.39 mg/kg		0.328 mg/kg	0.0000328 %	✓	
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				1.6 mg/kg		1.344 mg/kg	0.000134 %	✓	
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	20 mg/kg		16.8 mg/kg	0.00168 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				23 mg/kg	1.579	30.516 mg/kg	0.00305 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.7 pH		7.7 pH	7.7 pH		
			PH							
29	phenanthrene				3.7 mg/kg		3.108 mg/kg	0.000311 %	✓	
		201-581-5	85-01-8							
30	pyrene				6.1 mg/kg		5.124 mg/kg	0.000512 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				110 mg/kg		92.4 mg/kg	0.00924 %	✓	
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				68 mg/kg	1.245	71.098 mg/kg	0.00711 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				51 mg/kg	1.785	76.477 mg/kg	0.00765 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0413 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00924%)

Classification of sample: TP306--21122021-0.60

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

Sample details

Sample name:	LoW Code:
TP306--21122021-0.60	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
14% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

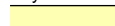




Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.39 mg/kg		0.335 mg/kg	0.0000335 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	17.032 mg/kg	0.0017 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.3 mg/kg		1.118 mg/kg	0.000112 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.5 mg/kg		1.29 mg/kg	0.000129 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.5 mg/kg		1.29 mg/kg	0.000129 %	✓	
9	benzo[ghi]perylene		205-883-8	191-24-2	1 mg/kg		0.86 mg/kg	0.000086 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.68 mg/kg		0.585 mg/kg	0.0000585 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	3.103 mg/kg	0.00031 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.7 mg/kg	13.43	8.085 mg/kg	0.000808 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	1.3 mg/kg		1.118 mg/kg	0.000112 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				25 mg/kg	1.126	24.207 mg/kg	0.00242 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				0.21 mg/kg		0.181 mg/kg	0.0000181 %	✓	
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				2.6 mg/kg		2.236 mg/kg	0.000224 %	✓	
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				0.75 mg/kg		0.645 mg/kg	0.0000645 %	✓	
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26 mg/kg		22.36 mg/kg	0.00224 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				24 mg/kg	1.579	32.601 mg/kg	0.00326 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
29	phenanthrene				1.5 mg/kg		1.29 mg/kg	0.000129 %	✓	
		201-581-5	85-01-8							
30	pyrene				2.2 mg/kg		1.892 mg/kg	0.000189 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				31 mg/kg		26.66 mg/kg	0.00267 %	✓	
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				77 mg/kg	1.245	82.425 mg/kg	0.00824 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				53 mg/kg	1.785	81.369 mg/kg	0.00814 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0366 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00267%)

Classification of sample: TP308--21122021-0.60

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

Sample details

Sample name: TP308--21122021-0.60	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 14% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified



Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		2.1	mg/kg		1.806	mg/kg	0.000181 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		4.6	mg/kg		3.956	mg/kg	0.000396 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14	mg/kg	1.32	15.897	mg/kg	0.00159 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	13	mg/kg		11.18	mg/kg	0.00112 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	10	mg/kg		8.6	mg/kg	0.00086 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	13	mg/kg		11.18	mg/kg	0.00112 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	6	mg/kg		5.16	mg/kg	0.000516 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	6.1	mg/kg		5.246	mg/kg	0.000525 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.6	mg/kg	2.775	3.819	mg/kg	0.000382 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.4	mg/kg	13.43	4.62	mg/kg	0.000462 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %	<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	8	mg/kg		6.88	mg/kg	0.000688 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	22	mg/kg	1.126	21.302	mg/kg	0.00213 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				1.3 mg/kg		1.118 mg/kg	0.000112 %	✓	
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				26 mg/kg		22.36 mg/kg	0.00224 %	✓	
		205-912-4	206-44-0							
20	fluorene				1.7 mg/kg		1.462 mg/kg	0.000146 %	✓	
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				4.9 mg/kg		4.214 mg/kg	0.000421 %	✓	
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	18 mg/kg		15.48 mg/kg	0.00155 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				0.52 mg/kg		0.447 mg/kg	0.0000447 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				23 mg/kg	1.579	31.243 mg/kg	0.00312 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				7.9 pH		7.9 pH	7.9 pH		
			PH							
27	phenanthrene				16 mg/kg		13.76 mg/kg	0.00138 %	✓	
		201-581-5	85-01-8							
28	pyrene				22 mg/kg		18.92 mg/kg	0.00189 %	✓	
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				71 mg/kg	1.245	76.002 mg/kg	0.0076 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				46 mg/kg	1.785	70.622 mg/kg	0.00706 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0405 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP309--21122021-0.70

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

Sample details

Sample name:	LoW Code:
TP309--21122021-0.70	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14% (wet weight correction)	

Hazard properties

None identified

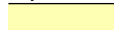




Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		0.96 mg/kg		0.826 mg/kg	0.0000826 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		1.5 mg/kg		1.29 mg/kg	0.000129 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	17.032 mg/kg	0.0017 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	2.3 mg/kg		1.978 mg/kg	0.000198 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	2.5 mg/kg		2.15 mg/kg	0.000215 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2.6 mg/kg		2.236 mg/kg	0.000224 %	✓	
9	benzo[ghi]perylene		205-883-8	191-24-2	1.6 mg/kg		1.376 mg/kg	0.000138 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1 mg/kg		0.86 mg/kg	0.000086 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.99 mg/kg	2.775	2.363 mg/kg	0.000236 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.6 mg/kg	13.43	6.93 mg/kg	0.000693 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	2 mg/kg		1.72 mg/kg	0.000172 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				23 mg/kg	1.126	22.27 mg/kg	0.00223 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				0.31 mg/kg		0.267 mg/kg	0.0000267 %	✓	
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				5.6 mg/kg		4.816 mg/kg	0.000482 %	✓	
		205-912-4	206-44-0							
22	fluorene				0.75 mg/kg		0.645 mg/kg	0.0000645 %	✓	
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				1.4 mg/kg		1.204 mg/kg	0.00012 %	✓	
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	32 mg/kg		27.52 mg/kg	0.00275 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				1.4 mg/kg		1.204 mg/kg	0.00012 %	✓	
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				23 mg/kg	1.579	31.243 mg/kg	0.00312 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.2 pH		7.2 pH	7.2 pH		
			PH							
29	phenanthrene				5.4 mg/kg		4.644 mg/kg	0.000464 %	✓	
		201-581-5	85-01-8							
30	pyrene				4.3 mg/kg		3.698 mg/kg	0.00037 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				140 mg/kg		120.4 mg/kg	0.012 %	✓	
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				120 mg/kg	1.245	128.454 mg/kg	0.0128 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				43 mg/kg	1.785	66.016 mg/kg	0.0066 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0496 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.012%)

Classification of sample: TP309--21122021-2.95

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

Sample details

Sample name:	LoW Code:
TP309--21122021-2.95	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
34% (wet weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

zinc oxide: (compound conc.: 0.452%)

Determinands



Moisture content: 34% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	27 mg/kg	1.32	23.528 mg/kg	0.00235 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1 mg/kg		0.66 mg/kg	0.000066 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.2 mg/kg		0.792 mg/kg	0.0000792 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.97 mg/kg		0.64 mg/kg	0.000064 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		0.77 mg/kg		0.508 mg/kg	0.0000508 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.6 mg/kg		0.396 mg/kg	0.0000396 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.015 mg/kg	0.000201 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		3.9 mg/kg	13.43	34.569 mg/kg	0.00346 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	3.8 mg/kg	1.285	3.223 mg/kg	0.000251 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	0.96 mg/kg		0.634 mg/kg	0.0000634 %	✓	
17	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	300 mg/kg	1.126	222.926 mg/kg	0.0223 %	✓	
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			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
21	fluoranthene		205-912-4	206-44-0	1.9 mg/kg		1.254 mg/kg	0.000125 %	✓	
22	fluorene		201-695-5	86-73-7	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	indeno[123-cd]pyrene		205-893-2	193-39-5	0.64 mg/kg		0.422 mg/kg	0.0000422 %	✓	
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			570 mg/kg		376.2 mg/kg	0.0376 %	✓	
25	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	9.3 mg/kg	1.353	8.308 mg/kg	0.000831 %	✓	
26	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]	37 mg/kg	1.579	38.571 mg/kg	0.00386 %	✓	
28	pH			PH	6.8 pH		6.8 pH	6.8 pH		
29	phenanthrene		201-581-5	85-01-8	0.96 mg/kg		0.634 mg/kg	0.0000634 %	✓	
30	pyrene		204-927-3	129-00-0	1.7 mg/kg		1.122 mg/kg	0.000112 %	✓	
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
33	TPH (C6 to C40) petroleum group			TPH	1400 mg/kg		924 mg/kg	0.0924 %	✓	
34	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
35	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2	5500 mg/kg	1.245	4518.312 mg/kg	0.452 %	✓	
36	monohydric phenols			P1186	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				49 mg/kg	1.785	57.733 mg/kg	0.00577 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.627 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Hazardous result
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0924%)

Classification of sample: TP310--21122021-1.50

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

Sample details

Sample name:	LoW Code:
TP310--21122021-1.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17% (wet weight correction)	

Hazard properties

None identified

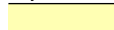




Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		0.6 mg/kg		0.498 mg/kg	0.0000498 %	✓	
2	acenaphthylene	205-917-1	208-96-8		0.36 mg/kg		0.299 mg/kg	0.0000299 %	✓	
3	anthracene	204-371-1	120-12-7		2.1 mg/kg		1.743 mg/kg	0.000174 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	15.342 mg/kg	0.00153 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	9.4 mg/kg		7.802 mg/kg	0.00078 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	11 mg/kg		9.13 mg/kg	0.000913 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	10 mg/kg		8.3 mg/kg	0.00083 %	✓	
9	benzo[ghi]perylene	205-883-8	191-24-2		6.6 mg/kg		5.478 mg/kg	0.000548 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	6.2 mg/kg		5.146 mg/kg	0.000515 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.9 mg/kg	2.775	4.377 mg/kg	0.000438 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.8 mg/kg	13.43	8.918 mg/kg	0.000892 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	8.8 mg/kg		7.304 mg/kg	0.00073 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				28 mg/kg	1.126	26.166 mg/kg	0.00262 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				1.6 mg/kg		1.328 mg/kg	0.000133 %	✓	
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				20 mg/kg		16.6 mg/kg	0.00166 %	✓	
		205-912-4	206-44-0							
22	fluorene				0.51 mg/kg		0.423 mg/kg	0.0000423 %	✓	
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				5.7 mg/kg		4.731 mg/kg	0.000473 %	✓	
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	50 mg/kg		41.5 mg/kg	0.00415 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				18 mg/kg	1.579	23.598 mg/kg	0.00236 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				8 pH		8 pH	8pH		
			PH							
29	phenanthrene				7.7 mg/kg		6.391 mg/kg	0.000639 %	✓	
		201-581-5	85-01-8							
30	pyrene				17 mg/kg		14.11 mg/kg	0.00141 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				400 mg/kg		332 mg/kg	0.0332 %	✓	
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				94 mg/kg	1.245	97.113 mg/kg	0.00971 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				50 mg/kg	1.785	74.085 mg/kg	0.00741 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0755 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0332%)

Classification of sample: TP313--21122021-0.20

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

Sample details

Sample name:	LoW Code:	
TP313--21122021-0.20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18% (wet weight correction)		

Hazard properties

None identified






Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	18.405 mg/kg	0.00184 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.186 mg/kg	0.000319 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.5 mg/kg	13.43	5.506 mg/kg	0.000551 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				18 mg/kg	1.126	16.618 mg/kg	0.00166 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	24 mg/kg		19.68 mg/kg	0.00197 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				25 mg/kg	1.579	32.38 mg/kg	0.00324 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.9 pH		7.9 pH	7.9 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				57 mg/kg	1.245	58.178 mg/kg	0.00582 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				51 mg/kg	1.785	74.656 mg/kg	0.00747 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0289 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP203--21122021-1.00

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

Sample details

Sample name:	LoW Code:
CP203--21122021-1.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
14% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

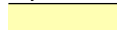




Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	15.897 mg/kg	0.00159 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.89 mg/kg	2.775	2.124 mg/kg	0.000212 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.4 mg/kg	13.43	4.62 mg/kg	0.000462 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				18 mg/kg	1.126	17.429 mg/kg	0.00174 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	15 mg/kg		12.9 mg/kg	0.00129 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				24 mg/kg	1.579	32.601 mg/kg	0.00326 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.9 pH		7.9 pH	7.9 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				51 mg/kg	1.245	54.593 mg/kg	0.00546 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				40 mg/kg	1.785	61.41 mg/kg	0.00614 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0256 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP203--21122021-3.00

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

Sample details

Sample name:	LoW Code:
CP203--21122021-3.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
16% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.31 mg/kg		0.26 mg/kg	0.000026 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	19 mg/kg	1.32	21.072 mg/kg	0.00211 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.1 mg/kg		0.924 mg/kg	0.0000924 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.1 mg/kg		0.924 mg/kg	0.0000924 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.2 mg/kg		1.008 mg/kg	0.000101 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	0.59 mg/kg		0.496 mg/kg	0.0000496 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.47 mg/kg		0.395 mg/kg	0.0000395 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.798 mg/kg	0.00028 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.1 mg/kg	13.43	12.409 mg/kg	0.00124 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	1 mg/kg		0.84 mg/kg	0.000084 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	34 mg/kg	1.126	32.155 mg/kg	0.00322 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
19	fluoranthene 205-912-4 206-44-0				2.5 mg/kg		2.1 mg/kg	0.00021 %	✓		
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
21	indeno[123-cd]pyrene 205-893-2 193-39-5				0.53 mg/kg		0.445 mg/kg	0.0000445 %	✓		
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	41 mg/kg		34.44 mg/kg	0.00344 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD	
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				26 mg/kg	1.579	34.496 mg/kg	0.00345 %	✓		
26	pH PH				7.5 pH		7.5 pH	7.5 pH			
27	phenanthrene 201-581-5 85-01-8				1.3 mg/kg		1.092 mg/kg	0.000109 %	✓		
28	pyrene 204-927-3 129-00-0				2.1 mg/kg		1.764 mg/kg	0.000176 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD	
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				94 mg/kg	1.245	98.283 mg/kg	0.00983 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				52 mg/kg	1.785	77.977 mg/kg	0.0078 %	✓		
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP203--21122021-5.00

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

Sample details

Sample name:	LoW Code:
CP203--21122021-5.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
12% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	17.428 mg/kg	0.00174 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.57 mg/kg		0.502 mg/kg	0.0000502 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.65 mg/kg		0.572 mg/kg	0.0000572 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.51 mg/kg		0.449 mg/kg	0.0000449 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	0.39 mg/kg		0.343 mg/kg	0.0000343 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.43 mg/kg		0.378 mg/kg	0.0000378 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.96 mg/kg	2.775	2.345 mg/kg	0.000234 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.4 mg/kg	13.43	16.546 mg/kg	0.00165 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	34 mg/kg	1.462	49.693 mg/kg	0.00497 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.53 mg/kg		0.466 mg/kg	0.0000466 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	26 mg/kg	1.126	25.76 mg/kg	0.00258 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
19	fluoranthene 205-912-4 206-44-0				1.3 mg/kg		1.144 mg/kg	0.000114 %	✓		
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
21	indeno[123-cd]pyrene 205-893-2 193-39-5				0.3 mg/kg		0.264 mg/kg	0.0000264 %	✓		
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	43 mg/kg		37.84 mg/kg	0.00378 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD	
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				23 mg/kg	1.579	31.969 mg/kg	0.0032 %	✓		
26	pH PH				7.7 pH		7.7 pH	7.7 pH			
27	phenanthrene 201-581-5 85-01-8				0.63 mg/kg		0.554 mg/kg	0.0000554 %	✓		
28	pyrene 204-927-3 129-00-0				1.1 mg/kg		0.968 mg/kg	0.0000968 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD	
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				80 mg/kg	1.245	87.628 mg/kg	0.00876 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				43 mg/kg	1.785	67.551 mg/kg	0.00676 %	✓		
Total:									0.035 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP207--21122021-1.00

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

Sample details

Sample name:	LoW Code:
CP207--21122021-1.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
12% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	22 mg/kg	1.32	25.561 mg/kg	0.00256 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.419 mg/kg	0.000342 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.6 mg/kg	13.43	7.091 mg/kg	0.000709 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	34 mg/kg	1.462	49.693 mg/kg	0.00497 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	20 mg/kg	1.126	19.816 mg/kg	0.00198 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	24 mg/kg		21.12 mg/kg	0.00211 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				29 mg/kg	1.579	40.309 mg/kg	0.00403 %	✓		
26	pH PH				8 pH		8 pH	8pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				79 mg/kg	1.245	86.533 mg/kg	0.00865 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				57 mg/kg	1.785	89.545 mg/kg	0.00895 %	✓		
Total:									0.0351 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP207--21122021-3.00

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

Sample details

Sample name:	LoW Code:	
CP207--21122021-3.00	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20% (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.32 mg/kg		0.256 mg/kg	0.0000256 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	16.9 mg/kg	0.00169 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.99 mg/kg		0.792 mg/kg	0.0000792 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.9 mg/kg		0.72 mg/kg	0.000072 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.84 mg/kg		0.672 mg/kg	0.0000672 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	0.54 mg/kg		0.432 mg/kg	0.0000432 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.51 mg/kg		0.408 mg/kg	0.0000408 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.664 mg/kg	0.000266 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.5 mg/kg	13.43	16.116 mg/kg	0.00161 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	45 mg/kg	1.462	65.77 mg/kg	0.00658 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.7 mg/kg		0.56 mg/kg	0.000056 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	28 mg/kg	1.126	25.22 mg/kg	0.00252 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
19	fluoranthene 205-912-4 206-44-0				2.2 mg/kg		1.76 mg/kg	0.000176 %	✓		
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
21	indeno[123-cd]pyrene 205-893-2 193-39-5				0.45 mg/kg		0.36 mg/kg	0.000036 %	✓		
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	30 mg/kg		24 mg/kg	0.0024 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD	
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				27 mg/kg	1.579	34.117 mg/kg	0.00341 %	✓		
26	pH PH				7.9 pH		7.9 pH	7.9 pH			
27	phenanthrene 201-581-5 85-01-8				1.8 mg/kg		1.44 mg/kg	0.000144 %	✓		
28	pyrene 204-927-3 129-00-0				1.8 mg/kg		1.44 mg/kg	0.000144 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD	
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				110 mg/kg	1.245	109.535 mg/kg	0.011 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				53 mg/kg	1.785	75.692 mg/kg	0.00757 %	✓		
Total:									0.0386 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP207--21122021-5.00

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

Sample details

Sample name: CP207--21122021-5.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 21% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		0.25 mg/kg		0.198 mg/kg	0.0000198 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.7 mg/kg		0.553 mg/kg	0.0000553 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	23 mg/kg	1.32	23.99 mg/kg	0.0024 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	2.2 mg/kg		1.738 mg/kg	0.000174 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.8 mg/kg		1.422 mg/kg	0.000142 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2 mg/kg		1.58 mg/kg	0.000158 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	1 mg/kg		0.79 mg/kg	0.000079 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.79 mg/kg		0.624 mg/kg	0.0000624 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2 mg/kg	2.775	2.631 mg/kg	0.000263 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.8 mg/kg	13.43	8.488 mg/kg	0.000849 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	1.3 mg/kg		1.027 mg/kg	0.000103 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	31 mg/kg	1.126	27.573 mg/kg	0.00276 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				4.6 mg/kg		3.634 mg/kg	0.000363 %	✓		
20	fluorene 201-695-5 86-73-7				0.47 mg/kg		0.371 mg/kg	0.0000371 %	✓		
21	indeno[123-cd]pyrene 205-893-2 193-39-5				0.83 mg/kg		0.656 mg/kg	0.0000656 %	✓		
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	44 mg/kg		34.76 mg/kg	0.00348 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				0.32 mg/kg		0.253 mg/kg	0.0000253 %	✓		
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				26 mg/kg	1.579	32.443 mg/kg	0.00324 %	✓		
26	pH PH				8.1 pH		8.1 pH	8.1 pH			
27	phenanthrene 201-581-5 85-01-8				3.7 mg/kg		2.923 mg/kg	0.000292 %	✓		
28	pyrene 204-927-3 129-00-0				3.7 mg/kg		2.923 mg/kg	0.000292 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				120 mg/kg	1.245	117.999 mg/kg	0.0118 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				68 mg/kg	1.785	95.9 mg/kg	0.00959 %	✓		
Total:									0.0425 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP207--21122021-8.00

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

Sample details

Sample name: CP207--21122021-8.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	18.63 mg/kg	0.00186 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.534 mg/kg	0.000253 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.4 mg/kg	13.43	4.459 mg/kg	0.000446 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	24 mg/kg	1.126	22.428 mg/kg	0.00224 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	15 mg/kg		12.45 mg/kg	0.00125 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				31 mg/kg	1.579	40.641 mg/kg	0.00406 %	✓		
26	pH PH				7.7 pH		7.7 pH	7.7 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				66 mg/kg	1.245	68.185 mg/kg	0.00682 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				47 mg/kg	1.785	69.64 mg/kg	0.00696 %	✓		
Total:									0.0289 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP208--21122021-1.00

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

Sample details

Sample name: CP208--21122021-1.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 11% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified






Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	21 mg/kg	1.32	24.677 mg/kg	0.00247 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1 mg/kg	2.775	2.47 mg/kg	0.000247 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	10.757 mg/kg	0.00108 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				15 mg/kg	1.126	15.031 mg/kg	0.0015 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	12 mg/kg		10.68 mg/kg	0.00107 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				25 mg/kg	1.579	35.144 mg/kg	0.00351 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.4 pH		7.4 pH	7.4 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				59 mg/kg	1.245	65.36 mg/kg	0.00654 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				51 mg/kg	1.785	81.03 mg/kg	0.0081 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0303 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP208--21122021-3.00

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

Sample details

Sample name: CP208--21122021-3.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 16% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified



Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	31	mg/kg	1.32	34.381	mg/kg	0.00344 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2	mg/kg	2.775	2.798	mg/kg	0.00028 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	1.4	mg/kg	13.43	15.794	mg/kg	0.00158 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	40	mg/kg	1.462	58.462	mg/kg	0.00585 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	25	mg/kg	1.126	23.644	mg/kg	0.00236 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				0.37 mg/kg		0.311 mg/kg	0.0000311 %	✓	
		205-912-4	206-44-0							
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26 mg/kg		21.84 mg/kg	0.00218 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				29 mg/kg	1.579	38.477 mg/kg	0.00385 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				7.7 pH		7.7 pH	7.7 pH		
			PH							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	pyrene				0.38 mg/kg		0.319 mg/kg	0.0000319 %	✓	
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				84 mg/kg	1.245	87.827 mg/kg	0.00878 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				110 mg/kg	1.785	164.951 mg/kg	0.0165 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0457 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP208--21122021-5.00

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

Sample details

Sample name:	LoW Code:
CP208--21122021-5.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (wet weight correction)	

Hazard properties

None identified

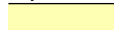




Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	19.977 mg/kg	0.002 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.72 mg/kg		0.641 mg/kg	0.0000641 %	✓	
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.64 mg/kg		0.57 mg/kg	0.000057 %	✓	
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.45 mg/kg		0.401 mg/kg	0.0000401 %	✓	
9	benzo[ghi]perylene		205-883-8	191-24-2	0.43 mg/kg		0.383 mg/kg	0.0000383 %	✓	
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.71 mg/kg		0.632 mg/kg	0.0000632 %	✓	
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.93 mg/kg	2.775	2.297 mg/kg	0.00023 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	1.8 mg/kg	13.43	21.515 mg/kg	0.00215 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			215-160-9	28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	0.47 mg/kg		0.418 mg/kg	0.0000418 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				24 mg/kg	1.126	24.049 mg/kg	0.0024 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				1.1 mg/kg		0.979 mg/kg	0.0000979 %	✓	
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				0.38 mg/kg		0.338 mg/kg	0.0000338 %	✓	
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	23 mg/kg		20.47 mg/kg	0.00205 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				22 mg/kg	1.579	30.927 mg/kg	0.00309 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.8 pH		7.8 pH	7.8 pH		
			PH							
29	phenanthrene				0.44 mg/kg		0.392 mg/kg	0.0000392 %	✓	
		201-581-5	85-01-8							
30	pyrene				1 mg/kg		0.89 mg/kg	0.000089 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				19 mg/kg		16.91 mg/kg	0.00169 %	✓	
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				69 mg/kg	1.245	76.438 mg/kg	0.00764 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				48 mg/kg	1.785	76.263 mg/kg	0.00763 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0343 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No Free product identified. Samples are wet and unlikely to be hazardous


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00169%)

Classification of sample: CP209--21122021-2.00

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

Sample details

Sample name:	LoW Code:
CP209--21122021-2.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
19% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified






Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	215-481-4	1327-53-3		16 mg/kg	1.32	17.111 mg/kg	0.00171 %	✓	
5	benzene	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	215-133-1	1304-56-9		0.99 mg/kg	2.775	2.226 mg/kg	0.000223 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	9.79 mg/kg	0.000979 %	✓	
13	cadmium { cadmium sulfide }	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %		
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				26 mg/kg	1.126	23.711 mg/kg	0.00237 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	13 mg/kg		10.53 mg/kg	0.00105 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				29 mg/kg	1.579	37.102 mg/kg	0.00371 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.7 pH		7.7 pH	7.7 pH		
			PH							
29	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				72 mg/kg	1.245	72.592 mg/kg	0.00726 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				39 mg/kg	1.785	56.394 mg/kg	0.00564 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0285 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP209--21122021-4.00

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

Sample details

Sample name: CP209--21122021-4.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 10% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified



Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	31	mg/kg	1.32	36.837	mg/kg	0.00368 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1	mg/kg	2.775	2.748	mg/kg	0.000275 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.6	mg/kg	13.43	7.252	mg/kg	0.000725 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	8.7	mg/kg	1.126	8.816	mg/kg	0.000882 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	9.4 mg/kg		8.46 mg/kg	0.000846 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				22 mg/kg	1.579	31.274 mg/kg	0.00313 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				8 pH		8 pH	8pH		
			PH							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				64 mg/kg	1.245	71.696 mg/kg	0.00717 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				66 mg/kg	1.785	106.04 mg/kg	0.0106 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP210--21122021-1.20

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

Sample details

Sample name:	LoW Code:
CP210--21122021-1.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
13% (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

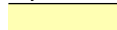




Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	17.23 mg/kg	0.00172 %	✓	
5	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
6	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.89 mg/kg	2.775	2.149 mg/kg	0.000215 %	✓	
12	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	1 mg/kg	13.43	11.684 mg/kg	0.00117 %	✓	
13	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
14	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 %	
15	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	copper { dicopper oxide; copper (I) oxide }				20 mg/kg	1.126	19.59 mg/kg	0.00196 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
19	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
20	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	fluoranthene				0.5 mg/kg		0.435 mg/kg	0.0000435 %	✓	
		205-912-4	206-44-0							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
24	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	13 mg/kg		11.31 mg/kg	0.00113 %	✓	
	082-001-00-6									
25	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
26	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
27	nickel { nickel dihydroxide }				25 mg/kg	1.579	34.354 mg/kg	0.00344 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
28	pH				7.7 pH		7.7 pH	7.7 pH		
			PH							
29	phenanthrene				0.26 mg/kg		0.226 mg/kg	0.0000226 %	✓	
		201-581-5	85-01-8							
30	pyrene				0.45 mg/kg		0.391 mg/kg	0.0000391 %	✓	
		204-927-3	129-00-0							
31	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
32	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
34	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	zinc { zinc oxide }				57 mg/kg	1.245	61.725 mg/kg	0.00617 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
36	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	vanadium { divanadium pentaoxide; vanadium pentoxide }				41 mg/kg	1.785	63.678 mg/kg	0.00637 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0277 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
	This determinand is defined in the EU CLP Table 3
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: CP210--21122021-4.00

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

Sample details

Sample name: CP210--21122021-4.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		1.5 mg/kg		1.245 mg/kg	0.000125 %	✓	
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		2.3 mg/kg		1.909 mg/kg	0.000191 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	18.63 mg/kg	0.00186 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	7.2 mg/kg		5.976 mg/kg	0.000598 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	6.1 mg/kg		5.063 mg/kg	0.000506 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	4.5 mg/kg		3.735 mg/kg	0.000373 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	3.7 mg/kg		3.071 mg/kg	0.000307 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	5.9 mg/kg		4.897 mg/kg	0.00049 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3 mg/kg	2.775	2.995 mg/kg	0.000299 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.9 mg/kg	13.43	10.032 mg/kg	0.001 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	5 mg/kg		4.15 mg/kg	0.000415 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	44 mg/kg	1.126	41.117 mg/kg	0.00411 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				0.73 mg/kg		0.606 mg/kg	0.0000606 %		✓	
19	fluoranthene 205-912-4 206-44-0				16 mg/kg		13.28 mg/kg	0.00133 %		✓	
20	fluorene 201-695-5 86-73-7				0.82 mg/kg		0.681 mg/kg	0.0000681 %		✓	
21	indeno[123-cd]pyrene 205-893-2 193-39-5				3.1 mg/kg		2.573 mg/kg	0.000257 %		✓	
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	80 mg/kg		66.4 mg/kg	0.00664 %		✓	
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				0.2 mg/kg		0.166 mg/kg	0.0000166 %		✓	
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				26 mg/kg	1.579	34.086 mg/kg	0.00341 %		✓	
26	pH PH				7.9 pH		7.9 pH	7.9 pH			
27	phenanthrene 201-581-5 85-01-8				5.8 mg/kg		4.814 mg/kg	0.000481 %		✓	
28	pyrene 204-927-3 129-00-0				13 mg/kg		10.79 mg/kg	0.00108 %		✓	
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				120 mg/kg	1.245	123.974 mg/kg	0.0124 %		✓	
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				58 mg/kg	1.785	85.939 mg/kg	0.00859 %		✓	
Total:									0.0497 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP210--21122021-2.00

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

Sample details

Sample name: CP210--21122021-2.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		0.25 mg/kg		0.208 mg/kg	0.0000208 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	16.438 mg/kg	0.00164 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.1 mg/kg		0.913 mg/kg	0.0000913 %	✓	
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.93 mg/kg		0.772 mg/kg	0.0000772 %	✓	
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.8 mg/kg		0.664 mg/kg	0.0000664 %	✓	
8	benzo[ghi]perylene		205-883-8	191-24-2	0.62 mg/kg		0.515 mg/kg	0.0000515 %	✓	
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.77 mg/kg		0.639 mg/kg	0.0000639 %	✓	
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.534 mg/kg	0.000253 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.8 mg/kg	13.43	8.918 mg/kg	0.000892 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.71 mg/kg		0.589 mg/kg	0.0000589 %	✓	
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	25 mg/kg	1.126	23.362 mg/kg	0.00234 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				2 mg/kg		1.66 mg/kg	0.000166 %	✓		
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				0.49 mg/kg		0.407 mg/kg	0.0000407 %	✓		
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	33 mg/kg		27.39 mg/kg	0.00274 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				25 mg/kg	1.579	32.775 mg/kg	0.00328 %	✓		
26	pH PH				7.7 pH		7.7 pH	7.7 pH			
27	phenanthrene 201-581-5 85-01-8				1.3 mg/kg		1.079 mg/kg	0.000108 %	✓		
28	pyrene 204-927-3 129-00-0				1.7 mg/kg		1.411 mg/kg	0.000141 %	✓		
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				92 mg/kg	1.245	95.046 mg/kg	0.0095 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				41 mg/kg	1.785	60.75 mg/kg	0.00607 %	✓		
Total:									0.0322 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP210--21122021-3.00

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

Sample details

Sample name: CP210--21122021-3.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	9.9 mg/kg	1.32	10.849 mg/kg	0.00108 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.73 mg/kg	2.775	1.682 mg/kg	0.000168 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.4 mg/kg	13.43	4.459 mg/kg	0.000446 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	14 mg/kg	1.126	13.083 mg/kg	0.00131 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	10 mg/kg		8.3 mg/kg	0.00083 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				21 mg/kg	1.579	27.531 mg/kg	0.00275 %	✓		
26	pH PH				7.9 pH		7.9 pH	7.9 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				50 mg/kg	1.245	51.656 mg/kg	0.00517 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				30 mg/kg	1.785	44.451 mg/kg	0.00445 %	✓		
Total:									0.0199 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP210--21122021-5.50

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

Sample details

Sample name: CP210--21122021-5.50	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 15% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	16.834 mg/kg	0.00168 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.86 mg/kg	2.775	2.029 mg/kg	0.000203 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1.1 mg/kg	13.43	12.557 mg/kg	0.00126 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	28 mg/kg	1.126	26.796 mg/kg	0.00268 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	12 mg/kg		10.2 mg/kg	0.00102 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				26 mg/kg	1.579	34.907 mg/kg	0.00349 %	✓		
26	pH PH				7.8 pH		7.8 pH	7.8 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				55 mg/kg	1.245	58.19 mg/kg	0.00582 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				37 mg/kg	1.785	56.144 mg/kg	0.00561 %	✓		
Total:									0.0262 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP210--21122021-7.00

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

Sample details

Sample name: CP210--21122021-7.00	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 19% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	18.181 mg/kg	0.00182 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1 mg/kg	2.775	2.473 mg/kg	0.000247 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		1 mg/kg	13.43	10.878 mg/kg	0.00109 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	18 mg/kg	1.126	16.415 mg/kg	0.00164 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	13 mg/kg		10.53 mg/kg	0.00105 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				28 mg/kg	1.579	35.823 mg/kg	0.00358 %	✓		
26	pH PH				7.8 pH		7.8 pH	7.8 pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				69 mg/kg	1.245	69.567 mg/kg	0.00696 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				41 mg/kg	1.785	59.286 mg/kg	0.00593 %	✓		
Total:									0.0271 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: CP210--21122021-8.00

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

Sample details

Sample name:	LoW Code:
CP210--21122021-8.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
13% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	42 mg/kg	1.32	48.245 mg/kg	0.00482 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	2.2 mg/kg	2.775	5.312 mg/kg	0.000531 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		0.3 mg/kg	13.43	3.505 mg/kg	0.000351 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	48 mg/kg	1.462	70.155 mg/kg	0.00702 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	15 mg/kg	1.126	14.693 mg/kg	0.00147 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
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				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	17 mg/kg		14.79 mg/kg	0.00148 %	✓		
23	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
24	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				35 mg/kg	1.579	48.096 mg/kg	0.00481 %	✓		
26	pH PH				8 pH		8 pH	8pH			
27	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
30	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				130 mg/kg	1.245	140.777 mg/kg	0.0141 %	✓		
31	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				120 mg/kg	1.785	186.373 mg/kg	0.0186 %	✓		
Total:									0.054 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Aquatic Chronic 2; H411

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H330, Acute Tox. 1; H310, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 23 Jul 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

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

Data source: N/A

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

GB MCL index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

GB MCL index number: 601-023-00-4

Description/Comments:

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

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

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

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

GB MCL index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers many simple lead compounds to be Carcinogenic category 2
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

■ **pH** (CAS Number: PH)

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

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

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

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

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

■ **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

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

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

■ **divanadium pentoxide; vanadium pentoxide** (EC Number: 215-239-8, CAS Number: 1314-62-1)

EU CLP index number: 023-001-00-8
Description/Comments:
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Hazard Statements: Muta. 2; H341, Repr. 2; H361d, STOT RE 1; H372, Acute Tox. 4; H332, Acute Tox. 4; H302, STOT SE 3; H335, Aquatic Chronic 2; H411

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

beryllium {beryllium oxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Worst case species

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

Worst case species based on hazard statements

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

zinc {zinc oxide}

Worst case species based on hazard statements

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species based on hazard statements.

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2017.202.300.300 (23 Mar 2022)

HazWasteOnline Database: 2022.81.5064.9565 (22 Mar 2022)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

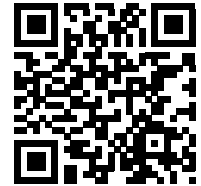
2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021

Waste Classification Report

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

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



7ZXAI-OTP16-X95XZ

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

Job name

21-30663_HWOL_Results

Description/Comments

Lab Cert 21-30663

Project

18443

Site

Huntingdon Road, Thrapston

Classified by

Name: **Nathan Thompson**
 Date: **25 Mar 2022 14:39 GMT**
 Telephone: **07557 345 513**

Company: **Hydrock Consultants Ltd**
Hawthorn Park
Holdenby Road, Spratton
Northampton
NN6 8LD

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 22 Apr 2021

Next 3 year Refresher due by Apr 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP223--26112021-0.20		Non Hazardous		2
2	TP242--22112021-0.10		Non Hazardous		4

Related documents

#	Name	Description
1	21-30663_HWOL_Results.hwol	.hwol file used to create the Job
2	Hydrock Standard plus Cresol (ammended Lead)	waste stream template used to create this Job

Report

Created by: Nathan Thompson

Created date: 25 Mar 2022 14:39 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	6
Appendix B: Rationale for selection of metal species	7
Appendix C: Version	8

Classification of sample: TP223--26112021-0.20

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

Sample details

Sample name: TP223--26112021-0.20	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 15% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified



Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17	mg/kg	1.32	19.079	mg/kg	0.00191 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1	mg/kg	2.775	2.595	mg/kg	0.000259 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.8	mg/kg	13.43	9.132	mg/kg	0.000913 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
13	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 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	24	mg/kg	1.126	22.968	mg/kg	0.0023 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	33 mg/kg		28.05 mg/kg	0.00281 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				29 mg/kg	1.579	38.935 mg/kg	0.00389 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				8 pH		8 pH	8pH		
			PH							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				77 mg/kg	1.245	81.467 mg/kg	0.00815 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				54 mg/kg	1.785	81.94 mg/kg	0.00819 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0336 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP242--22112021-0.10

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

Sample details

Sample name: TP242--22112021-0.10	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: 17% (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified



Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
2	acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
3	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	18	mg/kg	1.32	19.726	mg/kg	0.00197 %	✓	
5	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
6	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
7	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
8	benzo[ghi]perylene		205-883-8	191-24-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
10	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2	mg/kg	2.775	2.764	mg/kg	0.000276 %	✓	
11	boron { boron tribromide/trichloride/trifluoride (combined) }			10294-33-4, 10294-34-5, 7637-07-2	0.6	mg/kg	13.43	6.688	mg/kg	0.000669 %	✓	
12	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
13	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	34	mg/kg	1.462	49.693	mg/kg	0.00497 %		
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
15	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	29	mg/kg	1.126	27.1	mg/kg	0.00271 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
20	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
21	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
22	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	41 mg/kg		34.03 mg/kg	0.0034 %	✓	
	082-001-00-6									
23	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	nickel { nickel dihydroxide }				31 mg/kg	1.579	40.641 mg/kg	0.00406 %	✓	
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
26	pH				7.5 pH		7.5 pH	7.5 pH		
			PH							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
29	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
30	zinc { zinc oxide }				95 mg/kg	1.245	98.146 mg/kg	0.00981 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
32	vanadium { divanadium pentaoxide; vanadium pentoxide }				59 mg/kg	1.785	87.421 mg/kg	0.00874 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
Total:								0.0374 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

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

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

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

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

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

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

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

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

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

Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride
Data source: N/A
Data source date: 06 Aug 2015
Hazard Statements: EUH014, Acute Tox. 2; H330, Acute Tox. 2; H300, Skin Corr. 1A; H314, Skin Corr. 1B; H314

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

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

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

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazard(s) Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

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

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

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

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

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

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

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

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

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

Reason for additional Hazards Statement(s):

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

• **pH (CAS Number: PH)**

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Muta. 2; H341, Acute Tox. 3; H331, Acute Tox. 3; H311, Acute Tox. 3; H301, STOT RE 2; H373, Skin Corr. 1B; H314, Skin Corr. 1B; H314 >= 3 %, Skin Irrit. 2; H315 1 £ conc. < 3 %, Eye Irrit. 2; H319 1 £ conc. < 3 %, Aquatic Chronic 2; H411

• **divanadium pentoxide; vanadium pentoxide (EC Number: 215-239-8, CAS Number: 1314-62-1)**

EU CLP index number: 023-001-00-8

Description/Comments:

Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)

Hazard Statements: Muta. 2; H341, Repr. 2; H361d, STOT RE 1; H372, Acute Tox. 4; H332, Acute Tox. 4; H302, STOT SE 3; H335, Aquatic Chronic 2; H411

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

beryllium {beryllium oxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Worst case species

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

Worst case species based on hazard statements

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

zinc {zinc oxide}

Worst case species based on hazard statements

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species based on hazard statements.

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**
 HazWasteOnline Classification Engine Version: 2017.202.300.300 (23 Mar 2022)
 HazWasteOnline Database: 2022.81.5064.9565 (22 Mar 2022)

This classification utilises the following guidance and legislation:

- WM3 v1.2.GB - Waste Classification** - 1st Edition v1.2.GB - Oct 2021
- CLP Regulation** - Regulation 1272/2008/EC of 16 December 2008
- 1st ATP** - Regulation 790/2009/EC of 10 August 2009
- 2nd ATP** - Regulation 286/2011/EC of 10 March 2011
- 3rd ATP** - Regulation 618/2012/EU of 10 July 2012
- 4th ATP** - Regulation 487/2013/EU of 8 May 2013
- Correction to 1st ATP** - Regulation 758/2013/EU of 7 August 2013
- 5th ATP** - Regulation 944/2013/EU of 2 October 2013
- 6th ATP** - Regulation 605/2014/EU of 5 June 2014
- WFD Annex III replacement** - Regulation 1357/2014/EU of 18 December 2014
- Revised List of Waste 2014** - Decision 2014/955/EU of 18 December 2014
- 7th ATP** - Regulation 2015/1221/EU of 24 July 2015
- 8th ATP** - Regulation (EU) 2016/918 of 19 May 2016
- 9th ATP** - Regulation (EU) 2016/1179 of 19 July 2016
- 10th ATP** - Regulation (EU) 2017/776 of 4 May 2017
- HP14 amendment** - Regulation (EU) 2017/997 of 8 June 2017
- 13th ATP** - Regulation (EU) 2018/1480 of 4 October 2018
- 14th ATP** - Regulation (EU) 2020/217 of 4 October 2019
- 15th ATP** - Regulation (EU) 2020/1182 of 19 May 2020
- The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020** - UK: 2020 No. 1567 of 16th December 2020
- The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020** - UK: 2020 No. 1540 of 16th December 2020
- GB MCL List** - version 1.1 of 09 June 2021

Appendix E Plausible Source-Pathway-Receptor Contaminant Linkages

Summary of Potential Contaminant Linkages

Table E.2 lists the plausible contaminant linkages which have been identified. These are considered as potentially unacceptable risks in line with guidelines published in LCRM (2021) and additional risk assessment is required.

Source – Pathway – Receptor Linkages have been assessed in general accordance with guidance in CIRIA Report C552 (Rudland et al 2001) but modified to add a ‘no linkage’ category and to remove low/moderate risk (See Table E.1). Further information including descriptions of typical examples of probability and consequences.

It should be noted that whilst the risk assessment process undertaken in this report may identify potential risks to site demolition and redevelopment workers, consideration of occupational health and safety issues is beyond the scope of this report and need to be considered separately in the Construction Phase Health and Safety Plan.

Table E.1: Consequence versus probability assessment.

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Low risk	Very low risk
	Low Likelihood	Moderate risk	Low risk	Low risk	Very low risk
	Unlikely	Low risk	Very low risk	Very low risk	Very low risk
	No Linkage	No risk			

Table E.2: Exposure model – final source-pathway-receptor contaminant linkages

Sources	Pathways	Receptors	Probability	Consequence	Risk Level	Comments
Made Ground associated with the sand and gravel pit / landfill materials in the south-west (S1)	Ingestion or direct contact.	Site users.	Low likelihood	Mild	Low	With regards to soils, whilst there are some isolated elevated concentrations of CoPC site investigation has not identified any significant concentrations of CoPC, which are generally recorded are below the GACs for a commercial end use. Asbestos fibres (up to 0.002%) are present sporadically within the topsoil above the landfill, within the landfill and in the Made Ground at Castle Manor Farm. One fragment of asbestos cement identified on the surface, although potentially associated with site movements from farm yard areas. No visual asbestos fragments encountered during site investigation. However, ACM may be present in the Made Ground and a watching brief should be undertaken.
	Inhalation of fugitive dust.	Site users. Neighbours.	Low likelihood	Mild	Low	
	Inhalation of fibres.	Site users. Neighbours.	Low likelihood	Severe	Moderate	
Made Ground associated with the infilled 'Old Stone Pits' in the south-east (S2)	Inhalation of fibres.	Neighbours.	Unlikely	Severe	low	Any ACM is to be hand picked and disposed off-site. Asbestos fibres are present in low concentrations and airborne dust will be mitigated by the use of wetting down, which will restrict transmission of asbestos fibres.
	Leaching through unsaturated zone.	Groundwater and possible abstractors.	Low likelihood	Medium	Low	Risks to groundwater and surface water from the site have been discounted at the risk evaluation stage as concentrations of CoPC identified in groundwater and surface water are considered to be limited to the landfill and immediate surrounds, farm area or representative of the wider groundwater environment. The underlying Principal Aquifer (Blisworth Limestone Aquifer) appears to be unaffected.
Made Ground associated with Castle Manor Farm and access roads in the centre east and buildings in the west (S3)	Surface run-off.	Aquatic ecosystems.	Low likelihood	Medium	Low	
	Base flow from contaminated groundwater.	Surface water and possible abstractors.	Low likelihood	Medium	Low	
	Plant Uptake	Plant life.	Unlikely	Minor	Very Low	Screening of results against GAC for plant life did not indicate any exceedances. Made Ground is unlikely to be a suitable growing material.
	Direct Contact	Water Supply Pipes	High likelihood	Mild	Moderate	Whilst there are elevated concentrations of contaminants with regard to potable water supply pipes, the Made Ground is to be excavated and placed in landscape areas or at depth below development platforms as part of materials management. All Made Ground will be placed away from potable water routes and suitable materials will be used in service trenches.

Sources	Pathways	Receptors	Probability	Consequence	Risk Level	Comments
Hydrocarbon fuels from ASTs, the pipework between tanks and pumps and general spillage around Castle Manor Farm (S4)	Ingestion or direct contact.	Site users.	Low Likelihood	Mild	Low	Petroleum hydrocarbons were recorded in RBH-117 within the Blisworth Clay Formation at low concentrations (maximum of 19mg/kg). All concentrations of petroleum hydrocarbons were below the GAC for a commercial end use. Excavation and removal during demolition and enablement (if present).
	Inhalation of fugitive dust	Site users. Neighbours.				
	Inhalation of vapours.	Site users. Neighbours.				
	Leaching through unsaturated zone.	Groundwater and possible abstractors.	Unlikely	Medium	Very Low	Assessed as low risk due to underlying strata based on the cohesive nature of the Blisworth Clay Formation. Minimal concentrations encountered within groundwater (RBH-117) but no exceedances in the pond adjacent to this location.
	Surface run-off	Aquatic ecosystems, surface water and possible abstractions.				
	Base flow from contaminated groundwater.					
Ground gases (carbon dioxide and methane) from organic materials in the Made Ground (S5)	Migration and build up leading to asphyxiation or explosion.	Site users.	Low Likelihood	Severe	Moderate	Worst case CS3 conditions (typically CS2) are recorded in the south-west of the site, in the Made Ground - Landfill. Typically, CS2 conditions are recorded for the remainder of the site. Based on site levels it is anticipated the Landfill Made Ground will be excavated, and managed (or recovered) within landscaped bunds, or as part of the bulk earthworks at depth following removal or significant organics. This will remove the source of ground gas for building and pavement areas. However, additional monitoring is likely to be required to confirm the ground gas regime post cut to fill works and classification will be subject to regulatory approval. Allow CS2 gas protection at this stage. However, confirmatory monitoring will be required post earthworks.
		Neighbours.	Unlikely	Medium	Very Low	
	Migration and build up leading to explosion.	Buildings	Low likelihood	Severe	Moderate	

Sources	Pathways	Receptors	Probability	Consequence	Risk Level	Comments
Asbestos within existing buildings and structures around Castle Manor Farm and buildings in the west (S6)	Inhalation of fibres.	Site users.	Low likelihood	Severe	Moderate	Asbestos may be present in existing buildings. An asbestos building survey should be undertaken and if asbestos identified, careful removal will be required from buildings during demolition. However, removal under controlled conditions should limit release of fibres to the air and the ground.
		Neighbours.	Unlikely	Severe	Low	
Pesticides and herbicides associated with historical farming practices (S7)	Ingestion or direct contact	Site users.	No Linkage			Pesticides and herbicides were not recorded during any of the laboratory testing. Assessed as no-linkage due to a lack of significant source.
	Inhalation of fugitive dust.	Site users. Neighbours.				
	Leaching through unsaturated zone.	Groundwater and possible abstractors.				
	Surface run-off.	Aquatic ecosystems.				
	Base flow from contaminated groundwater.	Surface water and possible abstractors.				
Radon	Inhalation.	Site Users		No Linkage		BR211 indicates the site is in a low radon area and no radon protection is required.