

# PHASE 2 REPORT ON A SITE INVESTIGATION

Site

**PEAR TREE FARM,  
FURNERS LANE, WOODMANCOTE,  
WEST SUSSEX BN5 9HX**

Client

**MANORWOOD**

Report Ref

**25/13289/GO**

Issued

**January 2026**

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| DOCUMENT CONTROL |                                            |             |           |                 |
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| Contract         | Furners Lane, Woodmancote                  |             |           |                 |
| Client           | Manorwood                                  |             |           |                 |
| Report Reference | 25/13289/GO                                |             |           |                 |
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The following foreword should be read in conjunction with this report. Any variations on the general procedures outlined below are indicated in the text.

## **FOREWORD**

The recommendations made and opinions expressed in this Report are based on the strata conditions revealed by the fieldworks as indicated on the exploratory records, together with an assessment of the data from in situ and laboratory tests. No liability can be accepted for conditions which have not been revealed by the fieldworks, for example, between exploratory positions. While this Report may offer opinions on the possible configuration of strata, both between the excavations and below the maximum depth achieved by the investigation, these comments are for guidance only and no liability can be accepted for their accuracy. The data obtained relate to the conditions which are relevant at the time of the investigation.

The groundwater observations entered on exploratory records are those noted at the time of the investigation. The normal rate of progress does not usually permit the recording of any equilibrium water level for any one water strike. It should be noted that groundwater levels are prone to seasonal variation and to changes in local drainage conditions. The word 'none' indicates that groundwater was sealed off by the borehole casing or that no water was observed in the exploratory hole upon completion.

It should be appreciated that this report does not constitute a Geotechnical Design Report (GDR) as defined in Eurocode 7 and no aspect of this report constitutes a design. Specific sections of this report are generally in line with the guidance set out in Eurocode 7 for a Ground Investigation Report (GIR), as defined within BS EN 1997:-2 (2024). This provides guidance on the number and spacing of investigation positions, methods of investigation and sample quality class to be achieved which may not have been met by this investigation.

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REPORT REF: 25/13289/GO  
CONTRACT: FURNERS LANE, WOODMANCOTE

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## EXECUTIVE SUMMARY

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This investigation has demonstrated that made ground overlies soils associated with the weathered margins of the Upper Greensand Formation of Cretaceous age. The results of the geochemical analysis have recorded high levels of PAH derived from coal tar/binder, within the near surface made ground. This may result in increased costs for disposal and therefore, should be segregated from other waste soil arisings generated on the site. The proposal is for continued industrial/commercial use and for replacement hardstanding which will encapsulate any residual PAH within the near surface soils, thereafter specific remedial measures are not necessary. The ground gas monitoring undertaken has not recorded any significant levels of ground gases and protective measures are not required.

## 1 INTRODUCTION

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### 1.1 Scope

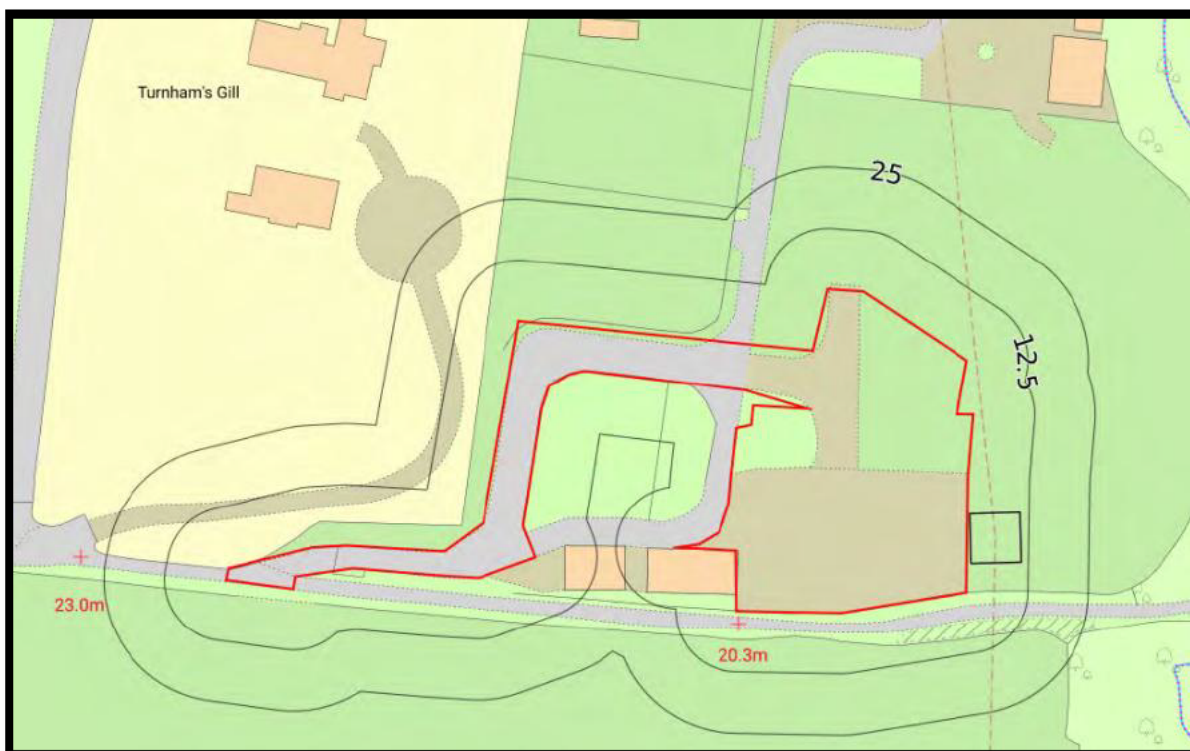
The client proposes to construct an industrial/commercial storage unit at Pear Tree Farm, Furners Lane, Woodmancote ("the site"). A Phase 1 Desk Study issued by Your Environment in January 2024 highlighted potential sources of contamination, specifically from the storage of tyres and oil drums, as well as potential off and on-site sources of ground gases. Hence, it was recommended that an intrusive investigation be undertaken to assess the active pollutant linkages. This report should be read in conjunction with this earlier assessment.

Accordingly, an exploratory investigation into ground conditions has been made to assess the impact from potentially contaminative usage and to obtain data to inform a risk assessment. The scope of this investigation comprised the construction of six boreholes using hand-held window sampling techniques. During this work in situ screening of samples for volatile organic compounds (VOC) was performed and samples obtained for laboratory testing.

This report describes the work undertaken, presents the information obtained and discusses the ground conditions with respect to the long-term risks from land contamination. Geotechnical testing and interpretation did not form part of this investigation and lies outside the scope of this report.

### 1.2 The Site

The site is located at Ordnance Survey National Grid Reference 522646 116173 and outlined in red shown in the OS mapping extract below.



## 2 FIELDWORKS

### 2.1 Siteworks

The boreholes were constructed on 1<sup>st</sup> December 2025 at locations as shown on the site plan, drawing no. 25/13289/1, which is presented as Figure 1. The Proposed Plans are included in Figure 2. The exploratory positions were located in order to provide adequate site coverage. Photographs which give a general impression of the site at the time of the fieldworks are also included below.



The depths and descriptions of the strata encountered in the boreholes are given on the records which comprise Appendix 1 to this report. These records note the depths at which

samples were taken, the results of in situ tests and the groundwater observations noted at the time of the fieldworks.

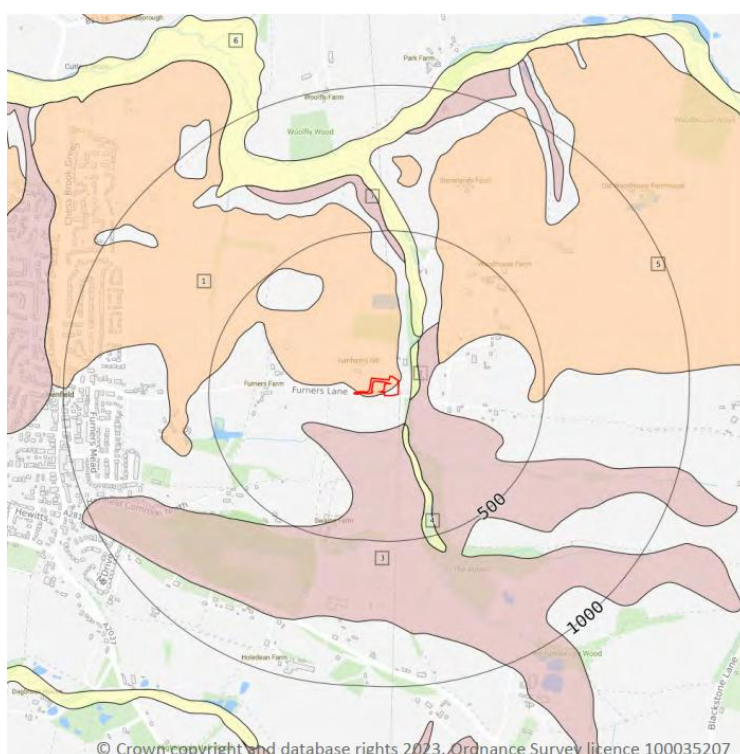
## 2.2 Installations

Upon completion of boreholes 1, 2 and 6 standpipes or monitoring wells were installed in order to carry out long-term ground gas monitoring. These comprised of plain pipe between ground level and 0.50m extended to depths of 1.60m, 1.75m and 1.80m. The depth of the installations was limited by the presence of hard strata.

## 3 GROUND CONDITIONS

### 3.1 Geology & Hydrogeology

A review of the earlier Desk Study data indicates that the north western part of the site is capped by superficial River Terrace Deposits, 2 to 3 (Adur), formed during the Quaternary and extract is presented below. These conceal the Cretaceous Upper Greensand bedrock which outcrops at surface in the south east of the site and typically comprises glauconitic fine-grained sandstone, locally silty.



***Extract of 1:50,000 scale superficial geology***

The site is underlain by a Secondary A Aquifer, which corresponds with the River Terrace Deposits. The Upper Greensand is a Principal Aquifer of high vulnerability, however, the site is not underlain by a Source Protection Zone.

### **3.2 Stratigraphy**

Consideration of the exploratory records indicates that made ground generally comprising dark brown silty sand and gravel of stone with variable amounts of macadam, flint, brick and concrete was proved to depths of between 0.40m and 0.95m at boreholes 1 to 4.

Brown sandy clay to silty sand with variable amounts of sandstone gravel fragments was revealed beneath the made ground or from surface at boreholes 5 and 6. These soils are thought to represent the weathered margins of the Upper Greensand Formation and the boreholes were terminated due to the presence of hard strata, thought to be sandstone, at depths of 1.75m and 2.10m.

### **3.3 Groundwater & Monitoring**

No groundwater strikes were recorded and each position was observed to be dry upon completion. Return monitoring was carried out on the 23<sup>rd</sup> December 2025, 15<sup>th</sup> and 29<sup>th</sup> January 2026, when each position was observed to be dry.

### **3.4 In Situ Testing**

During the sampling measurement of soil vapours [VOC] was carried out on the samples of the soils taken using a PhoCheck Tiger XTL PID meter with 10.6 eV Krypton PID lamp. The composite sample is placed within a sealed plastic bag with a limited air space (headspace) which allows vapours to enter following agitation of the sample bag. The headspace is then measured using the PID meter and the results recorded in ppm as an indicative total VOC. The levels of TVOC recorded during this work were zero and no visual or olfactory evidence of contamination was apparent during the sampling.

## **4 LABORATORY TESTING**

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Samples at 0.10m depth in boreholes 1 to 5 were submitted for geochemical testing at the UKAS accredited laboratories operated by i2 Analytical Ltd and the results are presented as Appendix 2 to this report. The testing was based upon the CSM formulated as part of the earlier Desk Study and comprises a suite of typical inorganic and organic priority contaminants including metals, PAH, TPH CWG and an asbestos screen. The testing also includes BTEX analysis as indicator parameters for the presence of VOC, as no measurable VOC was recorded

during in situ screening. Based upon the initial test results samples from borehole 2 at 0.30m and 0.50m were subjected to speciated PAH analysis.

## 5 GROUND CONTAMINATION

A Conceptual Site Model (CSM) was formulated for this site as part of the Phase 1 Desk Study, which informed the current Phase 2 intrusive investigation. The CSM produced as part of the Desk Study has been reviewed and the risk levels updated based upon the findings, which is presented in tabular form below.

| Table 1 - Conceptual Site Model                                                                                       |                                                   |                                                                                         |            |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------|------------|
| Source(s)                                                                                                             | Potential Pathway(s)                              | Receptor(s)                                                                             | Risk Level |
| <i>Subsurface soils and Made ground</i><br><br><i>PAH, TPH, Heavy Metals, SVOC and VOC</i><br><br><i>Asbestos/ACM</i> | Dermal Contact, Ingestion, and Inhalation of dust | Site Workers, End Users                                                                 | Low        |
|                                                                                                                       | Leaching & Run-Off                                | Controlled Waters, Potable Water Supply Pipes and Surface Water Course within 100m east | Low        |
|                                                                                                                       | Root uptake                                       | Vegetation and Wildlife                                                                 | Low        |
| <i>Ground Gases from made ground &amp; Land Uses in the vicinity</i>                                                  | Soil migration                                    | End-Users & Proposed Structures                                                         | Negligible |

### 5.1 Human Health

A generic assessment of the chronic or long-term risk to human health from soil contamination has been made using the available generic screening criteria. The screening values include the Category 4 Screening Levels [C4SLs] (DEFRA, 2014) and Suitable for Use Levels [S4ULs] (LQM/CIEH, 2014) derived using the CLEA software. It should be appreciated that these do not consider the short-term or acute risks, such as to construction workers or SI personnel.

The proposal is for an industrial/commercial unit, therefore, the results obtained have been compared against the GAC for the Commercial land-use category. The proposed layout is shown in Figure 2 and indicates that there will be areas of grassed soft landscaping.

A comparison of the data against the relevant GAC reveals elevated levels of PAH compounds at borehole 2 at 0.10m depth. Specifically the concentration of benzo(a)pyrene recorded of 53 mg/kg exceeds the S4UL GAC of 35 mg/kg. The PAH double ratio plots infer the source is coal tar derived, as opposed to petroleum products or fuel. The BTEX results were all below the detection limit, which corresponds with in situ screening which did not detect any measurable VOC. Further testing for PAH compounds at 0.30m and 0.50m at borehole 2 recorded markedly reduced, acceptable concentrations at greater depth, with B(a)P levels of 1.3 and 1.5 mg/kg being recorded.

The proposal is for continued industrial/commercial use and for replacement hardstanding, which is likely to remove the PAH impacted soils. Thereafter, the replacement hardstanding will encapsulate any residual PAH within the near surface soils and specific remedial measures are not necessary.

## **5.2 Controlled Water Receptors**

The site is underlain by a minor or Secondary A aquifer and the recorded concentrations of PAH, which is semi-volatile and of low mobility, do not pose a significant risk to controlled water receptors.

## **5.3 Vegetation**

The metals boron, copper, nickel and zinc are phytotoxic at certain levels, with their availability being dependent upon soil pH. These levels may not pose a significant long-term health risk to humans, but could be detrimental to plant growth or function. The results obtained suggest that the recorded concentrations of phytotoxic metals are not detrimental to plants.

## **5.4 Preliminary Waste Assessment**

It is likely that, if excavated soils cannot be re-used or retained on site, these surplus materials will require off site disposal. It may be possible to divert the unwanted material to a soil treatment hub where it can be recycled. Where material cannot be re-used or recycled then disposal at a licensed landfill site can be considered. It will then be necessary to classify the spoil as inert, non-hazardous or hazardous. A discussion of the current regime for the classification and treatment of waste soils is included in Appendix 3.

An initial assessment of the geochemical results obtained from this investigation has been carried out to provide a preliminary classification of the surplus materials. The HazWaste Online tool determines whether waste soil should be classified as being non-hazardous or hazardous. The output from the HazWaste assessment is located in Appendix 3. Asbestos was not detected in any of the samples screened.

Based on the output waste soil arisings from this site have been tentatively identified as being non-hazardous waste, with the exception of boreholes 1 and 2 at 0.10m which are deemed to be hazardous for off-site disposal purposes, due to their concentrations of total hydrocarbon concentrations and presence of coal tar. The underlying natural Upper Greensand Formation is considered to be inert for disposal purposes.

This assessment is preliminary and based upon the information obtained from the investigation. Where made ground is excavated then these materials should be stockpiled and segregated. Further sampling, testing and characterisation to accurately classify waste soil arisings may be required. It should be appreciated that it is the responsibility of the waste producer to sufficiently characterise their waste. Moreover, the agreement of the waste acceptor should be sought.

If hazardous material is to be disposed at a licensed waste landfill site then supplementary waste acceptance criteria [WAC] testing may also be required. Confirmation should be sought from the relevant licensed waste handler or landfill operator.

## 5.5 Ground Gases

The Desk Study highlighted a limited potential risk posed by ground gas generation from made ground relating to the developments immediately to the north of the site. Consequently, three standpipes were installed across the site and a regime of ground gas monitoring has been undertaken.

Three visits have been made to date to monitor the standpipes and the results of the monitoring are included in Appendix 4. The results have been reviewed in accordance with BS 8485 (2015) Code of Practice for the characterisation and remediation of ground gas in effected developments.

The hazardous gas flow rate has been determined based upon the worst case from these monitoring visits, which are a carbon dioxide of 3.0% together with a flow of 0.0l/h (zero).

|               |   |                                                        |
|---------------|---|--------------------------------------------------------|
| $Q_{hg}$      | = | $(C_{hg}/100)q$                                        |
| $Q_{hg}$      | = | $(3.0/100) \times 0.0$                                 |
| $Q_{hg}$      | = | 0.0l/h                                                 |
| <b>where:</b> |   |                                                        |
| $Q_{hg}$      | = | calculated hazardous gas flow rate/gas screening value |
| $C_{hg}$      | = | measured hazardous gas concentration                   |
| q             | = | measured flow rate                                     |

Based upon the calculated gas screening value of 0.0 litres/hour, the hazard potential of the site can be considered very low or characteristic gas situation 1 and specialist protective measures are not necessary.

It is considered that the ground gas regime has been adequately assessed by the three monitoring visits to date, which include worse case temporal conditions with significantly falling, low atmospheric pressure.

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## LIST OF ABBREVIATIONS

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|       |   |                                                            |
|-------|---|------------------------------------------------------------|
| AOD   | - | Above Ordnance Datum                                       |
| ACM   | - | Asbestos-containing Material                               |
| AST   | - | Above-ground Storage Tank                                  |
| BGS   | - | British Geological Survey                                  |
| BH    | - | Borehole                                                   |
| BRE   | - | Building Research Establishment                            |
| BSI   | - | British Standards Institution                              |
| BS    | - | British Standard                                           |
| C4SL  | - | Category Four Screening Level                              |
| CIRIA | - | Construction Industry Research and Information Association |
| CP    | - | Cable Percussive                                           |
| DPH   | - | Dynamic Probing Heavy                                      |
| DPSH  | - | Dynamic Probing Super Heavy                                |
| EA    | - | Environment Agency                                         |
| GAC   | - | Generic Assessment Criteria                                |
| LL    | - | Liquid Limit                                               |
| mAOD  | - | Metres Above Ordnance Datum                                |
| mBGL  | - | Metres Below Ground Level                                  |
| mOD   | - | Metres Ordnance Datum                                      |
| OS    | - | Ordnance Survey                                            |
| PAH   | - | Polycyclic Aromatic Hydrocarbons                           |
| PCB   | - | Polychlorinated Biphenyl                                   |
| PID   | - | Photo Ionisation Detector                                  |
| PL    | - | Plastic Limit                                              |
| PSD   | - | Particle Size Distribution                                 |
| SGV   | - | Soil Guideline Value                                       |
| SOM   | - | Soil Organic Matter                                        |
| SPT   | - | Standard Penetration Test                                  |
| SPZ   | - | Source Protection Zone                                     |
| SVOC  | - | Semi-volatile Organic Compounds                            |
| TPH   | - | Total Petroleum Hydrocarbon                                |
| UST   | - | Underground Storage Tank                                   |
| UXB   | - | Unexploded Bombs                                           |
| UXO   | - | Unexploded Ordnance                                        |
| VOC   | - | Volatile Organic Compound                                  |

**FIGURE 1**

**SITE PLAN**



**Legend:**

-  Borehole Location
-  Site Boundary

Title: Site Plan

Dwg No: 25/13289/1

Drawn by: GO

Client: Manorwood

Contract: Furners Lane,  
Woodmancote

Job Ref: 25/13289/GO

Scale: NTS

Revision: 0

Issue Date: 26/01/2026



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**FIGURE 2**

**PROPOSED LAYOUT**

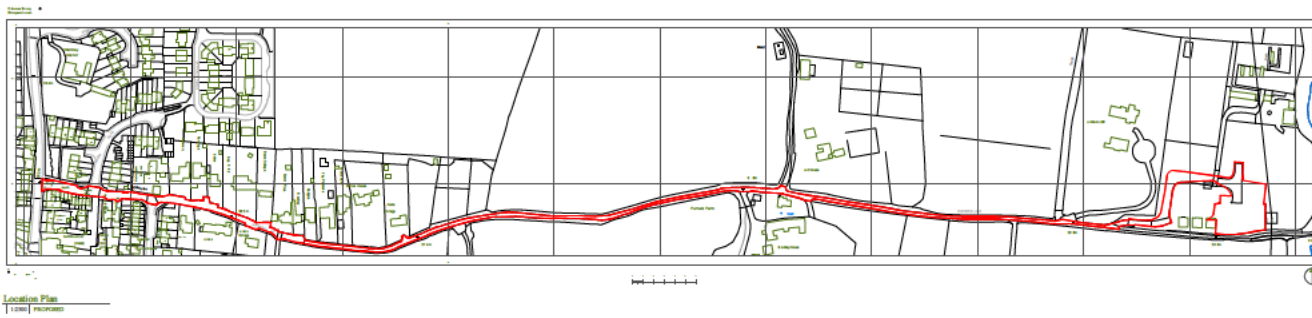


Image of similar buildings  
1:1000

#### Planting Specification for new boundary hedgerows

Plants to be between 60-90cm when planted

Main Matrix (Transplants/Quicks)  
70% of planting stock

Hawthorn *Crataegus monogyna*  
Black thorn *Prunus spinosa*  
Interplant (Whips/Transplants)  
30% of planting stock  
Hazel *Corylus avellana*  
Holly *Ilex aquifolium*  
Dog Rose *Rosa canina*  
Field Maple *Acer campestre*  
Dogwood *Cornus sanguinea*  
Spindle *Eucalyptus europaeus*  
Wild Privet *Ligustrum vulgare*

Hedgerow should be planted in two, staggered rows at a density of not less than 5 per meter, with approximately 450mm between plants in the same row, and 300-400mm between rows

The interplant whips/transplants should be planted within this pattern in groups of 2/2

All hedgerow planting should be carried out in accordance with BS4428:1989, Code of practice for general landscape operations

Hedgerow shrubs should either be notch planted or trench planted. Hedge trenches should be dug to a minimum depth of 400mm and width of 600mm, with the plants put into the ground at the same depth at which they had been previously grown in the nursery

All plants need to be well heeled in after planting and watered in during dry weather

Hedgerows should only be planted between November and March, while plants are still dormant

Avoid planting in very cold or wet weather



Insulated metal  
cladding to walls  
and roof (green)



Bat box



Bird box



MANORWOOD  
107 The Forest  
Chard  
Somerset  
TA20 9BB

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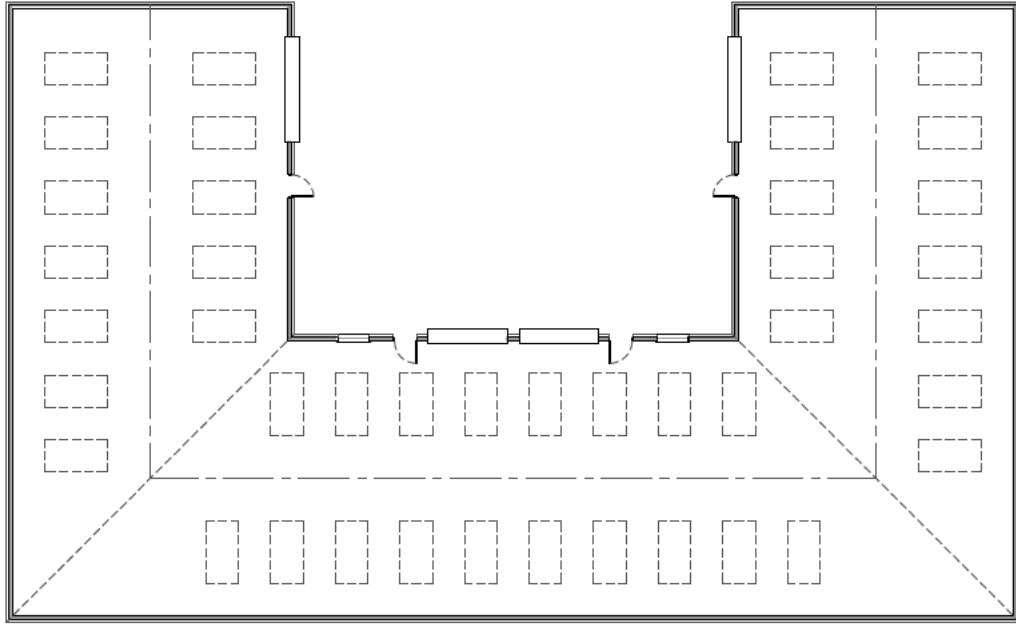
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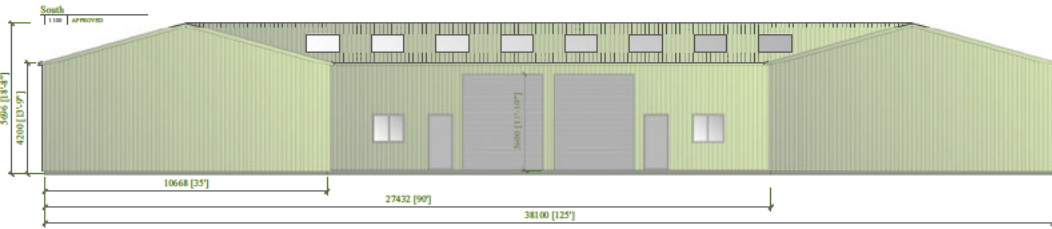
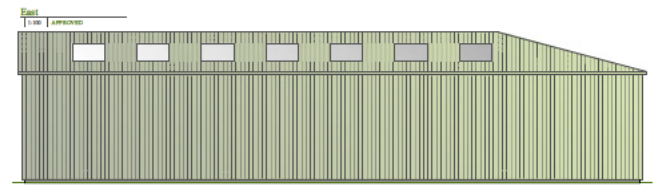
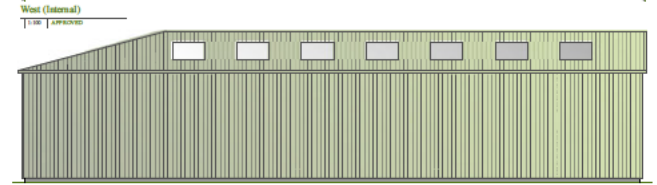
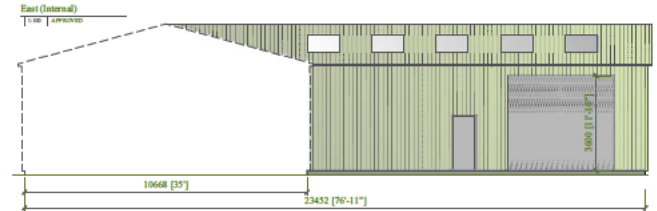
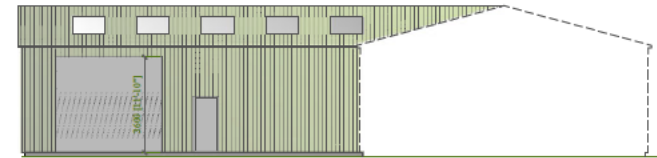
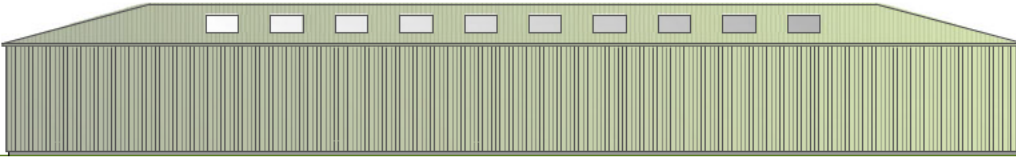
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Ground Floor Plan  
1/100 APPROVED



South  
1/100 APPROVED



North  
1/100 APPROVED



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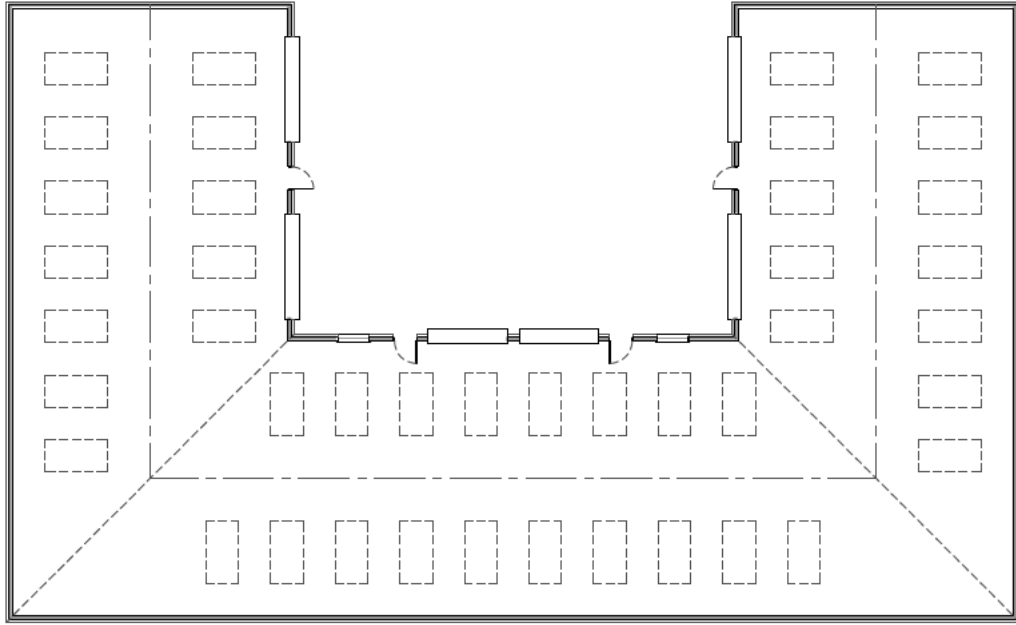
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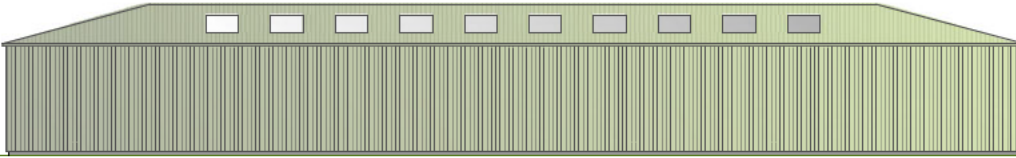
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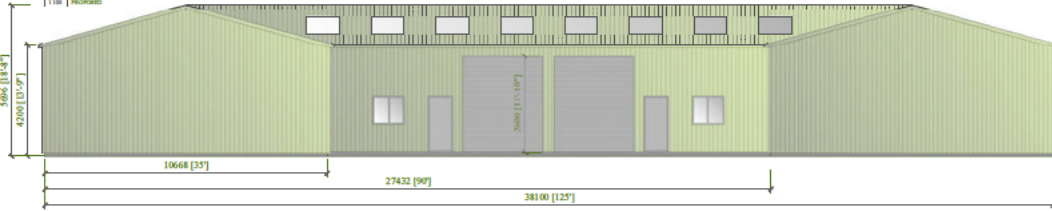
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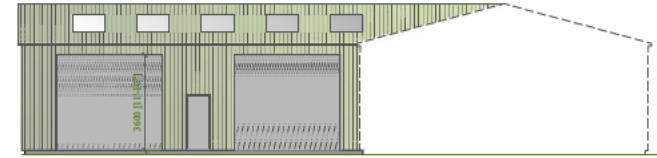
Ground Floor Plan  
1/16" = 1'-0"



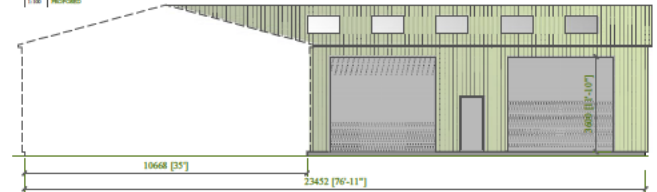
East  
1/16" = 1'-0"



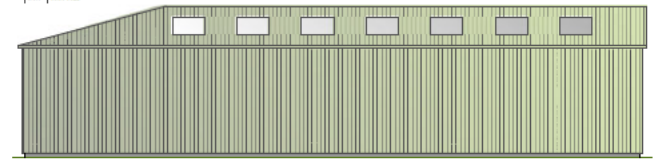
South  
1/16" = 1'-0"



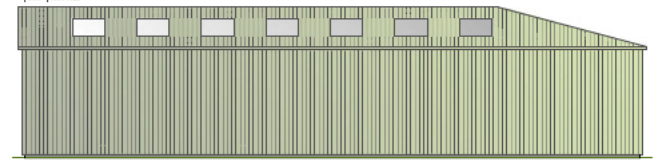
West (Internal)  
1/16" = 1'-0"



East (Internal)  
1/16" = 1'-0"



West (Internal)  
1/16" = 1'-0"



East  
1/16" = 1'-0"



West  
1/16" = 1'-0"



1017 The Forest  
Chesham  
West Sussex  
PO19 9BB  
Tel: 01293 281 100  
Email: enquiries@manorwood.co.uk  
Web: www.manorwood.co.uk

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Address  
Pear Tree Farm, Farnham  
Leam, Wiltshire, BA15 2JX

Drawing  
Scale: 1/16" = 1'-0"

Proposed:  
Plan & Elevations

Scale: 1/16" = 1'-0"

Version: 12.10.2023

Drawn By: 12.10.2023

MD: 12.10.2023

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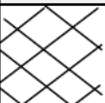
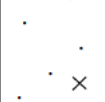
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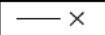
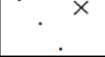
23.10.2023

**APPENDIX 1**

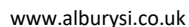
**EXPLORATORY RECORDS**

Symbol Code: **B** - Large Disturbed **D** - Small Disturbed **W** - Water Sample **R** - Root Sample **HSV** - Hand Shear Vane **PID** - Photo Ionisation Detector

|                                                                                                                                                                                                                |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------|-------------------------|-------------------------------|--|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------|--|
| <div> <b>ALBURY S.I. LTD</b></div> <div>Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH</div> <div>www.alburysi.co.uk</div> |                  |                                                                   |                         | <b>BOREHOLE</b>               |  | <b>2</b>                                                                            |                                                                                                                            |             |  |
| <b>CONTRACT</b>                                                                                                                                                                                                |                  | Furners Lane, Woodmancote                                         |                         |                               |  | <b>Report Ref</b>                                                                   |                                                                                                                            | 25/13289/GO |  |
| <b>Client</b>                                                                                                                                                                                                  |                  | Manorwood                                                         |                         |                               |  | <b>Date</b>                                                                         |                                                                                                                            | 01/12/2025  |  |
| <b>Site Address</b>                                                                                                                                                                                            |                  | Pear Tree Farm, Furners Lane, Woodmancote,<br>West Sussex BN5 9HX |                         |                               |  | <b>Ground Level</b>                                                                 |                                                                                                                            |             |  |
| <b>Water Strikes (m)</b>                                                                                                                                                                                       |                  | <b>Type &amp; Dimensions</b>                                      |                         | <b>Ease of excavation (m)</b> |  |                                                                                     |                                                                                                                            |             |  |
| 1. none                                                                                                                                                                                                        |                  | Drive-in Window Sampler                                           |                         | Very easy:                    |  | Difficult: 0.40-2.10                                                                |                                                                                                                            |             |  |
| 2.                                                                                                                                                                                                             |                  | 60mm to 50mm diameter                                             |                         | Moderate:                     |  | Very hard: GL-0.40                                                                  |                                                                                                                            |             |  |
| <b>Water level observed upon completion (m):</b>                                                                                                                                                               |                  |                                                                   |                         | dry                           |  | <b>Technician:</b> EK                                                               |                                                                                                                            |             |  |
| <b>Remarks</b><br>Standpipe installed to 2.00m.<br>No obvious visual or olfactory evidence of contamination                                                                                                    |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
| <b>Samples or tests</b>                                                                                                                                                                                        |                  |                                                                   | <b>PID TVOC<br/>ppm</b> | <b>Depth</b>                  |  | <b>Legend</b>                                                                       | <b>Strata Description</b>                                                                                                  |             |  |
| <b>Type</b>                                                                                                                                                                                                    | <b>Depth (m)</b> |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
| D                                                                                                                                                                                                              | 0.10             |                                                                   | 0                       | 0.40                          |  |    | MADE GROUND (dark brown silty SAND and GRAVEL of macadam, stone and occasional brick fragments)                            |             |  |
| D                                                                                                                                                                                                              | 0.30             |                                                                   | 0                       |                               |  |                                                                                     |                                                                                                                            |             |  |
| D                                                                                                                                                                                                              | 0.50             |                                                                   | 0                       |                               |  |                                                                                     |                                                                                                                            |             |  |
|                                                                                                                                                                                                                |                  |                                                                   |                         | 0.90                          |  |    | Brown slightly gravelly very sandy (fine) CLAY with occasional black charcoal - possible disturbed or MADE GROUND at 0.50m |             |  |
|                                                                                                                                                                                                                |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
|                                                                                                                                                                                                                |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
| D                                                                                                                                                                                                              | 1.00             |                                                                   | 0                       | 1.30                          |  |   | Brown slightly gravelly silty SAND. Gravel of weak sandstone fragments                                                     |             |  |
|                                                                                                                                                                                                                |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
|                                                                                                                                                                                                                |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
| D                                                                                                                                                                                                              | 1.50             |                                                                   |                         |                               |  |  | Pale brown silty SAND with rare sandstone fragments                                                                        |             |  |
|                                                                                                                                                                                                                |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
|                                                                                                                                                                                                                |                  |                                                                   |                         |                               |  |                                                                                     |                                                                                                                            |             |  |
| D                                                                                                                                                                                                              | 2.00             |                                                                   |                         | 2.10                          |  |  | END OF BOREHOLE                                                                                                            |             |  |
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| <div> <b>ALBURY S.I. LTD</b></div> <div>Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH</div> <div>www.alburysi.co.uk</div> |                  |                                                                |                         | <b>BOREHOLE</b>               |  | <b>3</b>                                                                            |                                                                                                          |             |  |
| <b>CONTRACT</b>                                                                                                                                                                                                |                  | Furners Lane, Woodmancote                                      |                         |                               |  | <b>Report Ref</b>                                                                   |                                                                                                          | 25/13289/GO |  |
| <b>Client</b>                                                                                                                                                                                                  |                  | Manorwood                                                      |                         |                               |  | <b>Date</b>                                                                         |                                                                                                          | 01/12/2025  |  |
| <b>Site Address</b>                                                                                                                                                                                            |                  | Pear Tree Farm, Furners Lane, Woodmancote, West Sussex BN5 9HX |                         |                               |  | <b>Ground Level</b>                                                                 |                                                                                                          |             |  |
| <b>Water Strikes (m)</b>                                                                                                                                                                                       |                  | <b>Type &amp; Dimensions</b>                                   |                         | <b>Ease of excavation (m)</b> |  |                                                                                     |                                                                                                          |             |  |
| 1. none                                                                                                                                                                                                        |                  | Drive-in Window Sampler                                        |                         | Very easy:                    |  | Difficult: 0.70-2.10                                                                |                                                                                                          |             |  |
| 2.                                                                                                                                                                                                             |                  | 60mm to 50mm diameter                                          |                         | Moderate:                     |  | Very hard: GL-0.70                                                                  |                                                                                                          |             |  |
| <b>Water level observed upon completion (m):</b>                                                                                                                                                               |                  |                                                                |                         | dry                           |  | <b>Technician:</b> EK                                                               |                                                                                                          |             |  |
| <b>Remarks</b><br>No obvious visual or olfactory evidence of contamination                                                                                                                                     |                  |                                                                |                         |                               |  |                                                                                     |                                                                                                          |             |  |
| <b>Samples or tests</b>                                                                                                                                                                                        |                  |                                                                | <b>PID TVOC<br/>ppm</b> | <b>Depth</b>                  |  | <b>Legend</b>                                                                       | <b>Strata Description</b>                                                                                |             |  |
| <b>Type</b>                                                                                                                                                                                                    | <b>Depth (m)</b> |                                                                |                         |                               |  |                                                                                     |                                                                                                          |             |  |
| D                                                                                                                                                                                                              | 0.10             |                                                                | 0                       | 0.60                          |  |    | MADE GROUND (pinkish brown to brown sandy GRAVEL of stone, flint, concrete, brick and macadam fragments) |             |  |
| D                                                                                                                                                                                                              | 0.30             |                                                                | 0                       |                               |  |                                                                                     |                                                                                                          |             |  |
| D                                                                                                                                                                                                              | 0.50             |                                                                | 0                       |                               |  |                                                                                     |                                                                                                          |             |  |
| D                                                                                                                                                                                                              | 0.75             |                                                                |                         | 0.90                          |  |    | MADE GROUND (dark brown very silty CLAY)                                                                 |             |  |
| D                                                                                                                                                                                                              | 1.00             |                                                                | 0                       |                               |  |                                                                                     |                                                                                                          |             |  |
|                                                                                                                                                                                                                |                  |                                                                |                         | 1.30                          |  |    | Yellowish brown very silty CLAY with rare weak sandstone fragments                                       |             |  |
|                                                                                                                                                                                                                |                  |                                                                |                         |                               |  |                                                                                     |                                                                                                          |             |  |
| D                                                                                                                                                                                                              | 1.50             |                                                                |                         | 2.10                          |  |  | Yellowish brown silty SAND with rare weak sandstone fragments                                            |             |  |
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| D                                                                                                                                                                                                              | 2.00             |                                                                |                         | 2.10                          |  |  | END OF BOREHOLE                                                                                          |             |  |
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5

25/13289/GO

01/12/2025

Ease of excavation (m)

Difficult: 1.50-2.10

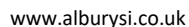
Very hard:

Technician: DH

No obvious visual or olfactory evidence of contamination

[illegible]

Symbol Code: **B** - Large Disturbed **D** - Small Disturbed **W** - Water Sample **R** - Root Sample **HSV** - Hand Shear Vane **PID** - Photo Ionisation Detector



6

25/13289/GO

01/12/2025

### Ground Level

Ease of excavation (m)

Difficult: 1.60-2.10

Very hard:

Technician: DH

No obvious visual or olfactory evidence of contamination

| Samples or tests |           | PID TVOC<br>ppm | Depth |  | Legend | Strata Description                                                                                  |
|------------------|-----------|-----------------|-------|--|--------|-----------------------------------------------------------------------------------------------------|
| Type             | Depth (m) |                 |       |  |        |                                                                                                     |
| D                | 0.10      | 0               | 0.40  |  | _____  | Grass over brown slightly gravelly sandy CLAY with occasional roots. Gravel of sandstone fragments. |
| D                | 0.30      | 0               |       |  | _____  |                                                                                                     |
| D                | 0.50      | 0               |       |  | _____  |                                                                                                     |
| D                | 1.00      | 0               | 1.60  |  | _____  | Orangish brown slightly gravelly sandy CLAY. Gravel of occasional sandstone fragments               |
|                  |           |                 |       |  | _____  |                                                                                                     |
|                  |           |                 |       |  | _____  |                                                                                                     |
| D                | 1.50      |                 |       |  | _____  | Brown very sandy CLAY/clayey fine SAND                                                              |
|                  |           |                 |       |  | _____  |                                                                                                     |
|                  |           |                 |       |  | _____  |                                                                                                     |
| D                | 2.00      |                 | 2.10  |  | _____  | END OF BOREHOLE                                                                                     |
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|                  |           |                 |       |  |        |                                                                                                     |
|                  |           |                 |       |  |        |                                                                                                     |

Symbol Code: **B** - Large Disturbed **D** - Small Disturbed **W** - Water Sample **R** - Root Sample **HSV** - Hand Shear Vane **PID** - Photo Ionisation Detector

**APPENDIX 2**

**LABORATORY TEST RESULTS**

Albury SI Ltd  
Miltons Yard  
Petworth Road  
Witley  
Surrey  
GU8 5LH

i2 Analytical Ltd.  
7 Woodshots Meadow,  
Croxley Green  
Business Park,  
Watford,  
Herts,  
WD18 8YS

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## **Analytical Report Number : 25-065155**

|                             |                           |                                                        |            |
|-----------------------------|---------------------------|--------------------------------------------------------|------------|
| <b>Project / Site name:</b> | Furners Lane, Woodmancote | <b>Samples received on:</b>                            | 03/12/2025 |
| <b>Your job number:</b>     | 25 13289 GO               | <b>Samples instructed on/<br/>Analysis started on:</b> | 03/12/2025 |
| <b>Your order number:</b>   | 15841                     | <b>Analysis completed by:</b>                          | 16/12/2025 |
| <b>Report Issue Number:</b> | 1                         | <b>Report issued on:</b>                               | 16/12/2025 |
| <b>Samples Analysed:</b>    | 5 soil samples            |                                                        |            |



**Signed:** \_\_\_\_\_  
  
Rachel Chappell  
Key Account Manager  
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

|           |                                 |
|-----------|---------------------------------|
| soils     | - 4 weeks from reporting        |
| leachates | - 2 weeks from reporting        |
| waters    | - 2 weeks from reporting        |
| asbestos  | - 6 months from reporting       |
| air       | - once the analysis is complete |

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.  
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.  
Application of uncertainty of measurement would provide a range within which the true result lies.  
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-065155  
Project / Site name: Furners Lane, Woodmancote  
Your Order No: 15841

| Lab Sample Number                       | 769004        | 769005                     | 769006                       | 769007        | 769008        |
|-----------------------------------------|---------------|----------------------------|------------------------------|---------------|---------------|
| Sample Reference                        | 1             | 2                          | 3                            | 4             | 5             |
| Sample Number                           | None Supplied | None Supplied              | None Supplied                | None Supplied | None Supplied |
| Water Matrix                            | N/A           | N/A                        | N/A                          | N/A           | N/A           |
| Depth (m)                               | 0.10          | 0.10                       | 0.10                         | 0.10          | 0.10          |
| Date Sampled                            | 01/12/2025    | 01/12/2025                 | 01/12/2025                   | 01/12/2025    | 01/12/2025    |
| Time Taken                              | None Supplied | None Supplied              | None Supplied                | None Supplied | None Supplied |
| Analytical Parameter<br>(Soil Analysis) | Units         | Test Limit of<br>detection | Test Accreditation<br>Status |               |               |

|                               |    |      |      |      |      |      |      |       |
|-------------------------------|----|------|------|------|------|------|------|-------|
| Stone Content                 | %  | 0.1  | NONE | 35.7 | 57.5 | 75.5 | 33.9 | < 0.1 |
| Moisture Content              | %  | 0.01 | NONE | 4    | 4.2  | 0.64 | 16   | 22    |
| Total mass of sample received | kg | 0.1  | NONE | 0.8  | 0.8  | 0.9  | 0.5  | 0.6   |

#### Asbestos

| Asbestos in Soil Detected/Not Detected | Type | N/A | ISO 17025 | Not-detected | Not-detected | Not-detected | Not-detected | Not-detected |
|----------------------------------------|------|-----|-----------|--------------|--------------|--------------|--------------|--------------|
| Asbestos Analyst ID                    | N/A  | N/A | N/A       | DKI          | DKI          | DKI          | DKI          | DKI          |
| Analysis completed                     | N/A  | N/A | N/A       | 11/12/2025   | 11/12/2025   | 11/12/2025   | 11/12/2025   | 11/12/2025   |

#### General Inorganics

| pH (L099)                                                               | pH Units | N/A  | MCERTS | 8.8  | 8.9  | 9.3 | 7.4  | 7.6  |
|-------------------------------------------------------------------------|----------|------|--------|------|------|-----|------|------|
| Total Sulphate as SO <sub>4</sub>                                       | mg/kg    | 50   | MCERTS | 590  | 770  | 440 | 560  | 430  |
| Water Soluble Sulphate as SO <sub>4</sub> 16hr extraction (2:1)         | mg/kg    | 2.5  | MCERTS | 66   | 110  | 78  | 33   | 24   |
| Water Soluble SO <sub>4</sub> 16hr extraction (2:1 Leachate Equivalent) | mg/l     | 1.25 | MCERTS | 33.1 | 52.9 | 39  | 16.4 | 11.9 |
| Total Organic Carbon (TOC) - Automated                                  | %        | 0.1  | MCERTS | 2.8  | 3.9  | 0.3 | 2.8  | 1.6  |

#### Speciated PAHs

| Naphthalene            | mg/kg | 0.05 | MCERTS    | 1.7  | 14  | 0.06   | 0.06 | < 0.05 |
|------------------------|-------|------|-----------|------|-----|--------|------|--------|
| Acenaphthylene         | mg/kg | 0.05 | MCERTS    | 0.68 | 2.3 | < 0.05 | 0.2  | < 0.05 |
| Acenaphthene           | mg/kg | 0.05 | MCERTS    | 3.4  | 21  | 0.43   | 0.45 | < 0.05 |
| Fluorene               | mg/kg | 0.05 | MCERTS    | 3.1  | 27  | 0.26   | 0.34 | < 0.05 |
| Phenanthrene           | mg/kg | 0.05 | MCERTS    | 20   | 160 | 2      | 2.7  | 0.06   |
| Anthracene             | mg/kg | 0.05 | MCERTS    | 6.5  | 43  | 0.46   | 0.86 | < 0.05 |
| Fluoranthene           | mg/kg | 0.05 | MCERTS    | 43   | 160 | 2.6    | 6.9  | 0.15   |
| Pyrene                 | mg/kg | 0.05 | MCERTS    | 43   | 130 | 2.7    | 6.5  | 0.15   |
| Benzo(a)anthracene     | mg/kg | 0.05 | MCERTS    | 22   | 55  | 1.1    | 3.3  | 0.09   |
| Chrysene               | mg/kg | 0.05 | MCERTS    | 18   | 51  | 1.1    | 3.2  | 0.09   |
| Benzo(b)fluoranthene   | mg/kg | 0.05 | ISO 17025 | 27   | 57  | 1.2    | 5.3  | 0.16   |
| Benzo(k)fluoranthene   | mg/kg | 0.05 | ISO 17025 | 11   | 25  | 0.44   | 1.9  | < 0.05 |
| Benzo(a)pyrene         | mg/kg | 0.05 | MCERTS    | 23   | 53  | 1.2    | 4.8  | < 0.05 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS    | 13   | 30  | 0.54   | 2.6  | 0.08   |
| Dibenz(a,h)anthracene  | mg/kg | 0.05 | MCERTS    | 2.3  | 5.5 | 0.13   | 0.59 | < 0.05 |
| Benzo(ghi)perylene     | mg/kg | 0.05 | MCERTS    | 14   | 33  | 0.66   | 3.2  | 0.07   |

#### Total PAH

| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | ISO 17025 | 254 | 872 | 14.9 | 42.8 | 0.84 |
|-----------------------------|-------|-----|-----------|-----|-----|------|------|------|
|-----------------------------|-------|-----|-----------|-----|-----|------|------|------|

#### Heavy Metals / Metalloids

| Arsenic (aqua regia extractable)   | mg/kg | 1    | MCERTS | 8.7   | 7.2   | 1.9   | 21    | 13    |
|------------------------------------|-------|------|--------|-------|-------|-------|-------|-------|
| Beryllium (aqua regia extractable) | mg/kg | 0.06 | MCERTS | 0.49  | 0.98  | 0.27  | 0.56  | 0.72  |
| Boron (water soluble)              | mg/kg | 0.2  | MCERTS | 0.4   | 1     | 0.3   | 1.1   | 0.3   |
| Cadmium (aqua regia extractable)   | mg/kg | 0.2  | MCERTS | 0.3   | 0.5   | < 0.2 | 0.3   | < 0.2 |
| Chromium (hexavalent) Low Level    | mg/kg | 1.2  | NONE   | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 |
| Chromium (III)                     | mg/kg | 1    | NONE   | 23    | 42    | 8.3   | 23    | 24    |
| Chromium (aqua regia extractable)  | mg/kg | 1    | MCERTS | 23    | 42    | 8.3   | 23    | 24    |
| Copper (aqua regia extractable)    | mg/kg | 1    | MCERTS | 21    | 42    | 7.8   | 39    | 24    |
| Lead (aqua regia extractable)      | mg/kg | 1    | MCERTS | 50    | 58    | 3.9   | 83    | 21    |
| Mercury (aqua regia extractable)   | mg/kg | 0.3  | MCERTS | < 0.3 | < 0.3 | < 0.3 | < 0.3 | < 0.3 |
| Nickel (aqua regia extractable)    | mg/kg | 1    | MCERTS | 18    | 19    | 4     | 12    | 17    |

Analytical Report Number: 25-065155  
Project / Site name: Furners Lane, Woodmancote  
Your Order No: 15841

| Lab Sample Number                       | 769004        | 769005                     | 769006                       | 769007        | 769008        |
|-----------------------------------------|---------------|----------------------------|------------------------------|---------------|---------------|
| Sample Reference                        | 1             | 2                          | 3                            | 4             | 5             |
| Sample Number                           | None Supplied | None Supplied              | None Supplied                | None Supplied | None Supplied |
| Water Matrix                            | N/A           | N/A                        | N/A                          | N/A           | N/A           |
| Depth (m)                               | 0.10          | 0.10                       | 0.10                         | 0.10          | 0.10          |
| Date Sampled                            | 01/12/2025    | 01/12/2025                 | 01/12/2025                   | 01/12/2025    | 01/12/2025    |
| Time Taken                              | None Supplied | None Supplied              | None Supplied                | None Supplied | None Supplied |
| Analytical Parameter<br>(Soil Analysis) | Units         | Test Limit of<br>detection | Test Accreditation<br>Status |               |               |
| Selenium (aqua regia extractable)       | mg/kg         | 1                          | MCERTS                       | < 1.0         | 1.1           |
| Vanadium (aqua regia extractable)       | mg/kg         | 1                          | MCERTS                       | 30            | 49            |
| Zinc (aqua regia extractable)           | mg/kg         | 1                          | MCERTS                       | 61            | 120           |
|                                         |               |                            |                              | 1.4           | 11            |
|                                         |               |                            |                              | < 1.0         | 63            |
|                                         |               |                            |                              | < 1.0         | 66            |

#### Petroleum Hydrocarbons

|                                                          |       |      |        |         |         |         |                         |         |
|----------------------------------------------------------|-------|------|--------|---------|---------|---------|-------------------------|---------|
| TPHCWG - Aliphatic >EC5 - EC6 <sub>HS_1D_AL</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 <sup>***t</sup> | < 0.010 |
| TPHCWG - Aliphatic >EC6 - EC8 <sub>HS_1D_AL</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 <sup>***t</sup> | < 0.010 |
| TPHCWG - Aliphatic >EC8 - EC10 <sub>HS_1D_AL</sub>       | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 <sup>***t</sup> | < 0.010 |
| TPHCWG - Aliphatic >EC10 - EC12 <sub>EH_CU_1D_AL</sub>   | mg/kg | 1    | MCERTS | < 1.0   | < 1.0   | < 1.0   | < 1.0                   | < 1.0   |
| TPHCWG - Aliphatic >EC12 - EC16 <sub>EH_CU_1D_AL</sub>   | mg/kg | 2    | MCERTS | 8.4     | 12      | < 2.0   | < 2.0                   | < 2.0   |
| TPHCWG - Aliphatic >EC16 - EC21 <sub>EH_CU_1D_AL</sub>   | mg/kg | 8    | MCERTS | 24      | 35      | < 8.0   | < 8.0                   | < 8.0   |
| TPHCWG - Aliphatic >EC21 - EC35 <sub>EH_CU_1D_AL</sub>   | mg/kg | 8    | MCERTS | 98      | 220     | < 8.0   | 11                      | < 8.0   |
| TPHCWG - Aliphatic >EC21 - EC40 <sub>EH_CU_1D_AL</sub>   | mg/kg | 10   | NONE   | 170     | 330     | < 10    | 27                      | < 10    |
| TPHCWG - Aliphatic >EC35 - EC44 <sub>EH_CU_1D_AL</sub>   | mg/kg | 8.4  | NONE   | 150     | 300     | < 8.4   | 37                      | < 8.4   |
| TPHCWG - Aliphatic >EC5 - EC35 <sub>EH_CU+HS_1D_AL</sub> | mg/kg | 10   | NONE   | 130     | 270     | < 10    | 11                      | < 10    |
| TPHCWG - Aliphatic >EC5 - EC44 <sub>EH_CU+HS_1D_AL</sub> | mg/kg | 10   | NONE   | 280     | 570     | < 10    | 48                      | < 10    |

|                                                         |       |      |        |         |         |         |                         |         |
|---------------------------------------------------------|-------|------|--------|---------|---------|---------|-------------------------|---------|
| TPHCWG - Aromatic >EC5 - EC7 <sub>HS_1D_AR</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 <sup>***t</sup> | < 0.010 |
| TPHCWG - Aromatic >EC7 - EC8 <sub>HS_1D_AR</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 <sup>***t</sup> | < 0.010 |
| TPHCWG - Aromatic >EC8 - EC10 <sub>HS_1D_AR</sub>       | mg/kg | 0.02 | MCERTS | < 0.020 | < 0.020 | < 0.020 | < 0.020 <sup>***t</sup> | < 0.020 |
| TPHCWG - Aromatic >EC10 - EC12 <sub>EH_CU_1D_AR</sub>   | mg/kg | 1    | MCERTS | 2.2     | 16      | < 1.0   | < 1.0                   | < 1.0   |
| TPHCWG - Aromatic >EC12 - EC16 <sub>EH_CU_1D_AR</sub>   | mg/kg | 2    | MCERTS | 35      | 190     | < 2.0   | 5.4                     | < 2.0   |
| TPHCWG - Aromatic >EC16 - EC21 <sub>EH_CU_1D_AR</sub>   | mg/kg | 10   | MCERTS | 210     | 830     | < 10    | 33                      | < 10    |
| TPHCWG - Aromatic >EC21 - EC35 <sub>EH_CU_1D_AR</sub>   | mg/kg | 10   | MCERTS | 660     | 1300    | 17      | 110                     | < 10    |
| TPHCWG - Aromatic >EC21 - EC40 <sub>EH_CU_1D_AR</sub>   | mg/kg | 10   | NONE   | 940     | 1600    | 32      | 180                     | < 10    |
| TPHCWG - Aromatic >EC35 - EC44 <sub>EH_CU_1D_AR</sub>   | mg/kg | 8.4  | NONE   | 530     | 580     | 34      | 150                     | < 8.4   |
| TPHCWG - Aromatic >EC5 - EC35 <sub>EH_CU+HS_1D_AR</sub> | mg/kg | 10   | NONE   | 910     | 2400    | 17      | 150                     | < 10    |
| TPHCWG - Aromatic >EC5 - EC44 <sub>EH_CU+HS_1D_AR</sub> | mg/kg | 10   | NONE   | 1400    | 2900    | 52      | 300                     | < 10    |

|                                                    |       |    |      |      |      |    |     |      |
|----------------------------------------------------|-------|----|------|------|------|----|-----|------|
| TPH Total >EC6 - EC40 <sub>EH_CU+HS_1D_TOTAL</sub> | mg/kg | 10 | NONE | 1400 | 3000 | 35 | 240 | < 10 |
|----------------------------------------------------|-------|----|------|------|------|----|-----|------|

|                                                              |       |    |           |       |       |       |       |       |
|--------------------------------------------------------------|-------|----|-----------|-------|-------|-------|-------|-------|
| Petroleum Range Organics (EC6 - EC10) <sub>HS_1D_TOTAL</sub> | mg/kg | 1  | ISO 17025 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| TPH (EC10 - EC40) <sub>EH_CU_1D_TOTAL</sub>                  | mg/kg | 10 | MCERTS    | 1400  | 3000  | 35    | 240   | < 10  |

#### VOCs

|                                    |       |   |        |       |       |       |                       |       |
|------------------------------------|-------|---|--------|-------|-------|-------|-----------------------|-------|
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 | < 5.0 <sup>***t</sup> | < 5.0 |
| Benzene                            | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 | < 5.0 <sup>***t</sup> | < 5.0 |
| Toluene                            | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 | < 5.0 <sup>***t</sup> | < 5.0 |
| Ethylbenzene                       | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 | < 5.0 <sup>***t</sup> | < 5.0 |
| p & m-Xylene                       | µg/kg | 8 | MCERTS | < 8.0 | < 8.0 | < 8.0 | < 8.0 <sup>***t</sup> | < 8.0 |
| o-Xylene                           | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 | < 5.0 <sup>***t</sup> | < 5.0 |

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

**Analytical Report Number : 25-065155**

**Project / Site name: Furners Lane, Woodmancote**

\* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

| Lab Sample Number | Sample Reference | Sample Number | Depth (m) | Sample Description *                           |
|-------------------|------------------|---------------|-----------|------------------------------------------------|
| 769004            | 1                | None Supplied | 0.1       | Brown sand with gravel and stones              |
| 769005            | 2                | None Supplied | 0.1       | Brown sand with gravel and stones              |
| 769006            | 3                | None Supplied | 0.1       | Brown sand with gravel and stones              |
| 769007            | 4                | None Supplied | 0.1       | Brown clay and sand with vegetation and stones |
| 769008            | 5                | None Supplied | 0.1       | Brown clay and sand with gravel and vegetation |

**Analytical Report Number : 25-065155**

**Project / Site name: Furners Lane, Woodmancote**

**Water matrix abbreviations:**

**Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)**

**Final Sewage Effluent (FSE) Landfill Leachate (LL)**

| Analytical Test Name                                                                       | Analytical Method Description                                                                                                                       | Analytical Method Reference                                                         | Method number | Wet / Dry Analysis | Accreditation Status |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--------------------|----------------------|
| Asbestos identification in Soil                                                            | Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques                               | In-house method based on HSG 248, 2021                                              | A001B         | D                  | ISO 17025            |
| Total organic carbon (Automated) in soil                                                   | Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method) | In-house method                                                                     | L009B         | D                  | MCERTS               |
| Moisture Content                                                                           | Moisture content, determined gravimetrically (up to 30°C)                                                                                           | In-house method                                                                     | L019B         | W                  | NONE                 |
| Stones content of soil                                                                     | Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight                          | In-house method based on British Standard Methods and MCERTS requirements.          | L019B         | D                  | NONE                 |
| Metals in soil by ICP-OES                                                                  | Determination of metals in soil by aqua-regia digestion followed by ICP-OES                                                                         | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil | L038B         | D                  | MCERTS               |
| Boron, water soluble, in soil                                                              | Determination of water soluble boron in soil by hot water extract followed by ICP-OES                                                               | In-house method based on Second Site Properties version 3                           | L038B         | D                  | MCERTS               |
| Total sulphate (as SO4 in soil)                                                            | Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES                                                              | In-house method                                                                     | L038B         | D                  | MCERTS               |
| Sulphate, water soluble, in soil (16hr extraction)                                         | Sulphate, water soluble, in soil (16hr extraction)                                                                                                  | In-house method                                                                     | L038B         | D                  | MCERTS               |
| Speciated PAHs and/or Semi-volatile organic compounds in soil                              | Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS              | In-house method based on USEPA 8270                                                 | L064B         | D                  | MCERTS               |
| TPH Chromatogram in soil                                                                   | TPH Chromatogram in soil                                                                                                                            | In-house method                                                                     | L064B         | D                  | NONE                 |
| BTEX and/or Volatile organic compounds in soil                                             | Determination of volatile organic compounds in soil by headspace GC-MS                                                                              | In-house method based on USEPA 8260                                                 | L073B         | W                  | MCERTS               |
| Total petroleum hydrocarbons with carbon banding by GC-FID in soil                         | Determination of total petroleum hydrocarbons in soil by GC-FID with carbon banding aliphatic and aromatic                                          | In-house method                                                                     | L076B         | D                  | MCERTS               |
| Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil (Summed Bands) | Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic (Summed Bands).                 | Calculation                                                                         | L076B/L088-PL | D/W                | NONE                 |
| Total petroleum hydrocarbons by GC-FID in soil                                             | Determination of total petroleum hydrocarbons in soil by GC-FID                                                                                     | In-house method                                                                     | L076B         | D                  | MCERTS               |
| Total petroleum hydrocarbons by GC-FID/GC-MS HS in soil (Summed Bands)                     | Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS (Summed Bands).                                                            | Calculation                                                                         | L076B/L088-PL | D/W                | NONE                 |

Analytical Report Number : 25-065155

Project / Site name: Furners Lane, Woodmancote

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name                                                 | Analytical Method Description                                                                                                                        | Analytical Method Reference    | Method number | Wet / Dry Analysis | Accreditation Status |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------|--------------------|----------------------|
| Chromium III in soil                                                 | In-house method by calculation from total Cr and Cr VI                                                                                               | In-house method by calculation | L080-PL/L130B | W                  | NONE                 |
| Hexavalent chromium in soil (low level)                              | Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry | In-house method                | L080-PL       | W                  | NONE                 |
| Total petroleum hydrocarbons with carbon banding by HS-GC/MS in soil | Determination of total petroleum hydrocarbons in soil by HS-GC/MS with carbon banding aliphatic and aromatic                                         | In-house method                | L088-PL       | W                  | MCERTS               |
| Total petroleum hydrocarbons by HS-GC-MS in soil                     | Determination of total petroleum hydrocarbons in soil by HS-GC-MS                                                                                    | In-house method                | L129-PL       | W                  | ISO 17025            |
| pH in soil (automated)                                               | Determination of pH in soil by addition of water followed by automated electrometric measurement                                                     | In-house method                | L099-PL       | D                  | MCERTS               |
| Soil Descriptions                                                    | Textural classification                                                                                                                              | In-house method                | L019B         | W                  | NONE                 |

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

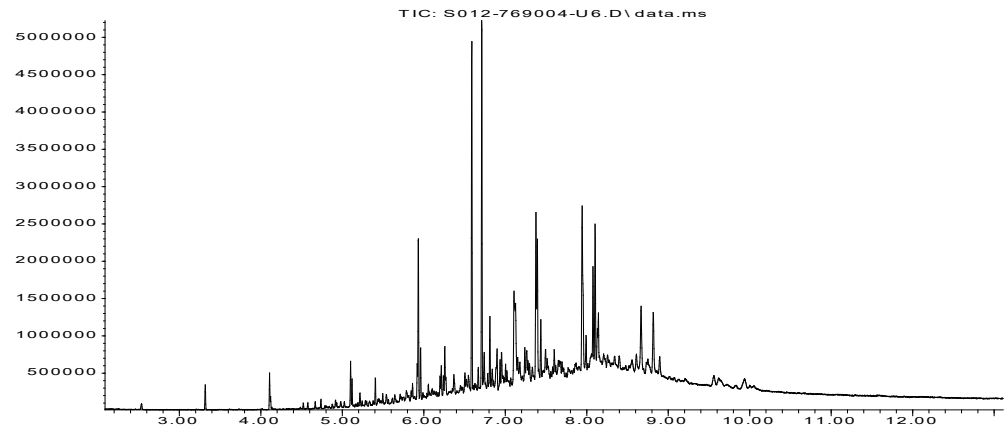
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

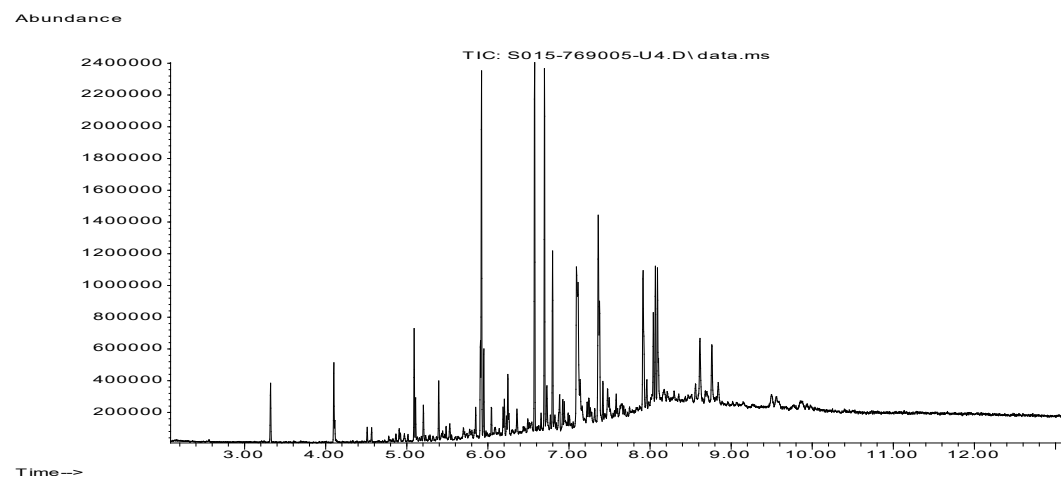
The result for sum should be interpreted with caution

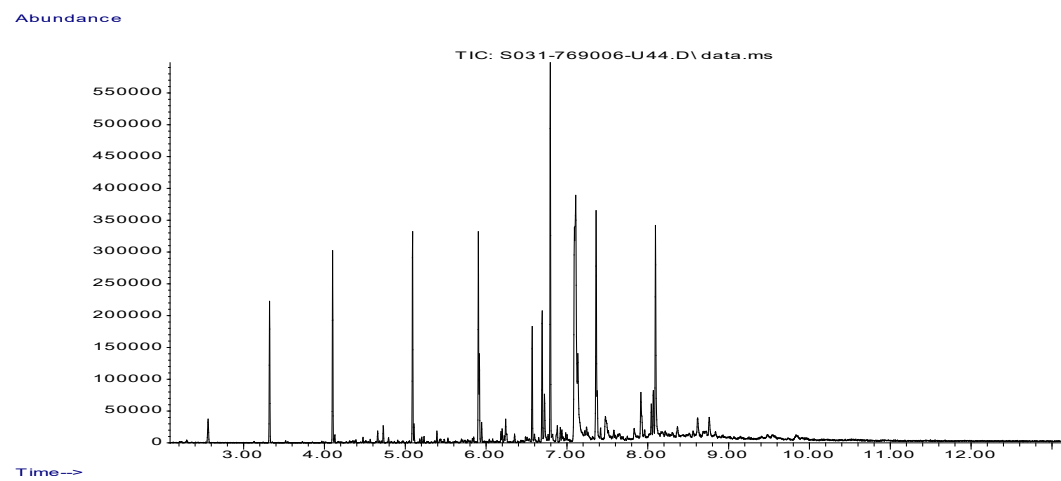
\*\*t- No additional VOC container submitted for provision of repeat/dilution. The result should be considered as deviating and should be interpreted with caution.

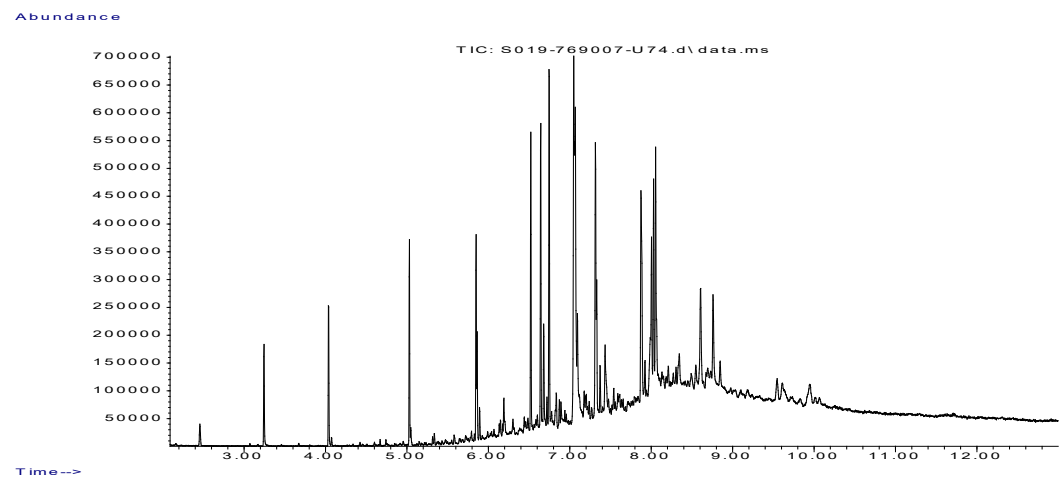
Abundance

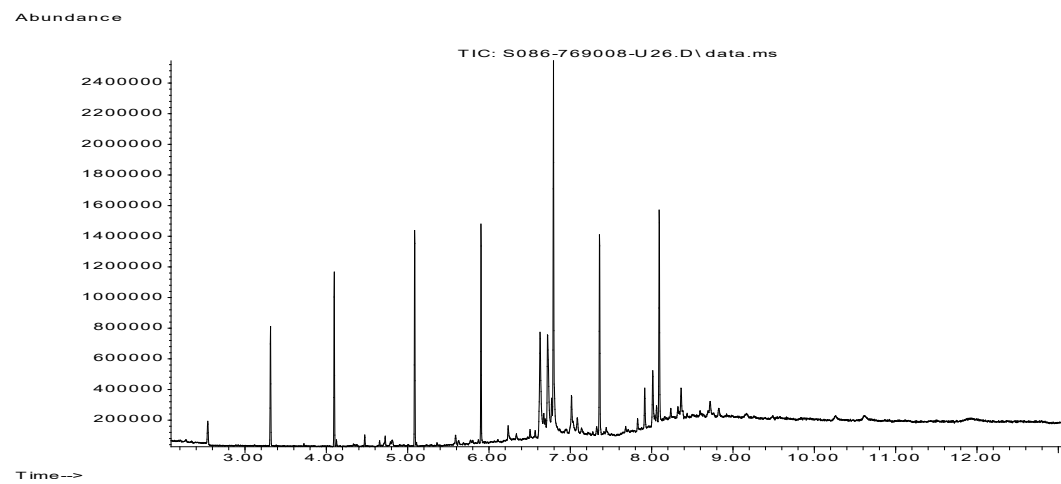


Time-->









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## **Analytical Report Number : 25-068393**

|                             |                           |                                                        |            |
|-----------------------------|---------------------------|--------------------------------------------------------|------------|
| <b>Project / Site name:</b> | Furners Lane, Woodmancote | <b>Samples received on:</b>                            | 18/12/2025 |
| <b>Your job number:</b>     | 25 13289 GO               | <b>Samples instructed on/<br/>Analysis started on:</b> | 18/12/2025 |
| <b>Your order number:</b>   | 15841                     | <b>Analysis completed by:</b>                          | 07/01/2026 |
| <b>Report Issue Number:</b> | 1                         | <b>Report issued on:</b>                               | 07/01/2026 |
| <b>Samples Analysed:</b>    | 2 soil samples            |                                                        |            |



**Signed:**

Rafał Szczepańczyk  
Technical Reviewer  
**For & on behalf of i2 Analytical Ltd.**

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

|           |                                 |
|-----------|---------------------------------|
| soils     | - 4 weeks from reporting        |
| leachates | - 2 weeks from reporting        |
| waters    | - 2 weeks from reporting        |
| asbestos  | - 6 months from reporting       |
| air       | - once the analysis is complete |

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.  
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.  
Application of uncertainty of measurement would provide a range within which the true result lies.  
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-068393

Project / Site name: Furners Lane, Woodmancote

Your Order No: 15841

|                                         |               |                            |                              |               |  |
|-----------------------------------------|---------------|----------------------------|------------------------------|---------------|--|
| Lab Sample Number                       | 787217        |                            |                              | 787218        |  |
| Sample Reference                        | 2             |                            |                              | 2             |  |
| Sample Number                           | None Supplied |                            |                              | None Supplied |  |
| Water Matrix                            | N/A           |                            |                              | N/A           |  |
| Depth (m)                               | 0.30          |                            |                              | 0.50          |  |
| Date Sampled                            | 01/12/2025    |                            |                              | 01/12/2025    |  |
| Time Taken                              | None Supplied |                            |                              | None Supplied |  |
| Analytical Parameter<br>(Soil Analysis) | Units         | Test Limit of<br>detection | Test Accreditation<br>Status |               |  |

|                               |    |      |      |      |       |
|-------------------------------|----|------|------|------|-------|
| Stone Content                 | %  | 0.1  | NONE | 69.7 | < 0.1 |
| Moisture Content              | %  | 0.01 | NONE | 8.6  | 18    |
| Total mass of sample received | kg | 0.1  | NONE | 0.2  | 0.2   |

#### Speciated PAHs

|                        |       |      |           |        |      |
|------------------------|-------|------|-----------|--------|------|
| Naphthalene            | mg/kg | 0.05 | MCERTS    | < 0.05 | 0.08 |
| Acenaphthylene         | mg/kg | 0.05 | MCERTS    | 0.19   | 0.09 |
| Acenaphthene           | mg/kg | 0.05 | MCERTS    | 0.12   | 0.14 |
| Fluorene               | mg/kg | 0.05 | MCERTS    | 0.1    | 0.17 |
| Phenanthrene           | mg/kg | 0.05 | MCERTS    | 0.69   | 1.7  |
| Anthracene             | mg/kg | 0.05 | MCERTS    | 0.22   | 0.46 |
| Fluoranthene           | mg/kg | 0.05 | MCERTS    | 1.7    | 3.3  |
| Pyrene                 | mg/kg | 0.05 | MCERTS    | 1.8    | 3.1  |
| Benzo(a)anthracene     | mg/kg | 0.05 | MCERTS    | 0.9    | 1.5  |
| Chrysene               | mg/kg | 0.05 | MCERTS    | 1      | 1.5  |
| Benzo(b)fluoranthene   | mg/kg | 0.05 | ISO 17025 | 1.7    | 1.8  |
| Benzo(k)fluoranthene   | mg/kg | 0.05 | ISO 17025 | 0.52   | 0.85 |
| Benzo(a)pyrene         | mg/kg | 0.05 | MCERTS    | 1.3    | 1.5  |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS    | 0.89   | 0.84 |
| Dibenz(a,h)anthracene  | mg/kg | 0.05 | MCERTS    | 0.2    | 0.18 |
| Benzo(ghi)perylene     | mg/kg | 0.05 | MCERTS    | 1.2    | 1.1  |

#### Total PAH

|                             |       |     |           |      |      |
|-----------------------------|-------|-----|-----------|------|------|
| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | ISO 17025 | 12.6 | 18.1 |
|-----------------------------|-------|-----|-----------|------|------|

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

**Analytical Report Number : 25-068393**

**Project / Site name: Furners Lane, Woodmancote**

\* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

| Lab Sample Number | Sample Reference | Sample Number | Depth (m) | Sample Description *                       |
|-------------------|------------------|---------------|-----------|--------------------------------------------|
| 787217            | 2                | None Supplied | 0.3       | Brown clay and sand with gravel and stones |
| 787218            | 2                | None Supplied | 0.5       | Brown clay and sand with gravel            |

**Analytical Report Number : 25-068393**

**Project / Site name: Furners Lane, Woodmancote**

**Water matrix abbreviations:**

**Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)**

**Final Sewage Effluent (FSE) Landfill Leachate (LL)**

| Analytical Test Name                                          | Analytical Method Description                                                                                                          | Analytical Method Reference                                                | Method number | Wet / Dry Analysis | Accreditation Status |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------|--------------------|----------------------|
| Moisture Content (Wet Weight)                                 | Moisture content (% wet weight), determined gravimetrically (up to 30°C)                                                               | In-house-procedure based on BS EN 12880:2000                               | L019B         | W                  | NONE                 |
| Stones content of soil                                        | Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight             | In-house method based on British Standard Methods and MCERTS requirements. | L019B         | D                  | NONE                 |
| Speciated PAHs and/or Semi-volatile organic compounds in soil | Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS | In-house method based on USEPA 8270                                        | L064B         | D                  | MCERTS               |
| Soil Descriptions                                             | Textural classification                                                                                                                | In-house method                                                            | L019B         | W                  | NONE                 |

**For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).**

**For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).**

**For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.**

**Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.**

**Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.**

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution

**Analytical Report Number : 25-068393**

**Project / Site name: Furners Lane, Woodmancote**

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container/Insufficient material provided c - Holding time d - Headspace e - Temperature

| Sample ID | Other ID | Sample Type | Lab Sample Number | Sample Deviation | Test Name                                                     | Test Ref | Test Deviation |
|-----------|----------|-------------|-------------------|------------------|---------------------------------------------------------------|----------|----------------|
| 2         | N/A      | S           | 787217            | c                | Speciated PAHs and/or Semi-volatile organic compounds in soil | L064B    | c              |
| 2         | N/A      | S           | 787218            | c                | Speciated PAHs and/or Semi-volatile organic compounds in soil | L064B    | c              |

## **APPENDIX 3**

# **WASTE**

# WASTE CLASSIFICATION

---

The European Waste Framework Directive is implemented in the UK by the 2002 Landfill Regulations, together with a number of other acts and regulations. A key part of this process is to establish the hazardous properties of potential waste. The classification and definition of hazardous waste is interpreted within the Environment Agency guidance WM3 and all wastes require classifying in accordance with the European Waste Catalogue [EWC]. The EWC is a detailed list of typical industry waste types and each has a 6 digit code. Typically the appropriate EWC codes for excavated soil being disposed off site are:

- 17 05 03\* soil and stones containing dangerous substances, or
- 17 05 04 soil and stones other than those mentioned in 17 05 03

If excavated soils are to be discarded or exported from site then they would be considered controlled waste and require classification. However, if soils can be re-used on site then they are not considered to be controlled waste. A Desk Study, soil descriptions, laboratory chemical analysis and risk assessment can all contribute to basic waste characterisation. Depending upon the chemical composition or levels of contaminants in the waste (e.g. metals, TPH, asbestos), soil and stones can either be hazardous or non-hazardous. Waste Acceptance Criteria [WAC] test results are used to determine the suitability of the waste intended for disposal against the acceptance criteria for a particular class of landfill site. WAC tests are not used for the classification of waste soils and are only required for inert or hazardous excavated material which is destined for landfill.

Wastes containing asbestos with a concentration of >0.10% weight/weight (w/w) are generally considered to be hazardous. While waste with <0.10% w/w of asbestos are considered non-hazardous. Where free fibres or fibrous asbestos is present at concentrations of >0.001% then these are considered to pose a risk to human health and are deemed hazardous waste. These waste materials also require a suitably licensed company to handle them.

## Waste Treatment

It is a requirement of the 2002 Landfill Regulations that all wastes must undergo some form of pre-treatment prior to disposal at an appropriately licensed landfill. Treatment is defined using a 'three-point test' and can include physical, chemical, biological or thermal processes, which must change the characteristics of the waste in order to:

- reduce its volume, or
- reduce its hazardous nature, or
- facilitate its handling, or
- enhance its recovery.

The exceptions to this are:

- inert waste for which treatment is not technically feasible.
- it is waste other than inert waste and treatment would not reduce its quantity or its hazards to human health or the environment.

The waste producer should either treat their own waste or ensure that the waste will be treated by a subsequent handler. The waste producer should record the type and amount of pre-treatment undertaken prior to disposal.

Examples of treatment include mechanical segregation or sorting, composting, soil treatment hubs and incineration. This can include physical sorting of waste soil types into separate stockpiles at the producer site, e.g. topsoil, made ground and natural clay, sand or gravels.

## 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)



R5M4A-UZ7RV-YJ8A5

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

Report is invalid if pages are removed.

### Job name

25-065155\_HWOL

### Description/Comments

### Project

25/13289/GO

### Site

Furners Lane, Woodmancote

### Classified by

Name: **George Owens**  
 Date: **22 Jan 2026 11:54 GMT**  
 Telephone: **01428 684 836**  
 Company: **Albury SI Ltd**  
**Miltons Yard, Petworth Rd, Witley**  
**Godalming**  
**GU8 5LH**

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:**

**Course**

Hazardous Waste Classification

**Date**

### Purpose of classification

2 - Material Characterisation

### Address of the waste

Pear Tree Farm, Furners Lane, Woodmancote

Post Code **BN5 9HX**

### SIC for the process giving rise to the waste

41201 Construction of commercial buildings

### Description of industry/producer giving rise to the waste

Construction of industrial/commercial unit

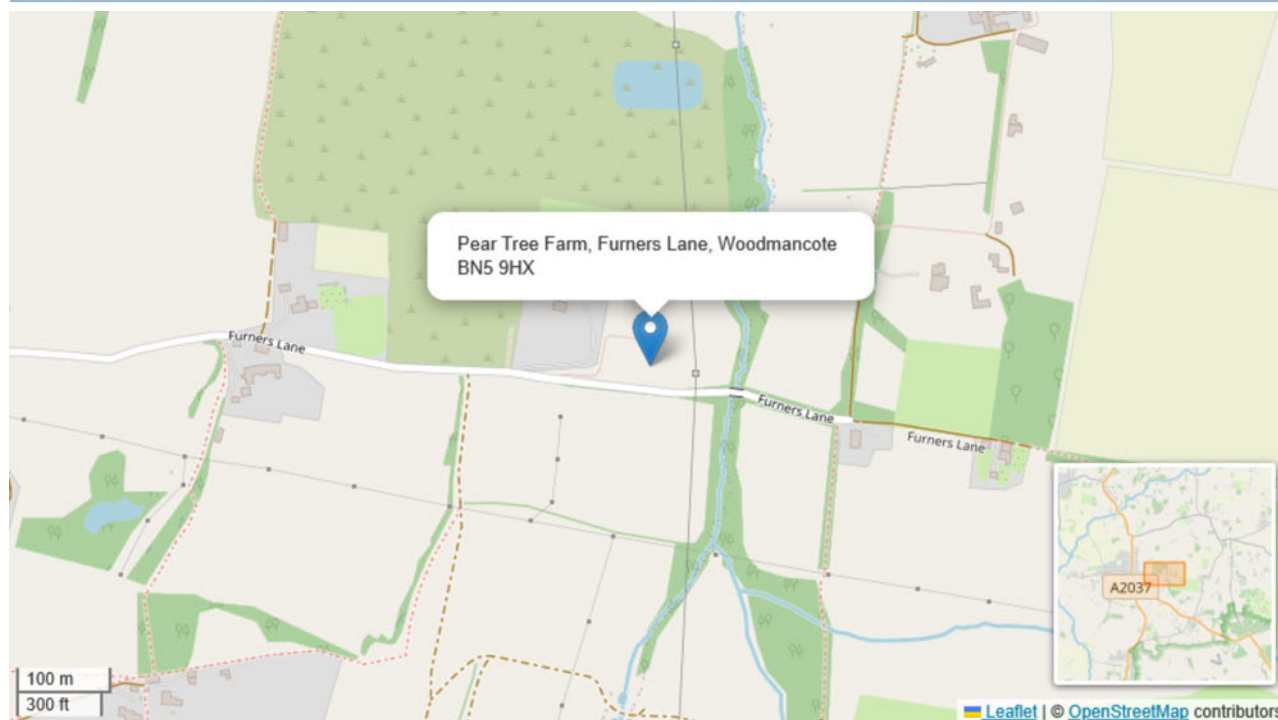
### Description of the specific process, sub-process and/or activity that created the waste

Waste created from excavation of foundations

### Description of the waste

made ground, sandy clay and sand

## Waste Location



## Job summary

| # | Sample name      | Depth [m] | Classification Result | Hazard properties | Page |
|---|------------------|-----------|-----------------------|-------------------|------|
| 1 | 1--01122025-0.10 | 0.10      | Hazardous             | HP 7, HP 11       | 4    |
| 2 | 2--01122025-0.10 | 0.10      | Hazardous             | HP 7, HP 11       | 7    |
| 3 | 3--01122025-0.10 | 0.10      | Non Hazardous         |                   | 10   |
| 4 | 4--01122025-0.10 | 0.10      | Non Hazardous         |                   | 13   |
| 5 | 5--01122025-0.10 | 0.10      | Non Hazardous         |                   | 16   |

## Related documents

| # | Name                                                             | Description                                       |
|---|------------------------------------------------------------------|---------------------------------------------------|
| 1 | 25-065155_HWOL.hwol                                              | i2 Analytical .hwol file used to populate the Job |
| 2 | Example worst case waste stream template: 17 05 04 or 17 05 03 * | waste stream template used to create this Job     |

## Report

Created by: George Owens

Created date: 22 Jan 2026 11:54 GMT

| Appendices                                                 | Page |
|------------------------------------------------------------|------|
| Appendix A: Classifier defined and non GB MCL determinands | 19   |
| Appendix B: Rationale for selection of metal species       | 20   |
| Appendix C: Version                                        | 21   |

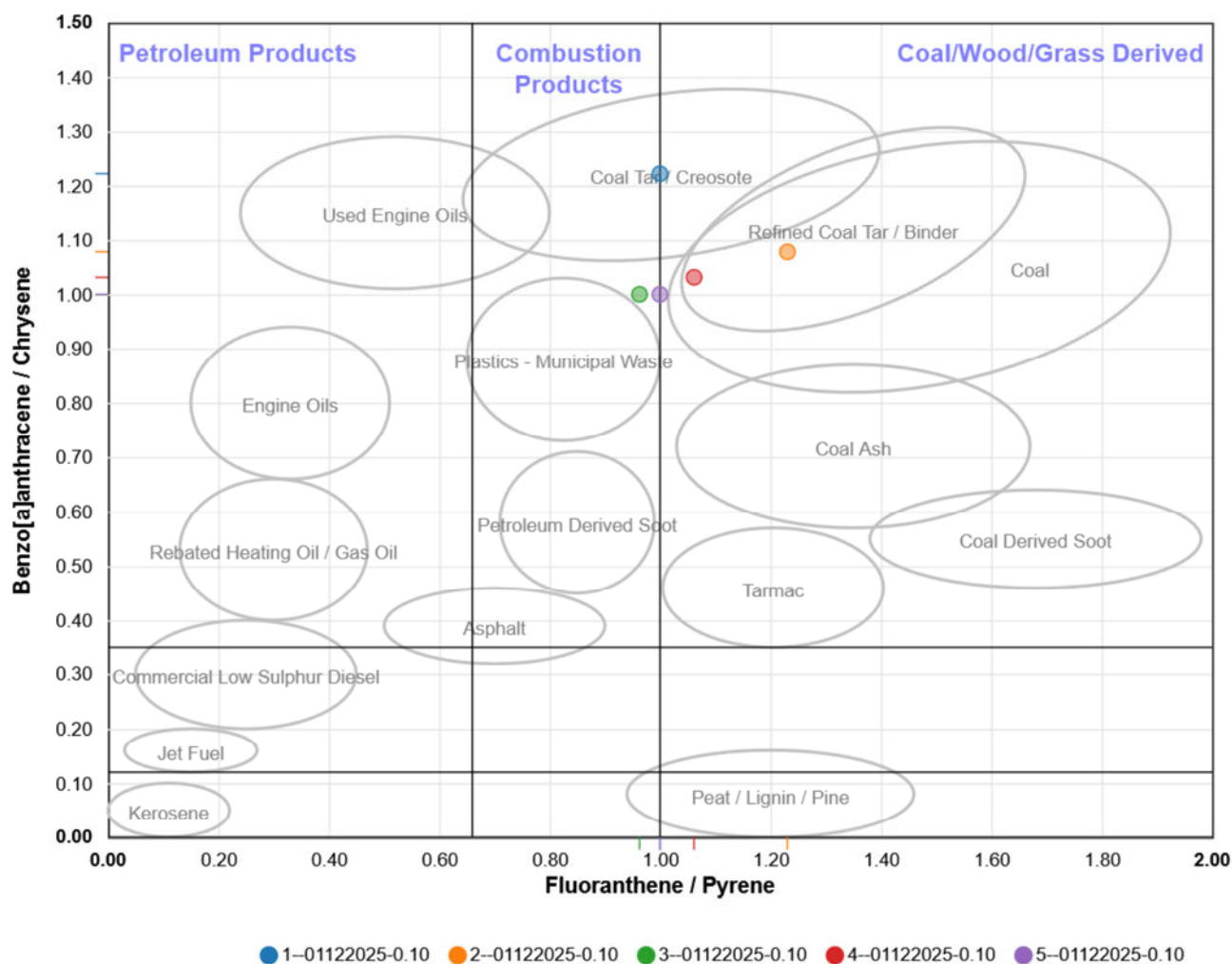
## PAH Double Ratio plot

### Disclaimer

The domains, oval areas and the plotted points are **indicators only** and must be combined with other lines of evidence to form conclusions. Samples marked with an empty circle are not plotted as they fall outside of the graph's boundaries

### Credits

The domains and the horizontal and vertical lines are derived from Yunker et al. 2002 (Organic Geochemistry 33, 489-515)



### Credits for the oval areas and labels

HazWasteOnline, 2023; Jones Environmental Forensics, 2014

Classification of sample: 1--01122025-0.10

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

#### Sample details

|                         |                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                        |
| <b>1--01122025-0.10</b> | Chapter:                                                                                         |
| Sample Depth:           | <b>17: Construction and Demolition Wastes (including excavated soil from contaminated sites)</b> |
| <b>0.10 m</b>           | Entry:                                                                                           |
| Moisture content:       | <b>17 05 03 * (Soil and stones containing hazardous substances)</b>                              |
| <b>4%</b>               |                                                                                                  |
| (wet weight correction) |                                                                                                  |

#### Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.134%)

**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.: 0.134%)

#### Determinands

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

| # | Determinand                                                                                                                             |                                |                                  | CLP Note | User entered data | Conv. Factor | Compound conc. |             | Classification value | MC Applied | Conc. Not Used |
|---|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------|----------|-------------------|--------------|----------------|-------------|----------------------|------------|----------------|
|   | EU CLP index number                                                                                                                     | EC Number                      | CAS Number                       |          |                   |              |                |             |                      |            |                |
| 1 | asbestos fibres detected (Yes/No)                                                                                                       |                                |                                  |          | No                |              |                |             |                      |            |                |
|   |                                                                                                                                         |                                | ACM_FIBRES                       |          |                   |              |                |             |                      |            |                |
| 2 | arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }                                    |                                |                                  |          | 8.7 mg/kg         | 1.895        | 15.823 mg/kg   | 0.00158 %   | ✓                    |            |                |
|   | 033-005-00-1                                                                                                                            |                                |                                  |          |                   |              |                |             |                      |            |                |
| 3 | beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex } |                                |                                  |          | 0.49 mg/kg        | 8.868        | 4.171 mg/kg    | 0.000417 %  | ✓                    |            |                |
|   | 004-002-00-2                                                                                                                            |                                |                                  |          |                   |              |                |             |                      |            |                |
| 4 | boron { boric acid; [1] boric acid; [2] }                                                                                               |                                |                                  |          | 0.4 mg/kg         | 5.719        | 2.196 mg/kg    | 0.00022 %   | ✓                    |            |                |
|   | 005-007-00-2                                                                                                                            | 233-139-2 [1]<br>234-343-4 [2] | 10043-35-3 [1]<br>11113-50-1 [2] |          |                   |              |                |             |                      |            |                |
| 5 | cadmium { cadmium sulfate }                                                                                                             |                                |                                  |          | 0.3 mg/kg         | 1.855        | 0.534 mg/kg    | 0.0000534 % | ✓                    |            |                |
|   | 048-009-00-9                                                                                                                            | 233-331-6                      | 10124-36-4                       |          |                   |              |                |             |                      |            |                |
| 6 | chromium in Cr(III) compounds { chromium(III) oxide }                                                                                   |                                |                                  |          | 23 mg/kg          | 1.462        | 32.271 mg/kg   | 0.00323 %   | ✓                    |            |                |
|   |                                                                                                                                         | 215-160-9                      | 1308-38-9                        |          |                   |              |                |             |                      |            |                |

| #  | 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                                                   |          |                                     |       |              |                |       |                      |            |                |
| 7  | chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                                                  |                                                              |          | <1.2                                | mg/kg | 2.27         | <2.724         | mg/kg | <0.000272 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                       |                                                                  |                                                              |          |                                     |       |              |                |       |                      |            |                |
| 8  | copper { copper sulphate pentahydrate }                                                                                                            |                                                                  |                                                              |          | 21                                  | mg/kg | 3.929        | 79.21          | mg/kg | 0.00792 %            | ✓          |                |
|    | 029-023-00-4                                                                                                                                       | 231-847-6                                                        | 7758-99-8                                                    |          |                                     |       |              |                |       |                      |            |                |
| 9  | lead { lead chromate }                                                                                                                             |                                                                  |                                                              | 1        | 50                                  | mg/kg | 1.56         | 74.871         | mg/kg | 0.0048 %             | ✓          |                |
|    | 082-004-00-2                                                                                                                                       | 231-846-0                                                        | 7758-97-6                                                    |          |                                     |       |              |                |       |                      |            |                |
| 10 | mercury { mercury dichloride }                                                                                                                     |                                                                  |                                                              |          | <0.3                                | mg/kg | 1.353        | <0.406         | mg/kg | <0.0000406 %         |            | <LOD           |
|    | 080-010-00-X                                                                                                                                       | 231-299-8                                                        | 7487-94-7                                                    |          |                                     |       |              |                |       |                      |            |                |
| 11 | nickel { nickel dibromate }                                                                                                                        |                                                                  |                                                              |          | 18                                  | mg/kg | 5.358        | 92.592         | mg/kg | 0.00926 %            | ✓          |                |
|    | 028-053-00-5                                                                                                                                       | 238-596-1                                                        | 14550-87-9                                                   |          |                                     |       |              |                |       |                      |            |                |
| 12 | selenium { nickel selenate }                                                                                                                       |                                                                  |                                                              |          | <1                                  | mg/kg | 2.554        | <2.554         | mg/kg | <0.000255 %          |            | <LOD           |
|    | 028-031-00-5                                                                                                                                       | 239-125-2                                                        | 15060-62-5                                                   |          |                                     |       |              |                |       |                      |            |                |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide }                                                                                             |                                                                  |                                                              |          | 30                                  | mg/kg | 1.785        | 51.413         | mg/kg | 0.00514 %            | ✓          |                |
|    | 023-001-00-8                                                                                                                                       | 215-239-8                                                        | 1314-62-1                                                    |          |                                     |       |              |                |       |                      |            |                |
| 14 | zinc { zinc chromate }                                                                                                                             |                                                                  |                                                              |          | 61                                  | mg/kg | 2.774        | 162.454        | mg/kg | 0.0162 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                       | 236-878-9                                                        | 13530-65-9                                                   |          |                                     |       |              |                |       |                      |            |                |
| 15 | TPH (C6 to C40) petroleum group                                                                                                                    |                                                                  |                                                              |          | 1400                                | mg/kg |              | 1344           | mg/kg | 0.134 %              | ✓          |                |
|    |                                                                                                                                                    |                                                                  | TPH                                                          |          |                                     |       |              |                |       |                      |            |                |
| 16 | confirm TPH has NOT arisen from diesel or petrol                                                                                                   |                                                                  |                                                              |          | <input checked="" type="checkbox"/> |       |              |                |       |                      |            |                |
|    |                                                                                                                                                    |                                                                  | TPH_CONFIRM                                                  |          |                                     |       |              |                |       |                      |            |                |
| 17 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                                           |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 603-181-00-X                                                                                                                                       | 216-653-1                                                        | 1634-04-4                                                    |          |                                     |       |              |                |       |                      |            |                |
| 18 | benzene                                                                                                                                            |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 601-020-00-8                                                                                                                                       | 200-753-7                                                        | 71-43-2                                                      |          |                                     |       |              |                |       |                      |            |                |
| 19 | toluene                                                                                                                                            |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 601-021-00-3                                                                                                                                       | 203-625-9                                                        | 108-88-3                                                     |          |                                     |       |              |                |       |                      |            |                |
| 20 | ethylbenzene                                                                                                                                       |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 601-023-00-4                                                                                                                                       | 202-849-4                                                        | 100-41-4                                                     |          |                                     |       |              |                |       |                      |            |                |
| 21 | xylene                                                                                                                                             |                                                                  |                                                              |          | <0.013                              | mg/kg |              | <0.013         | mg/kg | <0.0000013 %         |            | <LOD           |
|    | 601-022-00-9                                                                                                                                       | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                                     |       |              |                |       |                      |            |                |
| 22 | pH                                                                                                                                                 |                                                                  |                                                              |          | 8.8                                 | pH    |              | 8.8            | pH    | 8.8 pH               |            |                |
|    |                                                                                                                                                    |                                                                  | PH                                                           |          |                                     |       |              |                |       |                      |            |                |
| 23 | naphthalene                                                                                                                                        |                                                                  |                                                              |          | 1.7                                 | mg/kg |              | 1.632          | mg/kg | 0.000163 %           | ✓          |                |
|    | 601-052-00-2                                                                                                                                       | 202-049-5                                                        | 91-20-3                                                      |          |                                     |       |              |                |       |                      |            |                |
| 24 | acenaphthylene                                                                                                                                     |                                                                  |                                                              |          | 0.68                                | mg/kg |              | 0.653          | mg/kg | 0.0000653 %          | ✓          |                |
|    |                                                                                                                                                    | 205-917-1                                                        | 208-96-8                                                     |          |                                     |       |              |                |       |                      |            |                |
| 25 | acenaphthene                                                                                                                                       |                                                                  |                                                              |          | 3.4                                 | mg/kg |              | 3.264          | mg/kg | 0.000326 %           | ✓          |                |
|    |                                                                                                                                                    | 201-469-6                                                        | 83-32-9                                                      |          |                                     |       |              |                |       |                      |            |                |
| 26 | fluorene                                                                                                                                           |                                                                  |                                                              |          | 3.1                                 | mg/kg |              | 2.976          | mg/kg | 0.000298 %           | ✓          |                |
|    |                                                                                                                                                    | 201-695-5                                                        | 86-73-7                                                      |          |                                     |       |              |                |       |                      |            |                |
| 27 | phenanthrene                                                                                                                                       |                                                                  |                                                              |          | 20                                  | mg/kg |              | 19.2           | mg/kg | 0.00192 %            | ✓          |                |
|    |                                                                                                                                                    | 201-581-5                                                        | 85-01-8                                                      |          |                                     |       |              |                |       |                      |            |                |
| 28 | anthracene                                                                                                                                         |                                                                  |                                                              |          | 6.5                                 | mg/kg |              | 6.24           | mg/kg | 0.000624 %           | ✓          |                |
|    |                                                                                                                                                    | 204-371-1                                                        | 120-12-7                                                     |          |                                     |       |              |                |       |                      |            |                |
| 29 | fluoranthene                                                                                                                                       |                                                                  |                                                              |          | 43                                  | mg/kg |              | 41.28          | mg/kg | 0.00413 %            | ✓          |                |
|    |                                                                                                                                                    | 205-912-4                                                        | 206-44-0                                                     |          |                                     |       |              |                |       |                      |            |                |
| 30 | pyrene                                                                                                                                             |                                                                  |                                                              |          | 43                                  | mg/kg |              | 41.28          | mg/kg | 0.00413 %            | ✓          |                |
|    |                                                                                                                                                    | 204-927-3                                                        | 129-00-0                                                     |          |                                     |       |              |                |       |                      |            |                |
| 31 | benzo[a]anthracene                                                                                                                                 |                                                                  |                                                              |          | 22                                  | mg/kg |              | 21.12          | mg/kg | 0.00211 %            | ✓          |                |
|    | 601-033-00-9                                                                                                                                       | 200-280-6                                                        | 56-55-3                                                      |          |                                     |       |              |                |       |                      |            |                |
| 32 | chrysene                                                                                                                                           |                                                                  |                                                              |          | 18                                  | mg/kg |              | 17.28          | mg/kg | 0.00173 %            | ✓          |                |
|    | 601-048-00-0                                                                                                                                       | 205-923-4                                                        | 218-01-9                                                     |          |                                     |       |              |                |       |                      |            |                |
| 33 | benzo[b]fluoranthene                                                                                                                               |                                                                  |                                                              |          | 27                                  | mg/kg |              | 25.92          | mg/kg | 0.00259 %            | ✓          |                |
|    | 601-034-00-4                                                                                                                                       | 205-911-9                                                        | 205-99-2                                                     |          |                                     |       |              |                |       |                      |            |                |

| #      | Determinand                        |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 34     | benzo[k]fluoranthene               |           |            |          | 11 mg/kg          |              | 10.56 mg/kg    | 0.00106 %            | ✓          |                |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 35     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | 23 mg/kg          |              | 22.08 mg/kg    | 0.00221 %            | ✓          |                |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 36     | indeno[123-cd]pyrene               |           |            |          | 13 mg/kg          |              | 12.48 mg/kg    | 0.00125 %            | ✓          |                |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 37     | dibenz[a,h]anthracene              |           |            |          | 2.3 mg/kg         |              | 2.208 mg/kg    | 0.000221 %           | ✓          |                |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 38     | benzo[ghi]perylene                 |           |            |          | 14 mg/kg          |              | 13.44 mg/kg    | 0.00134 %            | ✓          |                |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.207 %              |            |                |

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

**Supplementary Hazardous Property Information**

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: **12500 mg/kg (1.25%)**  
 because: No liquid phase- too low concentration to be flammable

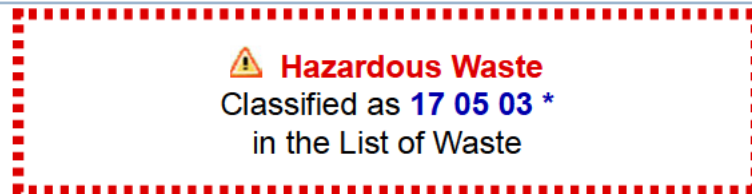
Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.134%)

Classification of sample: 2--01122025-0.10


**Sample details**

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>2--01122025-0.10</b> | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.10 m</b>           | Entry:                                                                                    |
| Moisture content:       | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>4.2%</b>             |                                                                                           |
| (wet weight correction) |                                                                                           |

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.287%)

**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.: 0.287%)

**Determinands**

Moisture content: 4.2% 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 | asbestos fibres detected (Yes/No)                                                                                                       |                                |                                  |          | No                |              |                |                      |            |                |
|   |                                                                                                                                         |                                | ACM FIBRES                       |          |                   |              |                |                      |            |                |
| 2 | arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }                                    |                                |                                  |          | 7.2 mg/kg         | 1.895        | 13.068 mg/kg   | 0.00131 %            | ✓          |                |
|   | 033-005-00-1                                                                                                                            |                                |                                  |          |                   |              |                |                      |            |                |
| 3 | beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex } |                                |                                  |          | 0.98 mg/kg        | 8.868        | 8.326 mg/kg    | 0.000833 %           | ✓          |                |
|   | 004-002-00-2                                                                                                                            |                                |                                  |          |                   |              |                |                      |            |                |
| 4 | boron { boric acid; [1] boric acid; [2] }                                                                                               |                                |                                  |          | 1 mg/kg           | 5.719        | 5.479 mg/kg    | 0.000548 %           | ✓          |                |
|   | 005-007-00-2                                                                                                                            | 233-139-2 [1]<br>234-343-4 [2] | 10043-35-3 [1]<br>11113-50-1 [2] |          |                   |              |                |                      |            |                |
| 5 | cadmium { cadmium sulfate }                                                                                                             |                                |                                  |          | 0.5 mg/kg         | 1.855        | 0.888 mg/kg    | 0.0000888 %          | ✓          |                |
|   | 048-009-00-9                                                                                                                            | 233-331-6                      | 10124-36-4                       |          |                   |              |                |                      |            |                |
| 6 | chromium in Cr(III) compounds { chromium(III) oxide }                                                                                   |                                |                                  |          | 42 mg/kg          | 1.462        | 58.807 mg/kg   | 0.00588 %            | ✓          |                |
|   |                                                                                                                                         | 215-160-9                      | 1308-38-9                        |          |                   |              |                |                      |            |                |

| #  | 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                                                   |          |                                     |       |              |                |       |                      |            |                |
| 7  | chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                                                  |                                                              | 1        | <1.2                                | mg/kg | 2.27         | <2.724         | mg/kg | <0.000272 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                       |                                                                  |                                                              |          |                                     |       |              |                |       |                      |            |                |
| 8  | copper { copper sulphate pentahydrate }                                                                                                            |                                                                  |                                                              |          | 42                                  | mg/kg | 3.929        | 158.089        | mg/kg | 0.0158 %             | ✓          |                |
|    | 029-023-00-4                                                                                                                                       | 231-847-6                                                        | 7758-99-8                                                    |          |                                     |       |              |                |       |                      |            |                |
| 9  | lead { lead chromate }                                                                                                                             |                                                                  |                                                              | 1        | 58                                  | mg/kg | 1.56         | 86.67          | mg/kg | 0.00556 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                       | 231-846-0                                                        | 7758-97-6                                                    |          |                                     |       |              |                |       |                      |            |                |
| 10 | mercury { mercury dichloride }                                                                                                                     |                                                                  |                                                              |          | <0.3                                | mg/kg | 1.353        | <0.406         | mg/kg | <0.0000406 %         |            | <LOD           |
|    | 080-010-00-X                                                                                                                                       | 231-299-8                                                        | 7487-94-7                                                    |          |                                     |       |              |                |       |                      |            |                |
| 11 | nickel { nickel dibromate }                                                                                                                        |                                                                  |                                                              |          | 19                                  | mg/kg | 5.358        | 97.532         | mg/kg | 0.00975 %            | ✓          |                |
|    | 028-053-00-5                                                                                                                                       | 238-596-1                                                        | 14550-87-9                                                   |          |                                     |       |              |                |       |                      |            |                |
| 12 | selenium { nickel selenate }                                                                                                                       |                                                                  |                                                              |          | 1.1                                 | mg/kg | 2.554        | 2.691          | mg/kg | 0.000269 %           | ✓          |                |
|    | 028-031-00-5                                                                                                                                       | 239-125-2                                                        | 15060-62-5                                                   |          |                                     |       |              |                |       |                      |            |                |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide }                                                                                             |                                                                  |                                                              |          | 49                                  | mg/kg | 1.785        | 83.8           | mg/kg | 0.00838 %            | ✓          |                |
|    | 023-001-00-8                                                                                                                                       | 215-239-8                                                        | 1314-62-1                                                    |          |                                     |       |              |                |       |                      |            |                |
| 14 | zinc { zinc chromate }                                                                                                                             |                                                                  |                                                              |          | 120                                 | mg/kg | 2.774        | 318.916        | mg/kg | 0.0319 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                       | 236-878-9                                                        | 13530-65-9                                                   |          |                                     |       |              |                |       |                      |            |                |
| 15 | TPH (C6 to C40) petroleum group                                                                                                                    |                                                                  |                                                              |          | 3000                                | mg/kg |              | 2874           | mg/kg | 0.287 %              | ✓          |                |
|    |                                                                                                                                                    |                                                                  | TPH                                                          |          |                                     |       |              |                |       |                      |            |                |
| 16 | confirm TPH has NOT arisen from diesel or petrol                                                                                                   |                                                                  |                                                              |          | <input checked="" type="checkbox"/> |       |              |                |       |                      |            |                |
|    |                                                                                                                                                    |                                                                  | TPH_CONFIRM                                                  |          |                                     |       |              |                |       |                      |            |                |
| 17 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                                           |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 603-181-00-X                                                                                                                                       | 216-653-1                                                        | 1634-04-4                                                    |          |                                     |       |              |                |       |                      |            |                |
| 18 | benzene                                                                                                                                            |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 601-020-00-8                                                                                                                                       | 200-753-7                                                        | 71-43-2                                                      |          |                                     |       |              |                |       |                      |            |                |
| 19 | toluene                                                                                                                                            |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 601-021-00-3                                                                                                                                       | 203-625-9                                                        | 108-88-3                                                     |          |                                     |       |              |                |       |                      |            |                |
| 20 | ethylbenzene                                                                                                                                       |                                                                  |                                                              |          | <0.005                              | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 601-023-00-4                                                                                                                                       | 202-849-4                                                        | 100-41-4                                                     |          |                                     |       |              |                |       |                      |            |                |
| 21 | xylene                                                                                                                                             |                                                                  |                                                              |          | <0.013                              | mg/kg |              | <0.013         | mg/kg | <0.0000013 %         |            | <LOD           |
|    | 601-022-00-9                                                                                                                                       | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                                     |       |              |                |       |                      |            |                |
| 22 | pH                                                                                                                                                 |                                                                  |                                                              |          | 8.9                                 | pH    |              | 8.9            | pH    | 8.9 pH               |            |                |
|    |                                                                                                                                                    |                                                                  | PH                                                           |          |                                     |       |              |                |       |                      |            |                |
| 23 | naphthalene                                                                                                                                        |                                                                  |                                                              |          | 14                                  | mg/kg |              | 13.412         | mg/kg | 0.00134 %            | ✓          |                |
|    | 601-052-00-2                                                                                                                                       | 202-049-5                                                        | 91-20-3                                                      |          |                                     |       |              |                |       |                      |            |                |
| 24 | acenaphthylene                                                                                                                                     |                                                                  |                                                              |          | 2.3                                 | mg/kg |              | 2.203          | mg/kg | 0.00022 %            | ✓          |                |
|    |                                                                                                                                                    | 205-917-1                                                        | 208-96-8                                                     |          |                                     |       |              |                |       |                      |            |                |
| 25 | acenaphthene                                                                                                                                       |                                                                  |                                                              |          | 21                                  | mg/kg |              | 20.118         | mg/kg | 0.00201 %            | ✓          |                |
|    |                                                                                                                                                    | 201-469-6                                                        | 83-32-9                                                      |          |                                     |       |              |                |       |                      |            |                |
| 26 | fluorene                                                                                                                                           |                                                                  |                                                              |          | 27                                  | mg/kg |              | 25.866         | mg/kg | 0.00259 %            | ✓          |                |
|    |                                                                                                                                                    | 201-695-5                                                        | 86-73-7                                                      |          |                                     |       |              |                |       |                      |            |                |
| 27 | phenanthrene                                                                                                                                       |                                                                  |                                                              |          | 160                                 | mg/kg |              | 153.28         | mg/kg | 0.0153 %             | ✓          |                |
|    |                                                                                                                                                    | 201-581-5                                                        | 85-01-8                                                      |          |                                     |       |              |                |       |                      |            |                |
| 28 | anthracene                                                                                                                                         |                                                                  |                                                              |          | 43                                  | mg/kg |              | 41.194         | mg/kg | 0.00412 %            | ✓          |                |
|    |                                                                                                                                                    | 204-371-1                                                        | 120-12-7                                                     |          |                                     |       |              |                |       |                      |            |                |
| 29 | fluoranthene                                                                                                                                       |                                                                  |                                                              |          | 160                                 | mg/kg |              | 153.28         | mg/kg | 0.0153 %             | ✓          |                |
|    |                                                                                                                                                    | 205-912-4                                                        | 206-44-0                                                     |          |                                     |       |              |                |       |                      |            |                |
| 30 | pyrene                                                                                                                                             |                                                                  |                                                              |          | 130                                 | mg/kg |              | 124.54         | mg/kg | 0.0125 %             | ✓          |                |
|    |                                                                                                                                                    | 204-927-3                                                        | 129-00-0                                                     |          |                                     |       |              |                |       |                      |            |                |
| 31 | benzo[a]anthracene                                                                                                                                 |                                                                  |                                                              |          | 55                                  | mg/kg |              | 52.69          | mg/kg | 0.00527 %            | ✓          |                |
|    | 601-033-00-9                                                                                                                                       | 200-280-6                                                        | 56-55-3                                                      |          |                                     |       |              |                |       |                      |            |                |
| 32 | chrysene                                                                                                                                           |                                                                  |                                                              |          | 51                                  | mg/kg |              | 48.858         | mg/kg | 0.00489 %            | ✓          |                |
|    | 601-048-00-0                                                                                                                                       | 205-923-4                                                        | 218-01-9                                                     |          |                                     |       |              |                |       |                      |            |                |
| 33 | benzo[b]fluoranthene                                                                                                                               |                                                                  |                                                              |          | 57                                  | mg/kg |              | 54.606         | mg/kg | 0.00546 %            | ✓          |                |
|    | 601-034-00-4                                                                                                                                       | 205-911-9                                                        | 205-99-2                                                     |          |                                     |       |              |                |       |                      |            |                |

| #      | Determinand                        |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 34     | benzo[k]fluoranthene               |           |            |          | 25 mg/kg          |              | 23.95 mg/kg    | 0.0024 %             | ✓          |                |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 35     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | 53 mg/kg          |              | 50.774 mg/kg   | 0.00508 %            | ✓          |                |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 36     | indeno[123-cd]pyrene               |           |            |          | 30 mg/kg          |              | 28.74 mg/kg    | 0.00287 %            | ✓          |                |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 37     | dibenz[a,h]anthracene              |           |            |          | 5.5 mg/kg         |              | 5.269 mg/kg    | 0.000527 %           | ✓          |                |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 38     | benzo[ghi]perylene                 |           |            |          | 33 mg/kg          |              | 31.614 mg/kg   | 0.00316 %            | ✓          |                |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.451 %              |            |                |

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

**Supplementary Hazardous Property Information**

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 12500 mg/kg (1.25%) because: No liquid phase- too low concentration to be flammable

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.287%)

Classification of sample: 3--01122025-0.10

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

**Sample details**

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>3--01122025-0.10</b> | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:           | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>0.10 m</b>           |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>0.64%</b>            |                                                                                                    |
| (wet weight correction) |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

Moisture content: 0.64% 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  | asbestos fibres detected (Yes/No)                                                                                                                  |                                |                                  |          | No                |              |                |                      |            |                |
|    |                                                                                                                                                    |                                | ACM_FIBRES                       |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }                                               |                                |                                  |          | 1.9 mg/kg         | 1.895        | 3.577 mg/kg    | 0.000358 %           | ✓          |                |
|    | 033-005-00-1                                                                                                                                       |                                |                                  |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }            |                                |                                  |          | 0.27 mg/kg        | 8.868        | 2.379 mg/kg    | 0.000238 %           | ✓          |                |
|    | 004-002-00-2                                                                                                                                       |                                |                                  |          |                   |              |                |                      |            |                |
| 4  | boron { boric acid; [1] boric acid; [2] }                                                                                                          |                                |                                  |          | 0.3 mg/kg         | 5.719        | 1.705 mg/kg    | 0.00017 %            | ✓          |                |
|    | 005-007-00-2                                                                                                                                       | 233-139-2 [1]<br>234-343-4 [2] | 10043-35-3 [1]<br>11113-50-1 [2] |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium sulfate }                                                                                                                        |                                |                                  |          | <0.2 mg/kg        | 1.855        | <0.371 mg/kg   | <0.0000371 %         |            | <LOD           |
|    | 048-009-00-9                                                                                                                                       | 233-331-6                      | 10124-36-4                       |          |                   |              |                |                      |            |                |
| 6  | chromium in Cr(III) compounds { chromium(III) oxide }                                                                                              |                                |                                  |          | 8.3 mg/kg         | 1.462        | 12.053 mg/kg   | 0.00121 %            | ✓          |                |
|    |                                                                                                                                                    | 215-160-9                      | 1308-38-9                        |          |                   |              |                |                      |            |                |
| 7  | chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                  |          | <1.2 mg/kg        | 2.27         | <2.724 mg/kg   | <0.000272 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                       |                                |                                  |          |                   |              |                |                      |            |                |
| 8  | copper { copper sulphate pentahydrate }                                                                                                            |                                |                                  |          | 7.8 mg/kg         | 3.929        | 30.45 mg/kg    | 0.00305 %            | ✓          |                |
|    | 029-023-00-4                                                                                                                                       | 231-847-6                      | 7758-99-8                        |          |                   |              |                |                      |            |                |
| 9  | lead { lead chromate }                                                                                                                             |                                |                                  | 1        | 3.9 mg/kg         | 1.56         | 6.044 mg/kg    | 0.000388 %           | ✓          |                |
|    | 082-004-00-2                                                                                                                                       | 231-846-0                      | 7758-97-6                        |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }                                                                                                                     |                                |                                  |          | <0.3 mg/kg        | 1.353        | <0.406 mg/kg   | <0.0000406 %         |            | <LOD           |
|    | 080-010-00-X                                                                                                                                       | 231-299-8                      | 7487-94-7                        |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel dibromate }                                                                                                                        |                                |                                  |          | 4 mg/kg           | 5.358        | 21.296 mg/kg   | 0.00213 %            | ✓          |                |
|    | 028-053-00-5                                                                                                                                       | 238-596-1                      | 14550-87-9                       |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }                                                                                                                       |                                |                                  |          | 1.4 mg/kg         | 2.554        | 3.552 mg/kg    | 0.000355 %           | ✓          |                |
|    | 028-031-00-5                                                                                                                                       | 239-125-2                      | 15060-62-5                       |          |                   |              |                |                      |            |                |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide }                                                                                             |                                |                                  |          | 8.5 mg/kg         | 1.785        | 15.077 mg/kg   | 0.00151 %            | ✓          |                |
|    | 023-001-00-8                                                                                                                                       | 215-239-8                      | 1314-62-1                        |          |                   |              |                |                      |            |                |
| 14 | zinc { zinc chromate }                                                                                                                             |                                |                                  |          | 11 mg/kg          | 2.774        | 30.32 mg/kg    | 0.00303 %            | ✓          |                |
|    | 024-007-00-3                                                                                                                                       | 236-878-9                      | 13530-65-9                       |          |                   |              |                |                      |            |                |

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                                     |              |                |                      |            |                |
| 15     | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | 35 mg/kg                            |              | 34.776 mg/kg   | 0.00348 %            | ✓          |                |
|        |                                                          |                                                                  | TPH                                                          |          |                                     |              |                |                      |            |                |
| 16     | confirm TPH has NOT arisen from diesel or petrol         |                                                                  |                                                              |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
|        |                                                          |                                                                  | TPH_CONFIRM                                                  |          |                                     |              |                |                      |            |                |
| 17     | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                                     |              |                |                      |            |                |
| 18     | benzene                                                  |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                                     |              |                |                      |            |                |
| 19     | toluene                                                  |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                                     |              |                |                      |            |                |
| 20     | ethylbenzene                                             |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                                     |              |                |                      |            |                |
| 21     | xylene                                                   |                                                                  |                                                              |          | <0.013 mg/kg                        |              | <0.013 mg/kg   | <0.0000013 %         |            | <LOD           |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                                     |              |                |                      |            |                |
| 22     | pH                                                       |                                                                  |                                                              |          | 9.3 pH                              |              | 9.3 pH         | 9.3 pH               |            |                |
|        |                                                          |                                                                  | PH                                                           |          |                                     |              |                |                      |            |                |
| 23     | naphthalene                                              |                                                                  |                                                              |          | 0.06 mg/kg                          |              | 0.0596 mg/kg   | 0.00000596 %         | ✓          |                |
|        | 601-052-00-2                                             | 202-049-5                                                        | 91-20-3                                                      |          |                                     |              |                |                      |            |                |
| 24     | acenaphthylene                                           |                                                                  |                                                              |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                          | 205-917-1                                                        | 208-96-8                                                     |          |                                     |              |                |                      |            |                |
| 25     | acenaphthene                                             |                                                                  |                                                              |          | 0.43 mg/kg                          |              | 0.427 mg/kg    | 0.0000427 %          | ✓          |                |
|        |                                                          | 201-469-6                                                        | 83-32-9                                                      |          |                                     |              |                |                      |            |                |
| 26     | fluorene                                                 |                                                                  |                                                              |          | 0.26 mg/kg                          |              | 0.258 mg/kg    | 0.0000258 %          | ✓          |                |
|        |                                                          | 201-695-5                                                        | 86-73-7                                                      |          |                                     |              |                |                      |            |                |
| 27     | phenanthrene                                             |                                                                  |                                                              |          | 2 mg/kg                             |              | 1.987 mg/kg    | 0.000199 %           | ✓          |                |
|        |                                                          | 201-581-5                                                        | 85-01-8                                                      |          |                                     |              |                |                      |            |                |
| 28     | anthracene                                               |                                                                  |                                                              |          | 0.46 mg/kg                          |              | 0.457 mg/kg    | 0.0000457 %          | ✓          |                |
|        |                                                          | 204-371-1                                                        | 120-12-7                                                     |          |                                     |              |                |                      |            |                |
| 29     | fluoranthene                                             |                                                                  |                                                              |          | 2.6 mg/kg                           |              | 2.583 mg/kg    | 0.000258 %           | ✓          |                |
|        |                                                          | 205-912-4                                                        | 206-44-0                                                     |          |                                     |              |                |                      |            |                |
| 30     | pyrene                                                   |                                                                  |                                                              |          | 2.7 mg/kg                           |              | 2.683 mg/kg    | 0.000268 %           | ✓          |                |
|        |                                                          | 204-927-3                                                        | 129-00-0                                                     |          |                                     |              |                |                      |            |                |
| 31     | benzo[a]anthracene                                       |                                                                  |                                                              |          | 1.1 mg/kg                           |              | 1.093 mg/kg    | 0.000109 %           | ✓          |                |
|        | 601-033-00-9                                             | 200-280-6                                                        | 56-55-3                                                      |          |                                     |              |                |                      |            |                |
| 32     | chrysene                                                 |                                                                  |                                                              |          | 1.1 mg/kg                           |              | 1.093 mg/kg    | 0.000109 %           | ✓          |                |
|        | 601-048-00-0                                             | 205-923-4                                                        | 218-01-9                                                     |          |                                     |              |                |                      |            |                |
| 33     | benzo[b]fluoranthene                                     |                                                                  |                                                              |          | 1.2 mg/kg                           |              | 1.192 mg/kg    | 0.000119 %           | ✓          |                |
|        | 601-034-00-4                                             | 205-911-9                                                        | 205-99-2                                                     |          |                                     |              |                |                      |            |                |
| 34     | benzo[k]fluoranthene                                     |                                                                  |                                                              |          | 0.44 mg/kg                          |              | 0.437 mg/kg    | 0.0000437 %          | ✓          |                |
|        | 601-036-00-5                                             | 205-916-6                                                        | 207-08-9                                                     |          |                                     |              |                |                      |            |                |
| 35     | benzo[a]pyrene; benzo[def]chrysene                       |                                                                  |                                                              |          | 1.2 mg/kg                           |              | 1.192 mg/kg    | 0.000119 %           | ✓          |                |
|        | 601-032-00-3                                             | 200-028-5                                                        | 50-32-8                                                      |          |                                     |              |                |                      |            |                |
| 36     | indeno[123-cd]pyrene                                     |                                                                  |                                                              |          | 0.54 mg/kg                          |              | 0.537 mg/kg    | 0.0000537 %          | ✓          |                |
|        |                                                          | 205-893-2                                                        | 193-39-5                                                     |          |                                     |              |                |                      |            |                |
| 37     | dibenz[a,h]anthracene                                    |                                                                  |                                                              |          | 0.13 mg/kg                          |              | 0.129 mg/kg    | 0.0000129 %          | ✓          |                |
|        | 601-041-00-2                                             | 200-181-8                                                        | 53-70-3                                                      |          |                                     |              |                |                      |            |                |
| 38     | benzo[ghi]perylene                                       |                                                                  |                                                              |          | 0.66 mg/kg                          |              | 0.656 mg/kg    | 0.0000656 %          | ✓          |                |
|        |                                                          | 205-883-8                                                        | 191-24-2                                                     |          |                                     |              |                |                      |            |                |
| Total: |                                                          |                                                                  |                                                              |          |                                     |              |                | 0.0174 %             |            |                |

#### Key

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

#### Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 12500 mg/kg (1.25%)  
because: No liquid phase- too low concentration to be flammable

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00348%)

Classification of sample: 4--01122025-0.10

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

**Sample details**

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>4--01122025-0.10</b> | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.10 m</b>           | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>16%</b>              |                                                                                           |
| (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 |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                | EC Number                      | CAS Number                       |          |                   |              |                |                      |            |                |
| 1  | asbestos fibres detected (Yes/No)                                                                                                                  |                                |                                  |          | No                |              |                |                      |            |                |
|    |                                                                                                                                                    |                                | ACM_FIBRES                       |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }                                               |                                |                                  |          | 21 mg/kg          | 1.895        | 33.419 mg/kg   | 0.00334 %            | ✓          |                |
|    | 033-005-00-1                                                                                                                                       |                                |                                  |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }            |                                |                                  |          | 0.56 mg/kg        | 8.868        | 4.171 mg/kg    | 0.000417 %           | ✓          |                |
|    | 004-002-00-2                                                                                                                                       |                                |                                  |          |                   |              |                |                      |            |                |
| 4  | boron { boric acid; [1] boric acid; [2] }                                                                                                          |                                |                                  |          | 1.1 mg/kg         | 5.719        | 5.285 mg/kg    | 0.000528 %           | ✓          |                |
|    | 005-007-00-2                                                                                                                                       | 233-139-2 [1]<br>234-343-4 [2] | 10043-35-3 [1]<br>11113-50-1 [2] |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium sulfate }                                                                                                                        |                                |                                  |          | 0.3 mg/kg         | 1.855        | 0.467 mg/kg    | 0.0000467 %          | ✓          |                |
|    | 048-009-00-9                                                                                                                                       | 233-331-6                      | 10124-36-4                       |          |                   |              |                |                      |            |                |
| 6  | chromium in Cr(III) compounds { chromium(III) oxide }                                                                                              |                                |                                  |          | 23 mg/kg          | 1.462        | 28.237 mg/kg   | 0.00282 %            | ✓          |                |
|    |                                                                                                                                                    | 215-160-9                      | 1308-38-9                        |          |                   |              |                |                      |            |                |
| 7  | chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                  |          | <1.2 mg/kg        | 2.27         | <2.724 mg/kg   | <0.000272 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                       |                                |                                  |          |                   |              |                |                      |            |                |
| 8  | copper { copper sulphate pentahydrate }                                                                                                            |                                |                                  |          | 39 mg/kg          | 3.929        | 128.716 mg/kg  | 0.0129 %             | ✓          |                |
|    | 029-023-00-4                                                                                                                                       | 231-847-6                      | 7758-99-8                        |          |                   |              |                |                      |            |                |
| 9  | lead { lead chromate }                                                                                                                             |                                |                                  | 1        | 83 mg/kg          | 1.56         | 108.75 mg/kg   | 0.00697 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                       | 231-846-0                      | 7758-97-6                        |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }                                                                                                                     |                                |                                  |          | <0.3 mg/kg        | 1.353        | <0.406 mg/kg   | <0.0000406 %         |            | <LOD           |
|    | 080-010-00-X                                                                                                                                       | 231-299-8                      | 7487-94-7                        |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel dibromate }                                                                                                                        |                                |                                  |          | 12 mg/kg          | 5.358        | 54.012 mg/kg   | 0.0054 %             | ✓          |                |
|    | 028-053-00-5                                                                                                                                       | 238-596-1                      | 14550-87-9                       |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }                                                                                                                       |                                |                                  |          | <1 mg/kg          | 2.554        | <2.554 mg/kg   | <0.000255 %          |            | <LOD           |
|    | 028-031-00-5                                                                                                                                       | 239-125-2                      | 15060-62-5                       |          |                   |              |                |                      |            |                |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide }                                                                                             |                                |                                  |          | 26 mg/kg          | 1.785        | 38.988 mg/kg   | 0.0039 %             | ✓          |                |
|    | 023-001-00-8                                                                                                                                       | 215-239-8                      | 1314-62-1                        |          |                   |              |                |                      |            |                |
| 14 | zinc { zinc chromate }                                                                                                                             |                                |                                  |          | 63 mg/kg          | 2.774        | 146.808 mg/kg  | 0.0147 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                       | 236-878-9                      | 13530-65-9                       |          |                   |              |                |                      |            |                |

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                                     |              |                |                      |            |                |
| 15     | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | 240 mg/kg                           |              | 201.6 mg/kg    | 0.0202 %             | ✓          |                |
|        |                                                          |                                                                  | TPH                                                          |          |                                     |              |                |                      |            |                |
| 16     | confirm TPH has NOT arisen from diesel or petrol         |                                                                  |                                                              |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
|        |                                                          |                                                                  | TPH_CONFIRM                                                  |          |                                     |              |                |                      |            |                |
| 17     | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                                     |              |                |                      |            |                |
| 18     | benzene                                                  |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                                     |              |                |                      |            |                |
| 19     | toluene                                                  |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                                     |              |                |                      |            |                |
| 20     | ethylbenzene                                             |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                                     |              |                |                      |            |                |
| 21     | xylene                                                   |                                                                  |                                                              |          | <0.013 mg/kg                        |              | <0.013 mg/kg   | <0.0000013 %         |            | <LOD           |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                                     |              |                |                      |            |                |
| 22     | pH                                                       |                                                                  |                                                              |          | 7.4 pH                              |              | 7.4 pH         | 7.4 pH               |            |                |
|        |                                                          |                                                                  | PH                                                           |          |                                     |              |                |                      |            |                |
| 23     | naphthalene                                              |                                                                  |                                                              |          | 0.06 mg/kg                          |              | 0.0504 mg/kg   | 0.0000504 %          | ✓          |                |
|        | 601-052-00-2                                             | 202-049-5                                                        | 91-20-3                                                      |          |                                     |              |                |                      |            |                |
| 24     | acenaphthylene                                           |                                                                  |                                                              |          | 0.2 mg/kg                           |              | 0.168 mg/kg    | 0.0000168 %          | ✓          |                |
|        |                                                          | 205-917-1                                                        | 208-96-8                                                     |          |                                     |              |                |                      |            |                |
| 25     | acenaphthene                                             |                                                                  |                                                              |          | 0.45 mg/kg                          |              | 0.378 mg/kg    | 0.0000378 %          | ✓          |                |
|        |                                                          | 201-469-6                                                        | 83-32-9                                                      |          |                                     |              |                |                      |            |                |
| 26     | fluorene                                                 |                                                                  |                                                              |          | 0.34 mg/kg                          |              | 0.286 mg/kg    | 0.0000286 %          | ✓          |                |
|        |                                                          | 201-695-5                                                        | 86-73-7                                                      |          |                                     |              |                |                      |            |                |
| 27     | phenanthrene                                             |                                                                  |                                                              |          | 2.7 mg/kg                           |              | 2.268 mg/kg    | 0.000227 %           | ✓          |                |
|        |                                                          | 201-581-5                                                        | 85-01-8                                                      |          |                                     |              |                |                      |            |                |
| 28     | anthracene                                               |                                                                  |                                                              |          | 0.86 mg/kg                          |              | 0.722 mg/kg    | 0.0000722 %          | ✓          |                |
|        |                                                          | 204-371-1                                                        | 120-12-7                                                     |          |                                     |              |                |                      |            |                |
| 29     | fluoranthene                                             |                                                                  |                                                              |          | 6.9 mg/kg                           |              | 5.796 mg/kg    | 0.00058 %            | ✓          |                |
|        |                                                          | 205-912-4                                                        | 206-44-0                                                     |          |                                     |              |                |                      |            |                |
| 30     | pyrene                                                   |                                                                  |                                                              |          | 6.5 mg/kg                           |              | 5.46 mg/kg     | 0.000546 %           | ✓          |                |
|        |                                                          | 204-927-3                                                        | 129-00-0                                                     |          |                                     |              |                |                      |            |                |
| 31     | benzo[a]anthracene                                       |                                                                  |                                                              |          | 3.3 mg/kg                           |              | 2.772 mg/kg    | 0.000277 %           | ✓          |                |
|        | 601-033-00-9                                             | 200-280-6                                                        | 56-55-3                                                      |          |                                     |              |                |                      |            |                |
| 32     | chrysene                                                 |                                                                  |                                                              |          | 3.2 mg/kg                           |              | 2.688 mg/kg    | 0.000269 %           | ✓          |                |
|        | 601-048-00-0                                             | 205-923-4                                                        | 218-01-9                                                     |          |                                     |              |                |                      |            |                |
| 33     | benzo[b]fluoranthene                                     |                                                                  |                                                              |          | 5.3 mg/kg                           |              | 4.452 mg/kg    | 0.000445 %           | ✓          |                |
|        | 601-034-00-4                                             | 205-911-9                                                        | 205-99-2                                                     |          |                                     |              |                |                      |            |                |
| 34     | benzo[k]fluoranthene                                     |                                                                  |                                                              |          | 1.9 mg/kg                           |              | 1.596 mg/kg    | 0.00016 %            | ✓          |                |
|        | 601-036-00-5                                             | 205-916-6                                                        | 207-08-9                                                     |          |                                     |              |                |                      |            |                |
| 35     | benzo[a]pyrene; benzo[def]chrysene                       |                                                                  |                                                              |          | 4.8 mg/kg                           |              | 4.032 mg/kg    | 0.000403 %           | ✓          |                |
|        | 601-032-00-3                                             | 200-028-5                                                        | 50-32-8                                                      |          |                                     |              |                |                      |            |                |
| 36     | indeno[123-cd]pyrene                                     |                                                                  |                                                              |          | 2.6 mg/kg                           |              | 2.184 mg/kg    | 0.000218 %           | ✓          |                |
|        |                                                          | 205-893-2                                                        | 193-39-5                                                     |          |                                     |              |                |                      |            |                |
| 37     | dibenz[a,h]anthracene                                    |                                                                  |                                                              |          | 0.59 mg/kg                          |              | 0.496 mg/kg    | 0.0000496 %          | ✓          |                |
|        | 601-041-00-2                                             | 200-181-8                                                        | 53-70-3                                                      |          |                                     |              |                |                      |            |                |
| 38     | benzo[ghi]perylene                                       |                                                                  |                                                              |          | 3.2 mg/kg                           |              | 2.688 mg/kg    | 0.000269 %           | ✓          |                |
|        |                                                          | 205-883-8                                                        | 191-24-2                                                     |          |                                     |              |                |                      |            |                |
| Total: |                                                          |                                                                  |                                                              |          |                                     |              |                | 0.0747 %             |            |                |

Key

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

### Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 12500 mg/kg (1.25%)  
because: No liquid phase- too low concentration to be flammable

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0202%)

Classification of sample: 5--01122025-0.10

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

**Sample details**

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>5--01122025-0.10</b> | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.10 m</b>           | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>              |                                                                                           |
| (wet weight correction) |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 22% 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  | asbestos fibres detected (Yes/No)                                                                                                                  |                                |                                  |          | No                |              |                |       |                      |            |                |
|    |                                                                                                                                                    |                                | ACM_FIBRES                       |          |                   |              |                |       |                      |            |                |
| 2  | arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }                                               |                                |                                  |          | 13 mg/kg          | 1.895        | 19.21          | mg/kg | 0.00192 %            | ✓          |                |
|    | 033-005-00-1                                                                                                                                       |                                |                                  |          |                   |              |                |       |                      |            |                |
| 3  | beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }            |                                |                                  |          | 0.72 mg/kg        | 8.868        | 4.98           | mg/kg | 0.000498 %           | ✓          |                |
|    | 004-002-00-2                                                                                                                                       |                                |                                  |          |                   |              |                |       |                      |            |                |
| 4  | boron { boric acid; [1] boric acid; [2] }                                                                                                          |                                |                                  |          | 0.3 mg/kg         | 5.719        | 1.338          | mg/kg | 0.000134 %           | ✓          |                |
|    | 005-007-00-2                                                                                                                                       | 233-139-2 [1]<br>234-343-4 [2] | 10043-35-3 [1]<br>11113-50-1 [2] |          |                   |              |                |       |                      |            |                |
| 5  | cadmium { cadmium sulfate }                                                                                                                        |                                |                                  |          | <0.2 mg/kg        | 1.855        | <0.371         | mg/kg | <0.0000371 %         |            | <LOD           |
|    | 048-009-00-9                                                                                                                                       | 233-331-6                      | 10124-36-4                       |          |                   |              |                |       |                      |            |                |
| 6  | chromium in Cr(III) compounds { chromium(III) oxide }                                                                                              |                                |                                  |          | 24 mg/kg          | 1.462        | 27.36          | mg/kg | 0.00274 %            | ✓          |                |
|    |                                                                                                                                                    | 215-160-9                      | 1308-38-9                        |          |                   |              |                |       |                      |            |                |
| 7  | chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                  |          | <1.2 mg/kg        | 2.27         | <2.724         | mg/kg | <0.000272 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                       |                                |                                  |          |                   |              |                |       |                      |            |                |
| 8  | copper { copper sulphate pentahydrate }                                                                                                            |                                |                                  |          | 24 mg/kg          | 3.929        | 73.552         | mg/kg | 0.00736 %            | ✓          |                |
|    | 029-023-00-4                                                                                                                                       | 231-847-6                      | 7758-99-8                        |          |                   |              |                |       |                      |            |                |
| 9  | lead { lead chromate }                                                                                                                             |                                |                                  | 1        | 21 mg/kg          | 1.56         | 25.55          | mg/kg | 0.00164 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                       | 231-846-0                      | 7758-97-6                        |          |                   |              |                |       |                      |            |                |
| 10 | mercury { mercury dichloride }                                                                                                                     |                                |                                  |          | <0.3 mg/kg        | 1.353        | <0.406         | mg/kg | <0.0000406 %         |            | <LOD           |
|    | 080-010-00-X                                                                                                                                       | 231-299-8                      | 7487-94-7                        |          |                   |              |                |       |                      |            |                |
| 11 | nickel { nickel dibromate }                                                                                                                        |                                |                                  |          | 17 mg/kg          | 5.358        | 71.051         | mg/kg | 0.00711 %            | ✓          |                |
|    | 028-053-00-5                                                                                                                                       | 238-596-1                      | 14550-87-9                       |          |                   |              |                |       |                      |            |                |
| 12 | selenium { nickel selenate }                                                                                                                       |                                |                                  |          | <1 mg/kg          | 2.554        | <2.554         | mg/kg | <0.000255 %          |            | <LOD           |
|    | 028-031-00-5                                                                                                                                       | 239-125-2                      | 15060-62-5                       |          |                   |              |                |       |                      |            |                |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide }                                                                                             |                                |                                  |          | 30 mg/kg          | 1.785        | 41.773         | mg/kg | 0.00418 %            | ✓          |                |
|    | 023-001-00-8                                                                                                                                       | 215-239-8                      | 1314-62-1                        |          |                   |              |                |       |                      |            |                |
| 14 | zinc { zinc chromate }                                                                                                                             |                                |                                  |          | 66 mg/kg          | 2.774        | 142.813        | mg/kg | 0.0143 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                       | 236-878-9                      | 13530-65-9                       |          |                   |              |                |       |                      |            |                |

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                                     |              |                |                      |            |                |
| 15     | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | <10 mg/kg                           |              | <10 mg/kg      | <0.001 %             |            | <LOD           |
|        |                                                          |                                                                  | TPH                                                          |          |                                     |              |                |                      |            |                |
| 16     | confirm TPH has NOT arisen from diesel or petrol         |                                                                  |                                                              |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
|        |                                                          |                                                                  | TPH_CONFIRM                                                  |          |                                     |              |                |                      |            |                |
| 17     | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                                     |              |                |                      |            |                |
| 18     | benzene                                                  |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                                     |              |                |                      |            |                |
| 19     | toluene                                                  |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                                     |              |                |                      |            |                |
| 20     | ethylbenzene                                             |                                                                  |                                                              |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                                     |              |                |                      |            |                |
| 21     | xylene                                                   |                                                                  |                                                              |          | <0.013 mg/kg                        |              | <0.013 mg/kg   | <0.0000013 %         |            | <LOD           |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                                     |              |                |                      |            |                |
| 22     | pH                                                       |                                                                  |                                                              |          | 7.6 pH                              |              | 7.6 pH         | 7.6 pH               |            |                |
|        |                                                          |                                                                  | PH                                                           |          |                                     |              |                |                      |            |                |
| 23     | naphthalene                                              |                                                                  |                                                              |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        | 601-052-00-2                                             | 202-049-5                                                        | 91-20-3                                                      |          |                                     |              |                |                      |            |                |
| 24     | acenaphthylene                                           |                                                                  |                                                              |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                          | 205-917-1                                                        | 208-96-8                                                     |          |                                     |              |                |                      |            |                |
| 25     | acenaphthene                                             |                                                                  |                                                              |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                          | 201-469-6                                                        | 83-32-9                                                      |          |                                     |              |                |                      |            |                |
| 26     | fluorene                                                 |                                                                  |                                                              |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                          | 201-695-5                                                        | 86-73-7                                                      |          |                                     |              |                |                      |            |                |
| 27     | phenanthrene                                             |                                                                  |                                                              |          | 0.06 mg/kg                          |              | 0.0468 mg/kg   | 0.00000468 %         | ✓          |                |
|        |                                                          | 201-581-5                                                        | 85-01-8                                                      |          |                                     |              |                |                      |            |                |
| 28     | anthracene                                               |                                                                  |                                                              |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                          | 204-371-1                                                        | 120-12-7                                                     |          |                                     |              |                |                      |            |                |
| 29     | fluoranthene                                             |                                                                  |                                                              |          | 0.15 mg/kg                          |              | 0.117 mg/kg    | 0.0000117 %          | ✓          |                |
|        |                                                          | 205-912-4                                                        | 206-44-0                                                     |          |                                     |              |                |                      |            |                |
| 30     | pyrene                                                   |                                                                  |                                                              |          | 0.15 mg/kg                          |              | 0.117 mg/kg    | 0.0000117 %          | ✓          |                |
|        |                                                          | 204-927-3                                                        | 129-00-0                                                     |          |                                     |              |                |                      |            |                |
| 31     | benzo[a]anthracene                                       |                                                                  |                                                              |          | 0.09 mg/kg                          |              | 0.0702 mg/kg   | 0.00000702 %         | ✓          |                |
|        | 601-033-00-9                                             | 200-280-6                                                        | 56-55-3                                                      |          |                                     |              |                |                      |            |                |
| 32     | chrysene                                                 |                                                                  |                                                              |          | 0.09 mg/kg                          |              | 0.0702 mg/kg   | 0.00000702 %         | ✓          |                |
|        | 601-048-00-0                                             | 205-923-4                                                        | 218-01-9                                                     |          |                                     |              |                |                      |            |                |
| 33     | benzo[b]fluoranthene                                     |                                                                  |                                                              |          | 0.16 mg/kg                          |              | 0.125 mg/kg    | 0.0000125 %          | ✓          |                |
|        | 601-034-00-4                                             | 205-911-9                                                        | 205-99-2                                                     |          |                                     |              |                |                      |            |                |
| 34     | benzo[k]fluoranthene                                     |                                                                  |                                                              |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        | 601-036-00-5                                             | 205-916-6                                                        | 207-08-9                                                     |          |                                     |              |                |                      |            |                |
| 35     | 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                                                      |          |                                     |              |                |                      |            |                |
| 36     | indeno[123-cd]pyrene                                     |                                                                  |                                                              |          | 0.08 mg/kg                          |              | 0.0624 mg/kg   | 0.00000624 %         | ✓          |                |
|        |                                                          | 205-893-2                                                        | 193-39-5                                                     |          |                                     |              |                |                      |            |                |
| 37     | 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                                                      |          |                                     |              |                |                      |            |                |
| 38     | benzo[ghi]perylene                                       |                                                                  |                                                              |          | 0.07 mg/kg                          |              | 0.0546 mg/kg   | 0.00000546 %         | ✓          |                |
|        |                                                          | 205-883-8                                                        | 191-24-2                                                     |          |                                     |              |                |                      |            |                |
| 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                                                                                                        |
| CLP: Note 1 | Only the metal concentration has been used for classification                                                                   |

## Appendix A: Classifier defined and non GB MCL determinands

### • **asbestos fibres detected (Yes/No)** (CAS Number: ACM\_FIBRES)

Description/Comments: not classified, information only

Data source: N/A

Data source date: 15 Jan 2020

Hazard Statements: None.

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

Description/Comments: Data from ECHA's C&L inventory database

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

Data source date: 30 Apr 2020

Hazard Statements: Acute Tox. 4; H302, Skin Sens. 1; H317, Eye Irrit. 2; H319

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

Description/Comments: Unknown Oil

Hazard statements taken from WM3 1st Edition 2015

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, STOT RE 2; H373, Muta. 1B; H340, Carc. 1B; H350, Repr. 2; H361d, Aquatic Chronic 2; H411

### • **confirm TPH has NOT arisen from diesel or petrol** (CAS Number: TPH\_CONFIRM)

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

### • **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

### • **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H330, Acute Tox. 1; H310, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Aquatic Chronic 2; H411

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Carc. 2; H351

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 23 Jul 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

## Appendix B: Rationale for selection of metal species

### arsenic {arsenic acid and its salts with the exception of those specified elsewhere in this Annex}

Worst case CLP species based on hazard statements/molecular weight and conversion factor for arsenic acid H<sub>3</sub>AsO<sub>4</sub>. (edit as required)

### beryllium {beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex}

Worst case CLP species based on hazard statements/molecular weight and conversion factor for beryllium chloride. (edit as required)

### boron {boric acid; [1] boric acid; [2]}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming water is or has been present. (edit as required)

### cadmium {cadmium sulfate}

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

### chromium in Cr(III) compounds {chromium(III) oxide}

no historical works on site

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

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

### copper {copper sulphate pentahydrate}

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

### lead {lead chromate}

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

### mercury {mercury dichloride}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming no evidence for the use of explosives. (edit as required)

### nickel {nickel dibromate}

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

### selenium {nickel selenate}

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

vanadium {divanadium pentaoxide; vanadium pentoxide}

worst case

zinc {zinc chromate}

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

## Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2026.19.6953.12548 (20 Jan 2026)

HazWasteOnline Database: 2026.19.6953.12548 (20 Jan 2026)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020** - UK: 2020 No. 1540 of 16th December 2020

**GB MCL List** - version 1.1 of 09 June 2021

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

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

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

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

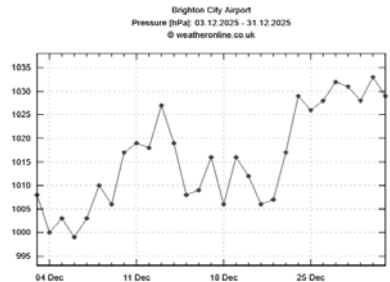
**GB MCL List v6.0** - version 6.0 of 15th February 2025

**GB MCL List v7.0** - version 7.0 of 23rd September 2025

**APPENDIX 4**

**GROUND GAS**

## GROUND GAS AND GROUNDWATER MONITORING

| <b>Contract</b>                 | Furners Lane, Woodmancote | <b>Report Ref</b>                                                                   | 25/13289/GO       |                 |                 |                |                  |        |                 |      |         |                          |
|---------------------------------|---------------------------|-------------------------------------------------------------------------------------|-------------------|-----------------|-----------------|----------------|------------------|--------|-----------------|------|---------|--------------------------|
| <b>Date</b>                     | 23/12/2025                | <b>Visit</b>                                                                        | 1                 |                 |                 |                |                  |        |                 |      |         |                          |
| <b>Technician</b>               | HF                        | <b>Check</b>                                                                        | GO                |                 |                 |                |                  |        |                 |      |         |                          |
| <b>Weather</b>                  | Cloudy                    | <b>Page</b>                                                                         | 1                 |                 |                 |                |                  |        |                 |      |         |                          |
| <b>Atmospheric Pressure</b>     |                           | <b>Before</b>                                                                       | 1013mb            |                 |                 |                |                  |        |                 |      |         |                          |
|                                 |                           | <b>After</b>                                                                        | 1013mb            |                 |                 |                |                  |        |                 |      |         |                          |
| <b>Published Pressure Trend</b> |                           | Rising                                                                              |                   |                 |                 |                |                  |        |                 |      |         |                          |
| <b>Remarks</b>                  |                           |  |                   |                 |                 |                |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     |                   |                 |                 |                |                  |        |                 |      |         |                          |
| Position                        | Flow (l/hr)               |                                                                                     | Common Gases (%)  |                 |                 |                | H <sub>2</sub> S | Hexane | Groundwater (m) |      | Remarks |                          |
|                                 | High                      | Low                                                                                 | Time              | CO <sub>2</sub> | CH <sub>4</sub> | O <sub>2</sub> |                  |        | Water           | Base |         |                          |
| Calibration Check               | 0.0                       | 0.0                                                                                 | 15s               | 0.10            | 0               | 20.2           |                  |        |                 |      |         | Calibration check passed |
|                                 |                           |                                                                                     | 30s               | 0.10            | 0               | 20.4           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 60s               | 0.10            | 0               | 20.4           |                  |        |                 |      |         |                          |
| 1                               | 0                         | 0                                                                                   | 15s               | 0.6             | 0               | 20.2           | 0                | 0      |                 | none | 1.60    |                          |
|                                 |                           |                                                                                     | 30s               | 0.6             | 0               | 19.6           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 45s               | 0.6             | 0               | 19.6           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m                | 0.6             | 0               | 19.8           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m 15s            | 0.6             | 0               | 19.9           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m 30s            | 0.6             | 0               | 20.0           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m 45s            | 0.6             | 0               | 19.9           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m                | 0.6             | 0               | 19.9           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m 15s            | 0.6             | 0               | 19.9           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m 30s            | 0.6             | 0               | 19.9           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m 45s            | 0.6             | 0               | 19.8           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 3m                | 0.6             | 0               | 19.8           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2                 | 0               | 0               | 15s            |                  |        |                 |      |         |                          |
| 30s                             | 0.1                       | 0                                                                                   |                   |                 |                 | 20.4           |                  |        |                 |      |         |                          |
| 45s                             | 0.1                       | 0                                                                                   |                   |                 |                 | 20.4           |                  |        |                 |      |         |                          |
| 1m                              | 0.1                       | 0                                                                                   |                   |                 |                 | 20.4           |                  |        |                 |      |         |                          |
| 1m 15s                          | 0.1                       | 0                                                                                   |                   |                 |                 | 20.4           |                  |        |                 |      |         |                          |
| 1m 30s                          | 0.1                       | 0                                                                                   |                   |                 |                 | 20.3           |                  |        |                 |      |         |                          |
| 1m 45s                          | 0.1                       | 0                                                                                   |                   |                 |                 | 20.3           |                  |        |                 |      |         |                          |
| 2m                              | 0.1                       | 0                                                                                   |                   |                 |                 | 20.3           |                  |        |                 |      |         |                          |
| 2m 15s                          | 0.1                       | 0                                                                                   |                   |                 |                 | 20.3           |                  |        |                 |      |         |                          |
| 2m 30s                          | 0.1                       | 0                                                                                   |                   |                 |                 | 20.3           |                  |        |                 |      |         |                          |
| 2m 45s                          | 0.1                       | 0                                                                                   |                   |                 |                 | 20.3           |                  |        |                 |      |         |                          |
| 3m                              | 0.1                       | 0                                                                                   |                   |                 |                 | 20.3           |                  |        |                 |      |         |                          |
| 6                               | 0                         | 0                                                                                   |                   |                 |                 | 15s            | 0.8              | 0      | 19.7            | 0    | 0       |                          |
|                                 |                           |                                                                                     | 30s               | 0.9             | 0               | 18.6           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 45s               | 1.1             | 0               | 18.1           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m                | 1.3             | 0               | 17.5           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m 15s            | 1.4             | 0               | 16.8           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m 30s            | 1.5             | 0               | 16.5           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 1m 45s            | 1.6             | 0               | 16.3           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m                | 1.6             | 0               | 16.2           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m 15s            | 1.6             | 0               | 16.2           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m 30s            | 1.6             | 0               | 16.1           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 2m 45s            | 1.6             | 0               | 16.1           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | 3m                | 1.6             | 0               | 16.1           |                  |        |                 |      |         |                          |
|                                 |                           |                                                                                     | Calibration Check | 0.0             | 0.0             | 15s            | 0.1              | 0      | 19.7            |      |         |                          |
| 30s                             | 0.1                       | 0                                                                                   |                   |                 |                 | 20.2           |                  |        |                 |      |         |                          |
| 60s                             | 0.1                       | 0                                                                                   |                   |                 |                 | 20.4           |                  |        |                 |      |         |                          |



## GROUND GAS AND GROUNDWATER MONITORING

|                                 |                           |                   |             |
|---------------------------------|---------------------------|-------------------|-------------|
| <b>Contract</b>                 | Furners Lane, Woodmancote | <b>Report Ref</b> | 25/13289/GO |
| <b>Date</b>                     | 15/01/2026                | <b>Visit</b>      | 2           |
| <b>Technician</b>               | HF                        | <b>Check</b>      | GO          |
| <b>Weather</b>                  | Raining                   | <b>Page</b>       | 1           |
| <b>Atmospheric Pressure</b>     |                           | <b>Before</b>     | 1000mb      |
|                                 |                           | <b>After</b>      | 1000mb      |
| <b>Published Pressure Trend</b> |                           | Low               |             |
| <b>Remarks</b>                  |                           |                   |             |

Brighton City Airport  
Pressure (hPa): 24.12.2025 - 21.01.2026  
© weathertonline.co.uk

| Position          | Flow (l/hr) |     | Common Gases (%) |                 |                 |                | H <sub>2</sub> S | Hexane |  | Groundwater (m) |      | Remarks                  |
|-------------------|-------------|-----|------------------|-----------------|-----------------|----------------|------------------|--------|--|-----------------|------|--------------------------|
|                   | High        | Low | Time             | CO <sub>2</sub> | CH <sub>4</sub> | O <sub>2</sub> |                  |        |  | Water           | Base |                          |
| Calibration Check | 0.0         | 0.0 | 15s              | 0.10            | 0               | 20.0           |                  |        |  |                 |      | Calibration check passed |
|                   |             |     | 30s              | 0.10            | 0               | 20.2           |                  |        |  |                 |      |                          |
|                   |             |     | 60s              | 0.10            | 0               | 20.3           |                  |        |  |                 |      |                          |
| 1                 | 0           | 0   | 15s              | 0.5             | 0               | 20.0           | 0                | 0      |  | none            | 1.60 |                          |
|                   |             |     | 30s              | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 45s              | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 1m               | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 15s           | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 30s           | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 45s           | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 2m               | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 15s           | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 30s           | 0.5             | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 45s           | 0.40            | 0               | 20.0           |                  |        |  |                 |      |                          |
|                   |             |     | 3m               | 0.40            | 0               | 20.0           |                  |        |  |                 |      |                          |
| 2                 | 0           | 0   | 15s              | 2.0             | 0               | 19.0           | 0                | 0      |  | none            | 1.75 |                          |
|                   |             |     | 30s              | 2.3             | 0               | 17.0           |                  |        |  |                 |      |                          |
|                   |             |     | 45s              | 2.3             | 0               | 16.7           |                  |        |  |                 |      |                          |
|                   |             |     | 1m               | 2.3             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 15s           | 2.3             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 30s           | 2.4             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 45s           | 2.4             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 2m               | 2.4             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 15s           | 2.4             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 30s           | 2.4             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 45s           | 2.3             | 0               | 16.6           |                  |        |  |                 |      |                          |
|                   |             |     | 3m               | 2.3             | 0               | 16.6           |                  |        |  |                 |      |                          |
| 6                 | 0           | 0   | 15s              | 1.8             | 0               | 17.6           | 0                | 0      |  | none            | 1.80 |                          |
|                   |             |     | 30s              | 2.2             | 0               | 13.7           |                  |        |  |                 |      |                          |
|                   |             |     | 45s              | 2.3             | 0               | 12.7           |                  |        |  |                 |      |                          |
|                   |             |     | 1m               | 2.5             | 0               | 11.7           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 15s           | 2.8             | 0               | 10.9           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 30s           | 2.9             | 0               | 10.6           |                  |        |  |                 |      |                          |
|                   |             |     | 1m 45s           | 2.9             | 0               | 10.5           |                  |        |  |                 |      |                          |
|                   |             |     | 2m               | 2.9             | 0               | 10.4           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 15s           | 2.9             | 0               | 10.4           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 30s           | 3.0             | 0               | 10.4           |                  |        |  |                 |      |                          |
|                   |             |     | 2m 45s           | 2.9             | 0               | 10.4           |                  |        |  |                 |      |                          |
|                   |             |     | 3m               | 2.9             | 0               | 10.4           |                  |        |  |                 |      |                          |
| Calibration Check | 0.0         | 0.0 | 15s              | 0.2             | 0               | 17.9           | 0                | 0      |  |                 |      | Calibration check passed |
|                   |             |     | 30s              | 0.1             | 0               | 19.5           |                  |        |  |                 |      |                          |
|                   |             |     | 60s              | 0.1             | 0               | 20.1           |                  |        |  |                 |      |                          |

## GROUND GAS AND GROUNDWATER MONITORING

| <b>Contract</b>                 | Furners Lane, Woodmancote | <b>Report Ref</b>                                                                                                                                | 25/13289/GO       |                 |                 |                |                  |        |      |                 |      |                          |
|---------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-----------------|----------------|------------------|--------|------|-----------------|------|--------------------------|
| <b>Date</b>                     | 29/01/2026                | <b>Visit</b>                                                                                                                                     | 3                 |                 |                 |                |                  |        |      |                 |      |                          |
| <b>Technician</b>               | HF                        | <b>Check</b>                                                                                                                                     | GO                |                 |                 |                |                  |        |      |                 |      |                          |
| <b>Weather</b>                  | Cloudy                    | <b>Page</b>                                                                                                                                      | 1                 |                 |                 |                |                  |        |      |                 |      |                          |
| <b>Atmospheric Pressure</b>     |                           | <b>Before</b>                                                                                                                                    | 992mb             |                 |                 |                |                  |        |      |                 |      |                          |
|                                 |                           | <b>After</b>                                                                                                                                     | 991mb             |                 |                 |                |                  |        |      |                 |      |                          |
| <b>Published Pressure Trend</b> |                           | Low                                                                                                                                              |                   |                 |                 |                |                  |        |      |                 |      |                          |
| <b>Remarks</b>                  |                           | <p style="font-size: small; text-align: center;">Brighton City Airport<br/>Pressure (hPa): 31.12.2025 - 28.01.2026<br/>© weatheronline.co.uk</p> |                   |                 |                 |                |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  |                   |                 |                 |                |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  |                   |                 |                 |                |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  |                   |                 |                 |                |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  |                   |                 |                 |                |                  |        |      |                 |      |                          |
| Position                        | Flow (l/hr)               |                                                                                                                                                  | Common Gases (%)  |                 |                 |                | H <sub>2</sub> S | Hexane |      | Groundwater (m) |      | Remarks                  |
|                                 | High                      | Low                                                                                                                                              | Time              | CO <sub>2</sub> | CH <sub>4</sub> | O <sub>2</sub> |                  |        |      | Water           | Base |                          |
| Calibration Check               | 0.0                       | 0.0                                                                                                                                              | 15s               | 0.10            | 0               | 20.4           |                  |        |      |                 |      | Calibration check passed |
|                                 |                           |                                                                                                                                                  | 30s               | 0.0             | 0               | 20.6           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 60s               | 0.0             | 0               | 20.6           |                  |        |      |                 |      |                          |
| 1                               | 0                         | 0                                                                                                                                                | 15s               | 0.5             | 0               | 20.4           | 0                | 0      |      | none            | 1.60 |                          |
|                                 |                           |                                                                                                                                                  | 30s               | 0.6             | 0               | 20.0           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 45s               | 0.6             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m                | 0.6             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m 15s            | 0.6             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m 30s            | 0.6             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m 45s            | 0.6             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m                | 0.5             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m 15s            | 0.5             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m 30s            | 0.5             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m 45s            | 0.4             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 3m                | 0.4             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2                 | 0               | 0               | 15s            |                  |        |      |                 |      |                          |
| 30s                             | 2.0                       | 0                                                                                                                                                |                   |                 |                 | 17.1           |                  |        |      |                 |      |                          |
| 45s                             | 1.8                       | 0                                                                                                                                                |                   |                 |                 | 17.0           |                  |        |      |                 |      |                          |
| 1m                              | 1.9                       | 0                                                                                                                                                |                   |                 |                 | 17.0           |                  |        |      |                 |      |                          |
| 1m 15s                          | 2.1                       | 0                                                                                                                                                |                   |                 |                 | 17.0           |                  |        |      |                 |      |                          |
| 1m 30s                          | 1.8                       | 0                                                                                                                                                |                   |                 |                 | 16.9           |                  |        |      |                 |      |                          |
| 1m 45s                          | 1.5                       | 0                                                                                                                                                |                   |                 |                 | 17.4           |                  |        |      |                 |      |                          |
| 2m                              | 1.2                       | 0                                                                                                                                                |                   |                 |                 | 18.1           |                  |        |      |                 |      |                          |
| 2m 15s                          | 1.6                       | 0                                                                                                                                                |                   |                 |                 | 17.6           |                  |        |      |                 |      |                          |
| 2m 30s                          | 1.4                       | 0                                                                                                                                                |                   |                 |                 | 17.9           |                  |        |      |                 |      |                          |
| 2m 45s                          | 2.0                       | 0                                                                                                                                                |                   |                 |                 | 17.2           |                  |        |      |                 |      |                          |
| 3m                              | 2.0                       | 0                                                                                                                                                |                   |                 |                 | 16.6           |                  |        |      |                 |      |                          |
| 6                               | 0                         | 0                                                                                                                                                |                   |                 |                 | 15s            | 0.3              | 0      | 20.5 | 0               | 0    |                          |
|                                 |                           |                                                                                                                                                  | 30s               | 0.3             | 0               | 20.3           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 45s               | 0.4             | 0               | 20.2           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m                | 0.4             | 0               | 20.1           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m 15s            | 0.4             | 0               | 20.0           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m 30s            | 0.4             | 0               | 19.9           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 1m 45s            | 0.4             | 0               | 19.9           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m                | 0.5             | 0               | 19.9           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m 15s            | 0.5             | 0               | 19.9           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m 30s            | 0.5             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 2m 45s            | 0.5             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | 3m                | 0.5             | 0               | 19.8           |                  |        |      |                 |      |                          |
|                                 |                           |                                                                                                                                                  | Calibration Check | 0.0             | 0.0             | 15s            | 0.1              | 0      | 20.1 |                 |      |                          |
| 30s                             | 0.0                       | 0                                                                                                                                                |                   |                 |                 | 20.5           |                  |        |      |                 |      |                          |
| 60s                             | 0.0                       | 0                                                                                                                                                |                   |                 |                 | 20.6           |                  |        |      |                 |      |                          |