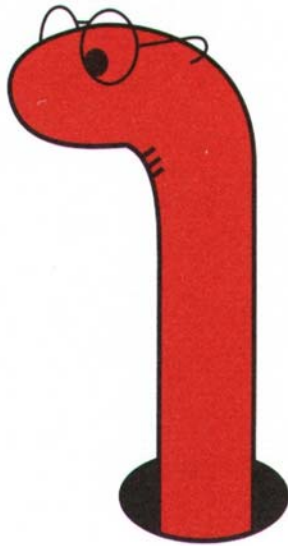


# **Electronic Report**



## **WORMS EYE**

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Our Ref: Bury Old Road / BL0 0RX / 2026  
Date: 29 April 2026

Bleakholt Animal Sanctuary  
Bury Old Road  
Ramsbottom  
BL0 0RX

Copy to: Thomas Holt  
Thomas@whiteleyeaves.co.uk

## **BLEAKHOLT ANIMAL SANCTUARY, BURY OLD ROAD, RAMSBOTTOM, BL0 0RX** **SITE INVESTIGATION REPORT AND VERIFICATION STRATEGY**

### **INTRODUCTION**

A commercial development is proposed. Instructions were to prepare a verification strategy to ensure the development is carried out with no risk to end-users on completion.

### **SITE LOCATION AND RECENT ACTIVITY**

Bleakholt Animal Sanctuary is located to the southwest of Bury Old Road in Ramsbottom and at OS Grid Reference 380569, 418286. The site is an 'L' shaped section of grass lawn, 23 x 16m, at the northeast of the complex sloping down to the southwest, and appears to have been previously cut into the slope at the south corner. There are kennels to the southeast and southwest and a café to the northwest. There are no obvious signs of contamination (e.g. tanks, staining or odours).

### **PROPOSED DEVELOPMENT**

It is proposed to build two pre-fabricated buildings. A rectangular building, 10 by 3m at the northwest and an 'L' shaped building, 15 by 10m at the southwest. This will require cutting into the slope to the northeast, increasing from 0 at the southwest rising to about 1.5m at the northeast.

A retaining wall will be built along the northeast of the site, with a narrow landscape strip between the buildings and the retaining wall.

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## **GROUND INVESTIGATIONS**

### **Trial holes (By Others)**

Three trial holes were carried out by others in January 2026 to about 1m deep. The structural engineer indicates these “generally comprise topsoil varying from 150mm to 500mm deep overlying firm brown clay”.

### **Trial Holes (By Worms Eye)**

In April 2025 four trial holes were excavated by Worms Eye to collect samples for testing. Details are given on the enclosed trial hole logs and location plan. These show variable conditions.

THA, at the higher level at the northeast had topsoil to 0.45m overlying made ground (gravel with clinker in a soily matrix) to 0.52m where orange/brown clay with gravel was found, becoming very soft and dark brown between about 1m and its base at 1.2m deep.

THB, at the lower level towards the southwest, found topsoil with rare glass and a brick fragment (probably fallen in from the surface and not made ground) overlying very gravelly clay at 0.15m before gravel with clay was seen between 0.29m and the base at 0.45m deep. A sandstone obstruction at 0.45m prevented further digging.

THC, at the high level towards the northwest, found topsoil, with occasional gravel, glass and brick piece to 0.15m where gravel was found. Made ground (clayey topsoil with a half brick, gravel, and occasional clinker) was found at 0.2m before gravelly clay was seen between 0.42m and the base of the TH at 1.0m deep.

THD, towards the middle found topsoil to 0.1m overlying clay to 0.2m where the TH was stopped.

The trial holes were all dry throughout.

**CONTAMINATION TESTING**

Five samples (three shallow and two deeper) were tested for a range of common contaminants by Worms Eye. For a conservative assessment maximum values have been compared with residential C4Ls, soil guideline values provided by CLEA and values based on the LQM/CIEH S4ULS. In accordance with guidance provided by the AGS, threshold values from other sources have been used for screening purposes. This information is shown on the enclosed Comparison Table.

Asbestos – No asbestos fibres were seen.

Inorganics (metals etc.) – Levels of inorganic contaminants are below residential thresholds.

Sulphate – Water Soluble Sulphate levels are below the BRE action level for buried concrete except in THC at 0.25m where it exceeds the action level.

Hydrocarbons – Phenols, TPHs and PAHs are all below their respective residential threshold.

**DISPOSAL OF EXCAVATED SOIL**

Results have been compared with hazardous waste thresholds and a Hazwaste Report is enclosed. This suggests excavated soil would not be classed as hazardous waste.

WAC tests show excavated clay would be suitable for disposal at inert waste landfill, however, levels of Total Organic Carbon (TOC) and Loss Of Ignition (LOI) in the made ground exceed the threshold for disposal at inert waste landfill, and TOC levels in the topsoil exceed the threshold for disposal at inert waste landfill without treatment.

TOC levels in THA at 0.15m and in THC at 0.25m exceed the threshold for disposal at inert waste landfill without treatment.

## **DISCUSSION**

### **Contamination**

Tests show low levels of contaminants, below stringent residential thresholds. This indicates no risk to end-users and no remedial works are required.

Water Soluble Sulphate is raised in made ground from THC at 0.25m. However, excavations around THC will remove made ground from site, removing soils with elevated sulphate. This will, therefore, remove the risk to buried concrete and it is considered sulphate resistant concrete is not required.

Hydrocarbon vapours are very low and pose no risk to end-users.

### **Excavated Soils**

Test results suggest excavated soil would not be classed as hazardous waste and excavated clay would be suitable for disposal at inert waste landfill.

Marginally raised levels of TOC and LOI in made ground suggest excavated made ground may need to be treated for disposal at inert or hazardous waste landfill.

Similarly, TOC levels in the topsoil also suggest these may need treatment before disposal at inert waste landfill.

### **Re-Use of Excavated Soils**

Following the reduced level dig the proposal is to create a landscaped strip along the northeast side of the new buildings. This will require topsoil to be laid on the clay to complete the landscaping.

Tests show low levels of contaminants, below appropriate thresholds, indicating that excavated topsoil and clay, would be suitable to re-use on site to complete the narrow landscape strip. This would reduce the volume of soils being removed from site.

It is considered that the layer of made ground (topsoil, brick, gravel, clinker) is not suitable for re-use and should be removed from site.

To avoid made ground entering the topsoil the work to re-use the topsoil will need to be carried out in a controlled manner. This will require topsoil, which is to be re-used to be marked out on-site, carefully excavated and stockpiled. Made ground can then be excavated and removed from site before the underlying clay is excavated and, if required, stockpiled for re-use.

## **BREAKING PATHWAYS**

### **Construction Workers**

Site workers should be made aware of the hazards of working with contaminated soils, and appropriate procedures and PPE adopted to ensure the health and safety of the site operative. All site personnel should be briefed on the discovery strategy in the watching brief and what actions they must take in the event that further evidence of contamination is identified or suspected.

Normal precautions for an urban renewal type project are required. These would include the use of gloves and the provision of washing facilities to avoid ingestion of contaminants.

### **Watching Brief**

A watching brief for unexpected contaminants should be maintained. If unexpected contaminants (e.g. asbestos, oily material, unusual smells) are seen, especially during excavations, work should cease and the consultant be notified and the site inspected.

We suggest taking photographs (daily or more frequent) to include in the validation report.

### **Excavated Soils**

Test results suggest excavated soil would not be classed as hazardous waste and excavated clay would be suitable for disposal at inert waste landfill. However, TOC levels in the topsoil suggest these may need treatment before disposal at inert waste landfill.

Marginally raised TOC and LOI suggest excavated made ground may need to be treated for disposal at inert or hazardous waste landfill.

The results should be passed to the receiving site for confirmation of the status.

### **Re-Use of Excavated Soils**

Excavated topsoil and clay would be suitable to re-use in the narrow landscape strip. This work will need to be carried out in a controlled manner, under supervision, and the following is suggested:

- Calculate volume of topsoil and clay (if required) for re-use.
- Mark out area to be excavated.
- Carefully strip topsoil for re-use in thin layers, down to the underlying made ground or clay.
- Stockpile excavated topsoil for re-use.
- Excavate made ground and remove from site.
- Excavate underlying clay and either:
  - Stockpile for re-use.
  - Remove from site.
- Complete landscaped area with excavated topsoil and clay (if required).

### Testing required on imported material

If soils need to be brought onto site, the following tests are required on imported material, to be tested by the consultant:

- Virgin quarried material – 1 or 2 tests depending on stone type. Testing to include arsenic, cadmium, chromium (total), chromium VI, copper, mercury, nickel, lead, selenium, zinc.
- Topsoil – minimum of 3 tests or 1 test per 50m<sup>3</sup> (whichever is greater). Testing to include arsenic, cadmium, chromium (total) chromium VI, copper, mercury, nickel, lead, selenium, zinc, PAH (16 USEPA speciation), asbestos, banded TPHs.
- Sub-soil (brownfield) – minimum of 3 tests or 1 per 50m<sup>3</sup> (whichever is greater). Testing to include arsenic, cadmium, chromium (total) chromium VI, copper, mercury, nickel, lead, selenium, zinc, PAH (16 USEPA speciation), asbestos, banded TPHs and any additional analysis dependant on the history of the donor site.
- Sub-soil (green field) - minimum of 3 tests or 1 per 50m<sup>3</sup> (whichever is greater). Testing to include arsenic, cadmium, chromium (total) chromium VI, copper, mercury, nickel, lead, selenium, zinc, PAH (16 USEPA speciation), asbestos, banded TPHs and any additional analysis dependant on the history of the donor site.

Bearing in mind the size of remaining lawn it is suggested that created soils are stockpiled on an appropriate membrane before being spread on-site. Testing can then be carried out from samples collected from the stockpile to ensure soils which are not suitable for use are not used.

### Soil Screen Values

Tests carried out on the imported material, either by the supplier or the consultant, to be screened against residential values, based on 1% SOM. If these are exceeded, site specific value may be derived, subject to them being appropriate.

### Validation

A validation report will be required on completion, this will require but not necessarily be limited to:

- Supervision and inspection of works to re-use excavated topsoil.
- Photos showing the reduced level excavations.
- Tickets from waste removal contractor and receiving landfill for all excavated soils.
- Contamination test results for tests on imported soils (if any).
- Trial holes and photographs to confirm thickness of imported soil types showing the position of the TH relative to the plot, the depth and nature of the imported soils from surface to base.
- Document (receipt, delivery notes) to show soil types and sources.

We would expect the client/contractor to carry out/obtain:

- Maintain watching brief.
- Daily inspection for unexpected contaminants.
- Photographs of excavations for footings or trenches.
- Collect and safely store:
  - Waste Transfer Notes for all excavated soils.
  - Delivery Notes and Receipts for imported soil to confirm the volume and date imported.
- Documents from the soil supplier to show the type, source and nature of imported soils.

The works to strip and re-use topsoil should be inspected by the consultant, or their representative:

- During excavation and stockpiling of topsoil.
- Following removal of made ground.
- During excavation and stockpiling of clay (if required).
- Inspection of trial holes following completion of landscaping.

Soil testing on imported soils (if any) must be carried by the consultants, not the supplier, from samples collected on-site.

To confirm the depth of re-used topsoil a minimum of 3 trial holes is suggested in the landscaped area. These can be excavated by the contractor but this must be in the presence of, and inspected by, an appropriate consultant or their representative.

The photographs must be a sufficient size to show:

- Location of TH.
- Depth of TH.
- Nature of soils in the TH.
- Presence of geotextile at the base in the landscaped strips.

## **CONCLUSION**

### **Contaminated Soils**

Tests show low levels of contaminants, below stringent thresholds, showing no risk to end-users and requiring no specific remedial works.

Elevated levels of sulphate in THC at 0.25m will be removed from site as part of the excavations in that area. Therefore, it is considered sulphate resistant concrete is not required.

There are no risks from hydrocarbon vapours.

### **Excavated Soils**

Excavated soil should not be classed as hazardous waste.

Excavated clay is suitable for disposal at inert waste landfill.

Excavated topsoil may need treatment before disposal at inert waste landfill due to elevated TOC levels.

Made ground may require treatment for disposal at inert or hazardous waste landfill due to elevated levels of TOC and LOI.

The results should be issued to the receiving site for confirmation.

### Re-Use of Excavated Soils

Excavated topsoil and clay would be suitable to re-use in the narrow landscape strip and the following is suggested:

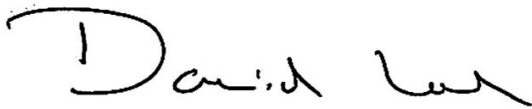
- Calculate volume of topsoil and clay (if required) for re-use.
- Mark out area to be excavated.
- Carefully strip topsoil for re-use in thin layers, down to the underlying made ground or clay.
- Stockpile excavated topsoil for re-use.
- Excavate made ground and remove from site.
- Excavate underlying clay and either:
  - Stockpile for re-use.
  - Remove from site.
- Complete landscaped area with excavated topsoil and clay (if required).

This work will need to be carried out in a controlled manner, under supervision, and the following is suggested as being carried out by the consultant, or their representative:

- During excavation and stockpiling of topsoil.
- Following removal of made ground.
- During excavation and stockpiling of clay (if required).
- Inspection of trial holes following completion of landscaping.

Yours faithfully

on behalf of Worms Eye Ltd



David Lord  
BSc (Hons)  
FGS, MIEEnvSc, AIEMA

**BLEAKHOLT ANIMAL SANCTUARY, BURY OLD ROAD, RAMSBOTTOM, BL0 0RX**

**List of Appendices – Verification Strategy**

**List of Acronyms**

**Location Plan**

**Existing site plan - showing trial hole locations**

**Proposed site plan – showing trial hole locations**

**Trial Hole Logs**

**Photographs of Site**

**Contamination Test Results – Soil and WAC**

**Contamination Comparison Table – Soil**

**Hazwaste Report**

## **CONTAMINATION TEST UNITS**

| Conversion factor | Name               | Symbol | Numerical Value                               | Alternative description         | Commonly used for:                |
|-------------------|--------------------|--------|-----------------------------------------------|---------------------------------|-----------------------------------|
|                   | per cent           | %      | 1 in 100<br>(10 <sup>2</sup> )                |                                 | total sulphur,<br>hazardous waste |
| % x10             | parts per thousand | ‰      | 1 in 1000<br>(10 <sup>3</sup> )               | g/l (grams per litre)           | water soluble<br>sulphate test    |
| ‰ x 1,000         | parts per million  | ppm    | 1 in 1,000,000<br>(10 <sup>6</sup> )          | mg/kg (milligrams per kilogram) | most soil tests                   |
|                   |                    |        |                                               | mg/l (milligrams per litre)     | water tests                       |
| ppm x 1,000       | parts per billion  | ppb    | 1 in 1,000,000,000<br>(10 <sup>9</sup> )      | µg/kg (micrograms per kilogram) | PAH soil tests                    |
|                   |                    |        |                                               | µg/l (micrograms per litre)     | water/leachate tests              |
| ppb x 1,000       | parts per trillion | ppt    | 1 in 1,000,000,000,000<br>(10 <sup>12</sup> ) | ng/kg (nanograms per kilogram)  | PAH soil tests                    |
|                   |                    |        |                                               | ng/l (nanograms per litre)      | water/leachate tests              |

### **ABBREVIATIONS**

|                        |         |                                                                           |
|------------------------|---------|---------------------------------------------------------------------------|
| <b><u>Chemical</u></b> | BaP     | Benzo(a)pyrene                                                            |
|                        | BTEX    | Benzene, toluene, ethylbenzene, xylene                                    |
|                        | DbA     | Dibenzo(ah)anthracene                                                     |
|                        | EPH     | Extractable petroleum hydrocarbons (formerly diesel range organics – DRO) |
|                        | LOI     | Loss On Ignition                                                          |
|                        | MTBE    | Methyl tertiaryt-butyl ether (additive to petrol)                         |
|                        | NFD     | No fibres detected (asbestos test)                                        |
|                        | PAH     | Polycyclic aromatic hydrocarbons                                          |
|                        | PCB     | Polychlorinated biphenyls                                                 |
|                        | PCE     | Perchloroethylene or tetrachloroethylene                                  |
|                        | PID     | Photo ionisation detector (screen for VOC)                                |
|                        | PRO/GRO | Petrol range organics/gasoline range organics                             |
|                        | SOM     | Soil Organic Matter                                                       |
|                        | SVOC    | Semi-volatile organic compounds                                           |
|                        | TCE     | Trichloroethylene                                                         |
|                        | TOC     | Total Organic Carbon                                                      |
|                        | TPH     | Total petroleum hydrocarbons                                              |
|                        | VOC     | Volatile organic compounds                                                |
| <b><u>Other</u></b>    | AGS     | Association of Geotechnical Specialists                                   |
|                        | BH      | Borehole                                                                  |
|                        | BGS     | British Geological Survey                                                 |
|                        | BRE     | Building Research Establishment                                           |
|                        | CBR     | California Bearing Ratio                                                  |
|                        | CIEH    | Chartered Institute of Environmental Health                               |
|                        | CIRIA   | Construction Industry Research and Information Association                |
|                        | CLEA    | Contaminated Land Exposure Assessment (Environment Agency/DEFRA)          |
|                        | CLR 8   | Contaminated Land Research Report 8 (Environment Agency/DEFRA)            |
|                        | DWQ     | Drinking water quality                                                    |
|                        | EA      | Environment Agency                                                        |
|                        | EQS     | Environmental quality standards (for rivers etc.)                         |
|                        | ICRCL   | Inter-departmental Commission for the Reclamation of Contaminated Land    |
|                        | LQM     | Land Quality Management Ltd (Land and Environmental Consultancy).         |
|                        | NHBC    | National House Builders Council                                           |
|                        | SGV     | Soil Guideline Values                                                     |
|                        | SPT     | Standard penetration test                                                 |
|                        | TH      | Trial Hole                                                                |
|                        | TPHWG   | TPH Working Group                                                         |

1. This report should be considered in relation to the objectives agreed between Worms Eye and the Client, outlined in the introduction.
2. For the work, reliance has been placed on publicly available data, obtained from the sources identified in the report. The information is not exhaustive and further information may be available from other sources. When using the information it has been assumed it is correct, and no attempt has been made to verify the information.
3. This report has been produced in accordance with current UK policy and guidelines, for land and groundwater contamination, enforced by the Local Authority and the Environment Agency.
4. During the site walkover, reasonable effort was made to obtain an overview of the site. However, no attempt was made to enter areas that are unsafe, a risk to health and safety, locked, barricaded, overgrown, or areas not made accessible.
5. Access, the presence of services and activities on the site, limited locations where sampling could be carried out and the techniques that could be used.
6. Assessments are based on available information at the time of writing and are ultimately for the decision of the regulatory authorities.
7. The conclusions and recommendations provide an overview and guidance only and should not be specifically relied upon without considering the context of the report in full.
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9. New information, revised practices, or changes in legislation, may necessitate the re-interpretation of the report, in whole or in part.



Key

Site Boundary

AREA: 729m²



Site Location Plan  
Scale: 1:1250



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WHITELEYEAVES

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|              |                                                           |                |            |
|--------------|-----------------------------------------------------------|----------------|------------|
| CLIENT       | BLEAKHOLT ANIMAL SANCTUARY                                |                |            |
| JOB NUMBER   | 932                                                       | DATE           | 18.11.2025 |
| DRAWING NAME | SITE LOCATION PLAN                                        |                |            |
| SCALE DRAWN: | AS SHOWN                                                  | PAGE SIZE      | A4         |
| REVISION     | -                                                         | DRAWING NUMBER | 01         |
| ADDRESS      | BURY OLD RD,<br>EDENFIELD,<br>RAMSBOTTOM, BURY<br>BL0 ORX |                |            |
| NOTES        | .....                                                     |                |            |
| DRAWN BY:    | TH                                                        | CHECKED BY:    | .....      |



Block Plan  
Scale 1:200

- Site Boundary  
725m<sup>2</sup>
- Low Wall  
Dry stone walling
- Grass
- Seeded Soil  
Mix of patches of grass, soil and undergrowth.  
Tree cover impacting grass health & establishment
- Footpath/Access Road  
Tarmac with pin kerb edging
- Trees
- Hedgerow

| Rev. | Notes.             | Date.    | By. |
|------|--------------------|----------|-----|
| A    | Added section line | 15.12.25 | TH  |

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CLIENT BLEAKHOLT ANIMAL SANCTUARY

JOB NUMBER 932 DATE 04.12.2025

DRAWING NAME EXISTING BLOCK PLAN

SCALE DRAWN: 1:200 PAGE SIZE A3

REVISION A DRAWING NUMBER 03

ADDRESS BURY OLD RD,  
EDENFIELD,  
RAMSBOTTOM, BURY  
BL0 0RX

NOTES .....

DRAWN BY: TH CHECKED BY: .....





Block Plan  
Scale 1:200

- Site Boundary**  
725m<sup>2</sup>
- Low Wall**  
Dry stone walling
- Grass**
- Seeded Soil**  
Mix of patches of grass, soil and undergrowth.  
Tree cover impacting grass health & establishment
- Footpath/Access Road**  
Tarmac with pin kerb edging
- Hedgerow**
- Line of Retaining Walling**
- Trees - Existing Unchanged**
- Trees - Existing Replanted in new location**
- Trees - New**

| Rev. | Notes                      | Date     | By. |
|------|----------------------------|----------|-----|
| D    | added detail from HMMP     | 05.02.25 | TH  |
| C    | added retaining wall line  | 16.01.25 | TH  |
| B    | added drainage indications | 16.01.25 | TH  |
| A    | updated shielding notes    | 15.12.25 | TH  |

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CLIENT BLEAKHOLT ANIMAL SANCTUARY

JOB NUMBER 932 DATE 18.11.2025

DRAWING NAME PROPOSED BLOCK PLAN

SCALE DRAWN: 1:200 PAGE SIZE A3

REVISION D DRAWING NUMBER 05

ADDRESS BURY OLD RD,  
EDENFIELD,  
RAMSBOTTOM, BURY  
BL0 0RX

NOTES .....

DRAWN BY: TH CHECKED BY: .....

BLEAKHOLT ANIMAL SANCTUARY, BURY OLD ROAD, RAMSBOTTOM, BL0 0RX

1/4/26

Panoramic Photo Looking North to East

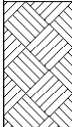


BLEAKHOLT ANIMAL SANCTUARY, BURY OLD ROAD, RAMSBOTTOM, BL0 0RX

1/4/26

Panoramic Photo Looking South to West



|                                |                |                              |               |                               |                       |                                                               |  |                         |                                                                                     |       |
|--------------------------------|----------------|------------------------------|---------------|-------------------------------|-----------------------|---------------------------------------------------------------|--|-------------------------|-------------------------------------------------------------------------------------|-------|
| Worms Eye Limited              |                |                              |               | PO Box 1157<br>COLNE, BB9 4HS |                       | Site<br>Bleakholt Animal Sanctuary, Bury Old Road, Ramsbottom |  | Trial Pit Number<br>THA |                                                                                     |       |
| Excavation Method<br>Trial Pit |                | Dimensions                   |               | Ground Level (mOD)            |                       | Client                                                        |  |                         | Job Number<br>BL0 0RX                                                               |       |
|                                |                | Location<br>Southeast corner |               | Dates<br>01/04/2026           |                       | Project Contractor<br>Worms Eye Ltd.                          |  |                         | Sheet<br>1/1                                                                        |       |
| Depth (m)                      | Sample / Tests | Water Depth (m)              | Field Records | Level (mOD)                   | Depth (m) (Thickness) | Description                                                   |  |                         | Legend                                                                              | Water |
|                                |                |                              |               |                               |                       | Brown, clayey topsoil.                                        |  |                         |  |       |
|                                |                |                              |               |                               | (0.45)                |                                                               |  |                         |                                                                                     |       |
|                                |                |                              |               |                               | 0.45 (0.02)           | MADE GROUND - Gravel and clinker in a soily matrix.           |  |                         |  |       |
|                                |                |                              |               |                               | 0.52 (0.48)           | Firm, grey/brown, slightly sandy clay with occasional roots.  |  |                         |  |       |
|                                |                |                              |               |                               | 1.00 (0.20)           | Very soft, dark brown, clay with rare gravel.                 |  |                         |  |       |
|                                |                |                              |               |                               | 1.20                  | Complete at 1.20m                                             |  |                         |  |       |
|                                |                |                              |               |                               |                       |                                                               |  |                         |                                                                                     |       |
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|  | <div> Remarks </div> <div> Dry. </div>        |                                        |                                                  |
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| <div>Worms Eye Limited</div> <div>PO Box 1157<br/>COLNE, BB9 4HS</div>                         |                           |                                                 |                          |                                        | <div>Site</div> <div>Bleakholt Animal Sanctuary, Bury Old Road, Ramsbottom</div>                                      |                                                                                                                                                                                                                                                                                                          | <div>Trial Pit Number</div> <div>THC</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                  |
| <div>Excavation Method</div> <div>Trial Pit</div>                                              |                           | <div>Dimensions</div>                           |                          | <div>Ground Level (mOD)</div>          |                                                                                                                       | <div>Client</div>                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <div>Job Number</div> <div>BL0 0RX</div> |                  |
|                                                                                                |                           | <div>Location</div> <div>Northwest corner</div> |                          | <div>Dates</div> <div>01/04/2026</div> |                                                                                                                       | <div>Project Contractor</div> <div>Worms Eye Ltd.</div>                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <div>Sheet</div> <div>1/1</div>          |                  |
| <div>Depth (m)</div>                                                                           | <div>Sample / Tests</div> | <div>Water Depth (m)</div>                      | <div>Field Records</div> | <div>Level (mOD)</div>                 | <div>Depth (m) (Thickness)</div>                                                                                      | <div>Description</div>                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <div>Legend</div>                        | <div>Water</div> |
|                                                                                                |                           |                                                 |                          |                                        | <div>(0.15)</div> <div>0.15</div> <div>0.20</div> <div>(0.22)</div> <div>0.42</div> <div>(0.58)</div> <div>1.00</div> | <div>Brown, clayey topsoil with occasional gravel, glass and brick piece.</div> <div>Sandstone gravel.</div> <div>MADE GROUND - Brown, clayey topsoil with brick, gravel and occasional clinker.</div> <div>Firm, brown/grey, slightly sandy, slightly gravelly clay.</div> <div>Complete at 1.00m</div> | <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> |                                          |                  |
| <div></div> |                           |                                                 |                          |                                        |                                                                                                                       | <div>Remarks</div> <div>Dry.</div>                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                  |
|                                                                                                |                           |                                                 |                          |                                        |                                                                                                                       | <div>Scale (approx)</div> <div>1:25</div>                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <div>Logged By</div> <div>EW</div>       |                  |

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| <div>Worms Eye Limited</div>   |                |                    |               |                     | PO Box 1157<br>COLNE, BB9 4HS    |                                                                  | Site<br>Bleakholt Animal Sanctuary, Bury Old Road, Ramsbottom |                                                                                          | Trial Pit Number<br>THD |  |
| Excavation Method<br>Trial Pit |                | Dimensions         |               | Ground Level (mOD)  |                                  | Client                                                           |                                                               | Job Number<br>BL0 0RX                                                                    |                         |  |
|                                |                | Location<br>Middle |               | Dates<br>01/04/2026 |                                  | Project Contractor<br>Worms Eye Ltd.                             |                                                               | Sheet<br>1/1                                                                             |                         |  |
| Depth (m)                      | Sample / Tests | Water Depth (m)    | Field Records | Level (mOD)         | Depth (m) (Thickness)            | Description                                                      |                                                               | Legend                                                                                   | Water                   |  |
|                                |                |                    |               |                     | (0.10)<br>0.10<br>(0.10)<br>0.20 | Brown, clayey topsoil.<br>Light brown clay.<br>Complete at 0.20m |                                                               | <br>— |                         |  |
| Plan                           |                |                    |               |                     | Remarks                          |                                                                  |                                                               |                                                                                          |                         |  |
| .                              |                |                    |               |                     | Dry.                             |                                                                  |                                                               |                                                                                          |                         |  |
| .                              |                |                    |               |                     |                                  |                                                                  |                                                               |                                                                                          |                         |  |
| .                              |                |                    |               |                     |                                  |                                                                  |                                                               |                                                                                          |                         |  |
| .                              |                |                    |               |                     |                                  |                                                                  |                                                               |                                                                                          |                         |  |
| .                              |                |                    |               |                     |                                  |                                                                  |                                                               |                                                                                          |                         |  |
| .                              |                |                    |               |                     |                                  |                                                                  |                                                               |                                                                                          |                         |  |
|                                |                |                    |               |                     | Scale (approx)                   |                                                                  | Logged By                                                     |                                                                                          | Figure No.              |  |
|                                |                |                    |               |                     | 1:25                             |                                                                  | EW                                                            |                                                                                          | BL0 0RX.TH              |  |

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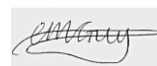
e: info-i2analytical@normecgroup.com

## **Analytical Report Number : 26-017556**

Replaces Analytical Report Number: 26-017556, issue no. 1  
Additional analysis undertaken.

Addition WAC single stage has been added to samples 880228, 880230 as per client's request.

|                             |                                      |                                                        |            |
|-----------------------------|--------------------------------------|--------------------------------------------------------|------------|
| <b>Project / Site name:</b> | Bleakholt, Bury Old Road, Ramsbottom | <b>Samples received on:</b>                            | 07/04/2026 |
| <b>Your job number:</b>     | BLO ORX                              | <b>Samples instructed on/<br/>Analysis started on:</b> | 07/04/2026 |
| <b>Your order number:</b>   |                                      | <b>Analysis completed by:</b>                          | 24/04/2026 |
| <b>Report Issue Number:</b> | 2                                    | <b>Report issued on:</b>                               | 24/04/2026 |
| <b>Samples Analysed:</b>    | 5 soil samples - 2 leachate samples  |                                                        |            |



**Signed:**

Elaine Guy  
Customer Services Advisor  
**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: 26-017556  
Project / Site name: Bleakholt, Bury Old Road, Ramsbottom

|                                         |               |                            |                              |               |               |
|-----------------------------------------|---------------|----------------------------|------------------------------|---------------|---------------|
| Lab Sample Number                       | 880227        | 880228                     | 880229                       | 880230        | 880231        |
| Sample Reference                        | THA           | THA                        | THB                          | THC           | THC           |
| 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)                               | 0.15          | 0.80                       | 0.10                         | 0.25          | 0.60          |
| Date Sampled                            | 01/04/2026    | 01/04/2026                 | 01/04/2026                   | 01/04/2026    | 01/04/2026    |
| Time Taken                              | 1330          | 1330                       | 1330                         | 1330          | 1330          |
| Analytical Parameter<br>(Soil Analysis) | Units         | Test Limit of<br>detection | Test Accreditation<br>Status |               |               |

|                               |    |      |      |       |       |       |       |       |
|-------------------------------|----|------|------|-------|-------|-------|-------|-------|
| Mass of stone >10mm           | %  | 0.1  | NONE | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Moisture Content              | %  | 0.01 | NONE | 29    | 23    | 20    | 32    | 16    |
| Total mass of sample received | kg | 0.1  | NONE | 1.4   | 1.3   | 1.4   | 1.3   | 1.4   |

#### 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       | KWB          | KWB          | KWB          | KWB          | KWB          |
| Analysis completed                     | N/A  | N/A | N/A       | 16/04/2026   | 16/04/2026   | 16/04/2026   | 16/04/2026   | 16/04/2026   |

#### General Inorganics

|                                                                         |          |       |        |       |       |       |       |       |
|-------------------------------------------------------------------------|----------|-------|--------|-------|-------|-------|-------|-------|
| pH (L005B)                                                              | pH Units | N/A   | MCERTS | -     | 5.7   | -     | 7.1   | -     |
| pH (L099)                                                               | pH Units | N/A   | MCERTS | 6.9   | 4.8   | 7     | 6.5   | 7.5   |
| Total Cyanide                                                           | mg/kg    | 1     | MCERTS | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Thiocyanate as SCN                                                      | mg/kg    | 5     | NONE   | < 5.0 | 7.2   | < 5.0 | < 5.0 | < 5.0 |
| Total Sulphate as SO <sub>4</sub>                                       | %        | 0.005 | MCERTS | 0.076 | 0.052 | 0.013 | 0.578 | 0.034 |
| Water Soluble Sulphate as SO <sub>4</sub> 16hr extraction (2:1)         | mg/kg    | 2.5   | MCERTS | 73    | 83    | 52    | 3400  | 82    |
| Water Soluble SO <sub>4</sub> 16hr extraction (2:1 Leachate Equivalent) | mg/l     | 1.25  | MCERTS | 36.7  | 41.4  | 26    | 1690  | 40.9  |
| Sulphide                                                                | mg/kg    | 1     | MCERTS | < 1.0 | < 1.0 | < 1.0 | 41    | < 1.0 |
| Total Organic Carbon (TOC) - Automated                                  | %        | 0.1   | MCERTS | 4.1   | 0.9   | 2.3   | 5.4   | 1.4   |
| Loss on Ignition @ 450°C                                                | %        | 0.2   | MCERTS | -     | 4.4   | -     | 11    | -     |
| Acid Neutralisation Capacity                                            | mmol/kg  | -9999 | NONE   | -     | -13   | -     | 0     | -     |

#### Total Phenols

|                            |       |   |        |       |       |       |       |       |
|----------------------------|-------|---|--------|-------|-------|-------|-------|-------|
| Total Phenols (monohydric) | mg/kg | 1 | MCERTS | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
|----------------------------|-------|---|--------|-------|-------|-------|-------|-------|

#### Speciated PAHs

|                        |       |      |           |        |        |        |        |        |
|------------------------|-------|------|-----------|--------|--------|--------|--------|--------|
| Naphthalene            | mg/kg | 0.05 | MCERTS    | 0.09   | < 0.05 | 0.06   | 0.16   | 0.07   |
| Acenaphthylene         | mg/kg | 0.05 | MCERTS    | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Acenaphthene           | mg/kg | 0.05 | MCERTS    | < 0.05 | < 0.05 | 0.05   | 0.13   | < 0.05 |
| Fluorene               | mg/kg | 0.05 | MCERTS    | < 0.05 | < 0.05 | < 0.05 | 0.13   | < 0.05 |
| Phenanthrene           | mg/kg | 0.05 | MCERTS    | 0.12   | < 0.05 | 0.57   | 1.4    | 0.14   |
| Anthracene             | mg/kg | 0.05 | MCERTS    | < 0.05 | < 0.05 | 0.1    | 0.29   | < 0.05 |
| Fluoranthene           | mg/kg | 0.05 | MCERTS    | 0.22   | < 0.05 | 1.3    | 1.9    | 0.34   |
| Pyrene                 | mg/kg | 0.05 | MCERTS    | 0.2    | < 0.05 | 1.2    | 1.7    | 0.3    |
| Benzo(a)anthracene     | mg/kg | 0.05 | MCERTS    | 0.11   | < 0.05 | 0.77   | 0.98   | 0.19   |
| Chrysene               | mg/kg | 0.05 | MCERTS    | 0.15   | < 0.05 | 0.83   | 0.97   | 0.19   |
| Benzo(b)fluoranthene   | mg/kg | 0.05 | ISO 17025 | 0.16   | < 0.05 | 1.1    | 1.2    | 0.25   |
| Benzo(k)fluoranthene   | mg/kg | 0.05 | ISO 17025 | 0.11   | < 0.05 | 0.4    | 0.44   | 0.1    |
| Benzo(a)pyrene         | mg/kg | 0.05 | MCERTS    | 0.14   | < 0.05 | 0.87   | 0.94   | 0.14   |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS    | 0.08   | < 0.05 | 0.42   | 0.49   | 0.1    |
| Dibenz(a,h)anthracene  | mg/kg | 0.05 | MCERTS    | < 0.05 | < 0.05 | < 0.05 | 0.07   | < 0.05 |
| Benzo(ghi)perylene     | mg/kg | 0.05 | MCERTS    | < 0.05 | < 0.05 | 0.45   | 0.53   | 0.12   |
| Coronene               | mg/kg | 0.05 | NONE      | -      | < 0.05 | -      | < 0.05 | -      |

#### Total PAH

|                             |       |      |           |      |        |      |      |      |
|-----------------------------|-------|------|-----------|------|--------|------|------|------|
| Speciated Total EPA-16 PAHs | mg/kg | 0.8  | ISO 17025 | 1.37 | < 0.80 | 8.12 | 11.2 | 1.94 |
| Total WAC-17 PAHs           | mg/kg | 0.85 | NONE      | -    | < 0.85 | -    | 11.2 | -    |

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Project / Site name: Bleakholt, Bury Old Road, Ramsbottom

|                                         |               |                            |                              |               |               |
|-----------------------------------------|---------------|----------------------------|------------------------------|---------------|---------------|
| Lab Sample Number                       | 880227        | 880228                     | 880229                       | 880230        | 880231        |
| Sample Reference                        | THA           | THA                        | THB                          | THC           | THC           |
| 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)                               | 0.15          | 0.80                       | 0.10                         | 0.25          | 0.60          |
| Date Sampled                            | 01/04/2026    | 01/04/2026                 | 01/04/2026                   | 01/04/2026    | 01/04/2026    |
| Time Taken                              | 1330          | 1330                       | 1330                         | 1330          | 1330          |
| Analytical Parameter<br>(Soil Analysis) | Units         | Test Limit of<br>detection | Test Accreditation<br>Status |               |               |

#### Heavy Metals / Metalloids

|                                   |       |     |        |                       |                       |                       |                       |                       |
|-----------------------------------|-------|-----|--------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Arsenic (aqua regia extractable)  | mg/kg | 1   | MCERTS | 12                    | 8.4                   | 14                    | 14                    | 9.1                   |
| Cadmium (aqua regia extractable)  | mg/kg | 0.2 | MCERTS | 0.3                   | < 0.2                 | 0.2                   | 0.4                   | < 0.2                 |
| Chromium (hexavalent)             | mg/kg | 1.8 | MCERTS | U/S <sup>*U/S g</sup> | U/S <sup>*U/S g</sup> | U/S <sup>*U/S g</sup> | U/S <sup>*U/S g</sup> | U/S <sup>*U/S g</sup> |
| Chromium (hexavalent) by IC       | mg/kg | 1.8 | NONE   | < 1.80                | < 1.80                | < 1.80                | < 1.80                | < 1.80                |
| Chromium (aqua regia extractable) | mg/kg | 1   | MCERTS | 19                    | 29                    | 19                    | 23                    | 23                    |
| Copper (aqua regia extractable)   | mg/kg | 1   | MCERTS | 32                    | 26                    | 36                    | 48                    | 28                    |
| Lead (aqua regia extractable)     | mg/kg | 1   | MCERTS | 55                    | 17                    | 140                   | 140                   | 39                    |
| 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 | 12                    | 19                    | 18                    | 21                    | 21                    |
| Selenium (aqua regia extractable) | mg/kg | 1   | MCERTS | < 1.0                 | < 1.0                 | < 1.0                 | < 1.0                 | < 1.0                 |
| Zinc (aqua regia extractable)     | mg/kg | 1   | MCERTS | 75                    | 59                    | 89                    | 180                   | 62                    |

#### Petroleum Hydrocarbons

|                                                          |       |      |        |         |         |         |         |         |
|----------------------------------------------------------|-------|------|--------|---------|---------|---------|---------|---------|
| TPHCWG - Aliphatic >EC5 - EC6 <sub>HS_ID_AL</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 |
| TPHCWG - Aliphatic >EC6 - EC8 <sub>HS_ID_AL</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 |
| TPHCWG - Aliphatic >EC8 - EC10 <sub>HS_ID_AL</sub>       | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 |
| TPHCWG - Aliphatic >EC10 - EC12 <sub>EH_CU_ID_AL</sub>   | mg/kg | 1    | MCERTS | < 1.0   | < 1.0   | < 1.0   | < 1.0   | < 1.0   |
| TPHCWG - Aliphatic >EC12 - EC16 <sub>EH_CU_ID_AL</sub>   | mg/kg | 2    | MCERTS | < 2.0   | < 2.0   | < 2.0   | < 2.0   | 6.2     |
| TPHCWG - Aliphatic >EC16 - EC21 <sub>EH_CU_ID_AL</sub>   | mg/kg | 8    | MCERTS | < 8.0   | < 8.0   | < 8.0   | < 8.0   | 46      |
| TPHCWG - Aliphatic >EC21 - EC35 <sub>EH_CU_ID_AL</sub>   | mg/kg | 8    | MCERTS | < 8.0   | < 8.0   | < 8.0   | < 8.0   | 35      |
| TPHCWG - Aliphatic >EC5 - EC35 <sub>EH_CU+HS_ID_AL</sub> | mg/kg | 10   | NONE   | < 10    | < 10    | < 10    | < 10    | 87      |

|                                                         |       |      |        |         |         |         |         |         |
|---------------------------------------------------------|-------|------|--------|---------|---------|---------|---------|---------|
| TPHCWG - Aromatic >EC5 - EC7 <sub>HS_ID_AR</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 |
| TPHCWG - Aromatic >EC7 - EC8 <sub>HS_ID_AR</sub>        | mg/kg | 0.01 | MCERTS | < 0.010 | < 0.010 | < 0.010 | < 0.010 | < 0.010 |
| TPHCWG - Aromatic >EC8 - EC10 <sub>HS_ID_AR</sub>       | mg/kg | 0.02 | MCERTS | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| TPHCWG - Aromatic >EC10 - EC12 <sub>EH_CU_ID_AR</sub>   | mg/kg | 1    | MCERTS | < 1.0   | < 1.0   | < 1.0   | < 1.0   | < 1.0   |
| TPHCWG - Aromatic >EC12 - EC16 <sub>EH_CU_ID_AR</sub>   | mg/kg | 2    | MCERTS | < 2.0   | < 2.0   | < 2.0   | < 2.0   | < 2.0   |
| TPHCWG - Aromatic >EC16 - EC21 <sub>EH_CU_ID_AR</sub>   | mg/kg | 10   | MCERTS | < 10    | < 10    | < 10    | < 10    | 17      |
| TPHCWG - Aromatic >EC21 - EC35 <sub>EH_CU_ID_AR</sub>   | mg/kg | 10   | MCERTS | 17      | < 10    | 16      | 27      | 13      |
| TPHCWG - Aromatic >EC5 - EC35 <sub>EH_CU+HS_ID_AR</sub> | mg/kg | 10   | NONE   | 17      | < 10    | 16      | 27      | 30      |

|                                                  |       |    |      |   |      |   |      |   |
|--------------------------------------------------|-------|----|------|---|------|---|------|---|
| Mineral Oil (EC10 - EC40) <sub>EH_CU_ID_AL</sub> | mg/kg | 10 | NONE | - | < 10 | - | < 10 | - |
|--------------------------------------------------|-------|----|------|---|------|---|------|---|

#### VOCs

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

|            |       |    |        |   |      |   |      |   |
|------------|-------|----|--------|---|------|---|------|---|
| Total BTEX | µg/kg | 10 | MCERTS | - | < 10 | - | < 10 | - |
|------------|-------|----|--------|---|------|---|------|---|

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|                                         |               |                            |                              |               |               |
|-----------------------------------------|---------------|----------------------------|------------------------------|---------------|---------------|
| Lab Sample Number                       | 880227        | 880228                     | 880229                       | 880230        | 880231        |
| Sample Reference                        | THA           | THA                        | THB                          | THC           | THC           |
| 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)                               | 0.15          | 0.80                       | 0.10                         | 0.25          | 0.60          |
| Date Sampled                            | 01/04/2026    | 01/04/2026                 | 01/04/2026                   | 01/04/2026    | 01/04/2026    |
| Time Taken                              | 1330          | 1330                       | 1330                         | 1330          | 1330          |
| Analytical Parameter<br>(Soil Analysis) | Units         | Test Limit of<br>detection | Test Accreditation<br>Status |               |               |

#### PCBs by GC-MS

|                  |       |       |        |   |         |   |         |   |
|------------------|-------|-------|--------|---|---------|---|---------|---|
| PCB Congener 28  | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | < 0.001 | - |
| PCB Congener 52  | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | < 0.001 | - |
| PCB Congener 101 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | < 0.001 | - |
| PCB Congener 118 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | < 0.001 | - |
| PCB Congener 138 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | < 0.001 | - |
| PCB Congener 153 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | < 0.001 | - |
| PCB Congener 180 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | < 0.001 | - |
| Total PCBs       | mg/kg | 0.007 | MCERTS | - | < 0.007 | - | < 0.007 | - |

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

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Project / Site name: Bleakholt, Bury Old Road, Ramsbottom

|                                             |               |                              |
|---------------------------------------------|---------------|------------------------------|
| Lab Sample Number                           | 880228        | 880230                       |
| Sample Reference                            | THA           | THC                          |
| Sample Number                               | None Supplied | None Supplied                |
| Water Matrix                                | N/A           | N/A                          |
| Depth (m)                                   | 0.80          | 0.25                         |
| Date Sampled                                | 01/04/2026    | 01/04/2026                   |
| Time Taken                                  | 1330          | 1330                         |
| Analytical Parameter<br>(Leachate Analysis) | Units         | Test Limit of<br>detection   |
|                                             |               | Test Accreditation<br>Status |

#### 10:1 WAC Leachate

|                          |      |         |           |            |            |
|--------------------------|------|---------|-----------|------------|------------|
| Arsenic                  | mg/l | 0.001   | ISO 17025 | < 0.00100  | < 0.00100  |
| Barium                   | mg/l | 0.00005 | ISO 17025 | 0.0104     | 0.00734    |
| Cadmium                  | mg/l | 0.0001  | ISO 17025 | < 0.000100 | < 0.000100 |
| Chromium                 | mg/l | 0.0004  | ISO 17025 | 0.0011     | 0.00065    |
| Copper                   | mg/l | 0.0007  | ISO 17025 | 0.00088    | 0.0029     |
| Mercury                  | mg/l | 0.0005  | ISO 17025 | < 0.000500 | < 0.000500 |
| Molybdenum               | mg/l | 0.0004  | ISO 17025 | < 0.000400 | < 0.000400 |
| Nickel                   | mg/l | 0.0003  | ISO 17025 | 0.00073    | 0.00088    |
| Lead                     | mg/l | 0.001   | ISO 17025 | < 0.0010   | < 0.0010   |
| Antimony                 | mg/l | 0.0017  | ISO 17025 | 0.0053     | < 0.0017   |
| Selenium                 | mg/l | 0.004   | ISO 17025 | < 0.0040   | < 0.0040   |
| Zinc                     | mg/l | 0.0004  | ISO 17025 | 0.0058     | 0.0033     |
| Chloride                 | mg/l | 0.15    | ISO 17025 | 1.8        | 1.4        |
| Fluoride                 | mg/l | 0.05    | ISO 17025 | < 0.050    | 0.2        |
| Sulphate                 | mg/l | 0.045   | ISO 17025 | 7.6        | 2.4        |
| Total dissolved solids   | mg/l | 6       | ISO 17025 | 37         | 23         |
| Total monohydric phenols | mg/l | 0.01    | ISO 17025 | < 0.010    | < 0.010    |
| Dissolved organic carbon | mg/l | 0.1     | NONE      | 5.13       | 7.03       |

#### 10:1 WAC Leachate

|                          |       |        |      |           |           |
|--------------------------|-------|--------|------|-----------|-----------|
| Arsenic                  | mg/kg | 0.01   | NONE | < 0.0100  | < 0.0100  |
| Barium                   | mg/kg | 0.0005 | NONE | 0.104     | 0.0734    |
| Cadmium                  | mg/kg | 0.001  | NONE | < 0.00100 | < 0.00100 |
| Chromium                 | mg/kg | 0.004  | NONE | 0.011     | 0.0065    |
| Copper                   | mg/kg | 0.007  | NONE | 0.0088    | 0.029     |
| Mercury                  | mg/kg | 0.005  | NONE | < 0.00500 | < 0.00500 |
| Molybdenum               | mg/kg | 0.004  | NONE | < 0.00400 | < 0.00400 |
| Nickel                   | mg/kg | 0.003  | NONE | 0.0073    | 0.0088    |
| Lead                     | mg/kg | 0.01   | NONE | < 0.010   | < 0.010   |
| Antimony                 | mg/kg | 0.017  | NONE | 0.053     | < 0.017   |
| Selenium                 | mg/kg | 0.04   | NONE | < 0.040   | < 0.040   |
| Zinc                     | mg/kg | 0.004  | NONE | 0.058     | 0.033     |
| Chloride                 | mg/kg | 1.5    | NONE | 18        | 14        |
| Fluoride                 | mg/kg | 0.5    | NONE | < 0.50    | 2         |
| Sulphate                 | mg/kg | 0.45   | NONE | 76        | 24        |
| Total dissolved solids   | mg/kg | 60     | NONE | 370       | 230       |
| Total monohydric phenols | mg/kg | 0.1    | NONE | < 0.10    | < 0.10    |
| Dissolved organic carbon | mg/kg | 1      | NONE | 51.3      | 70.3      |

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



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### Waste Acceptance Criteria Analytical Results

|                                                                                                                      |                                      |  |           |                                                   |                                                                                |                             |  |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|-----------|---------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------|--|
| Report No:                                                                                                           | 26-017556                            |  |           |                                                   |                                                                                |                             |  |
|                                                                                                                      |                                      |  |           |                                                   |                                                                                |                             |  |
|                                                                                                                      |                                      |  |           |                                                   |                                                                                |                             |  |
|                                                                                                                      |                                      |  |           | Client:                                           | Worms Eye Limited                                                              |                             |  |
| Location                                                                                                             | Bleakholt, Bury Old Road, Ramsbottom |  |           |                                                   |                                                                                |                             |  |
| Lab Reference (Sample Number)                                                                                        | 880228                               |  |           | Landfill Waste Acceptance Criteria                |                                                                                |                             |  |
| Sampling Date                                                                                                        | 01/04/2026                           |  |           | Inert Waste<br>Landfill                           | Limits                                                                         |                             |  |
| Sample ID                                                                                                            | THA                                  |  |           |                                                   | Stable Non-<br>reactive<br>HAZARDOUS<br>waste in non-<br>hazardous<br>Landfill | Hazardous<br>Waste Landfill |  |
| Depth (m)                                                                                                            | 0.80                                 |  |           |                                                   |                                                                                |                             |  |
| Solid Waste Analysis                                                                                                 |                                      |  |           |                                                   |                                                                                |                             |  |
| TOC (%)**                                                                                                            | 0.9                                  |  |           | 3%                                                | 5%                                                                             | 6%                          |  |
| Loss on Ignition (%) **                                                                                              | 4.4                                  |  |           | --                                                | --                                                                             | 10%                         |  |
| BTEX (µg/kg) **                                                                                                      | < 10                                 |  |           | 6000                                              | --                                                                             | --                          |  |
| Sum of PCBs (mg/kg) **                                                                                               | < 0.007                              |  |           | 1                                                 | --                                                                             | --                          |  |
| Mineral Oil (mg/kg) <sub>EH, 10, CU, AL</sub>                                                                        | < 10                                 |  |           | 500                                               | --                                                                             | --                          |  |
| Total PAH (WAC-17) (mg/kg)                                                                                           | < 0.85                               |  |           | 100                                               | --                                                                             | --                          |  |
| pH (units)**                                                                                                         | 5.7                                  |  |           | --                                                | >6                                                                             | --                          |  |
| Acid Neutralisation Capacity (mmol / kg)                                                                             | -13                                  |  |           | --                                                | To be evaluated                                                                | To be evaluated             |  |
| Eluate Analysis                                                                                                      |                                      |  |           | 10:1                                              | Limit values for compliance leaching test                                      |                             |  |
| (BS EN 12457 - 2 preparation utilising end over end leaching procedure)                                              | mg/l                                 |  |           | mg/kg                                             | using BS EN 12457-2 at L/S 10 l/kg (mg/kg)                                     |                             |  |
| Arsenic *                                                                                                            | < 0.00100                            |  | < 0.0100  | 0.5                                               | 2                                                                              | 25                          |  |
| Barium *                                                                                                             | 0.0104                               |  | 0.104     | 20                                                | 100                                                                            | 300                         |  |
| Cadmium *                                                                                                            | < 0.000100                           |  | < 0.00100 | 0.04                                              | 1                                                                              | 5                           |  |
| Chromium *                                                                                                           | 0.0011                               |  | 0.011     | 0.5                                               | 10                                                                             | 70                          |  |
| Copper *                                                                                                             | 0.00088                              |  | 0.0088    | 2                                                 | 50                                                                             | 100                         |  |
| Mercury *                                                                                                            | < 0.000500                           |  | < 0.00500 | 0.01                                              | 0.2                                                                            | 2                           |  |
| Molybdenum *                                                                                                         | < 0.000400                           |  | < 0.00400 | 0.5                                               | 10                                                                             | 30                          |  |
| Nickel *                                                                                                             | 0.00073                              |  | 0.0073    | 0.4                                               | 10                                                                             | 40                          |  |
| Lead *                                                                                                               | < 0.0010                             |  | < 0.010   | 0.5                                               | 10                                                                             | 50                          |  |
| Antimony *                                                                                                           | 0.0053                               |  | 0.053     | 0.06                                              | 0.7                                                                            | 5                           |  |
| Selenium *                                                                                                           | < 0.0040                             |  | < 0.040   | 0.1                                               | 0.5                                                                            | 7                           |  |
| Zinc *                                                                                                               | 0.0058                               |  | 0.058     | 4                                                 | 50                                                                             | 200                         |  |
| Chloride *                                                                                                           | 1.8                                  |  | 18        | 800                                               | 15000                                                                          | 25000                       |  |
| Fluoride *                                                                                                           | < 0.050                              |  | < 0.50    | 10                                                | 150                                                                            | 500                         |  |
| Sulphate *                                                                                                           | 7.6                                  |  | 76        | 1000                                              | 20000                                                                          | 50000                       |  |
| TDS*                                                                                                                 | 37                                   |  | 370       | 4000                                              | 60000                                                                          | 100000                      |  |
| Phenol Index (Monohydric Phenols) *                                                                                  | < 0.010                              |  | < 0.10    | 1                                                 | -                                                                              | -                           |  |
| DOC                                                                                                                  | 5.13                                 |  | 51.3      | 500                                               | 800                                                                            | 1000                        |  |
| Leach Test Information                                                                                               |                                      |  |           |                                                   |                                                                                |                             |  |
| Stone Content (%)                                                                                                    | < 0.1                                |  |           |                                                   |                                                                                |                             |  |
| Sample Mass (kg)                                                                                                     | 1.3                                  |  |           |                                                   |                                                                                |                             |  |
| Dry Matter (%)                                                                                                       | 77                                   |  |           |                                                   |                                                                                |                             |  |
| Moisture (%)                                                                                                         | 23                                   |  |           |                                                   |                                                                                |                             |  |
| Results are expressed on a dry weight basis, after correction for moisture content where applicable.                 |                                      |  |           | * = UKAS accredited (liquid eluate analysis only) |                                                                                |                             |  |
| Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation |                                      |  |           | ** = MCERTS accredited                            |                                                                                |                             |  |

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3.  
This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.



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| Waste Acceptance Criteria Analytical Results                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |  |  |           |                                            |                                                               |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|--|-----------|--------------------------------------------|---------------------------------------------------------------|--------------------------|
| Report No:                                                                                                                                                                                                                                                                                                                                                                                                                                           | 26-017556                            |  |  |           |                                            |                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |  |  |           |                                            |                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |  |  |           | Client: Worms Eye Limited                  |                                                               |                          |
| Location                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bleakholt, Bury Old Road, Ramsbottom |  |  |           | Landfill Waste Acceptance Criteria         |                                                               |                          |
| Lab Reference (Sample Number)                                                                                                                                                                                                                                                                                                                                                                                                                        | 880230                               |  |  |           |                                            |                                                               |                          |
| Sampling Date                                                                                                                                                                                                                                                                                                                                                                                                                                        | 01/04/2026                           |  |  |           | Inert Waste Landfill                       | Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill | Hazardous Waste Landfill |
| Sample ID                                                                                                                                                                                                                                                                                                                                                                                                                                            | THC                                  |  |  |           |                                            |                                                               |                          |
| Depth (m)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.25                                 |  |  |           |                                            |                                                               |                          |
| Solid Waste Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |  |  |           |                                            |                                                               |                          |
| TOC (%)**                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5.4                                  |  |  |           | 3%                                         | 5%                                                            | 6%                       |
| Loss on Ignition (%) **                                                                                                                                                                                                                                                                                                                                                                                                                              | 11                                   |  |  |           | --                                         | --                                                            | 10%                      |
| BTEX (µg/kg) **                                                                                                                                                                                                                                                                                                                                                                                                                                      | < 10                                 |  |  |           | 6000                                       | --                                                            | --                       |
| Sum of PCBs (mg/kg) **                                                                                                                                                                                                                                                                                                                                                                                                                               | < 0.007                              |  |  |           | 1                                          | --                                                            | --                       |
| Mineral Oil (mg/kg) EH_10_CU_AL                                                                                                                                                                                                                                                                                                                                                                                                                      | < 10                                 |  |  |           | 500                                        | --                                                            | --                       |
| Total PAH (WAC-17) (mg/kg)                                                                                                                                                                                                                                                                                                                                                                                                                           | 11.2                                 |  |  |           | 100                                        | --                                                            | --                       |
| pH (units)**                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7.1                                  |  |  |           | --                                         | >6                                                            | --                       |
| Acid Neutralisation Capacity (mmol / kg)                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                    |  |  |           | --                                         | To be evaluated                                               | To be evaluated          |
| Eluate Analysis<br>(BS EN 12457 - 2 preparation utilising end over end leaching procedure)                                                                                                                                                                                                                                                                                                                                                           | 10:1                                 |  |  | 10:1      | Limit values for compliance leaching test  |                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      | mg/l                                 |  |  | mg/kg     | using BS EN 12457-2 at L/S 10 l/kg (mg/kg) |                                                               |                          |
| Arsenic *                                                                                                                                                                                                                                                                                                                                                                                                                                            | < 0.00100                            |  |  | < 0.0100  | 0.5                                        | 2                                                             | 25                       |
| Barium *                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.00734                              |  |  | 0.0734    | 20                                         | 100                                                           | 300                      |
| Cadmium *                                                                                                                                                                                                                                                                                                                                                                                                                                            | < 0.000100                           |  |  | < 0.00100 | 0.04                                       | 1                                                             | 5                        |
| Chromium *                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.00065                              |  |  | 0.0065    | 0.5                                        | 10                                                            | 70                       |
| Copper *                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.0029                               |  |  | 0.029     | 2                                          | 50                                                            | 100                      |
| Mercury *                                                                                                                                                                                                                                                                                                                                                                                                                                            | < 0.000500                           |  |  | < 0.00500 | 0.01                                       | 0.2                                                           | 2                        |
| Molybdenum *                                                                                                                                                                                                                                                                                                                                                                                                                                         | < 0.000400                           |  |  | < 0.00400 | 0.5                                        | 10                                                            | 30                       |
| Nickel *                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.00088                              |  |  | 0.0088    | 0.4                                        | 10                                                            | 40                       |
| Lead *                                                                                                                                                                                                                                                                                                                                                                                                                                               | < 0.0010                             |  |  | < 0.010   | 0.5                                        | 10                                                            | 50                       |
| Antimony *                                                                                                                                                                                                                                                                                                                                                                                                                                           | < 0.0017                             |  |  | < 0.017   | 0.06                                       | 0.7                                                           | 5                        |
| Selenium *                                                                                                                                                                                                                                                                                                                                                                                                                                           | < 0.0040                             |  |  | < 0.040   | 0.1                                        | 0.5                                                           | 7                        |
| Zinc *                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.0033                               |  |  | 0.033     | 4                                          | 50                                                            | 200                      |
| Chloride *                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.4                                  |  |  | 14        | 800                                        | 15000                                                         | 25000                    |
| Fluoride*                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.2                                  |  |  | 2         | 10                                         | 150                                                           | 500                      |
| Sulphate *                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.4                                  |  |  | 24        | 1000                                       | 20000                                                         | 50000                    |
| TDS*                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 23                                   |  |  | 230       | 4000                                       | 60000                                                         | 100000                   |
| Phenol Index (Monohydric Phenols) *                                                                                                                                                                                                                                                                                                                                                                                                                  | < 0.010                              |  |  | < 0.10    | 1                                          | -                                                             | -                        |
| DOC                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7.03                                 |  |  | 70.3      | 500                                        | 800                                                           | 1000                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |  |  |           |                                            |                                                               |                          |
| Leach Test Information                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |  |  |           |                                            |                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |  |  |           |                                            |                                                               |                          |
| Stone Content (%)                                                                                                                                                                                                                                                                                                                                                                                                                                    | < 0.1                                |  |  |           |                                            |                                                               |                          |
| Sample Mass (kg)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.3                                  |  |  |           |                                            |                                                               |                          |
| Dry Matter (%)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 68                                   |  |  |           |                                            |                                                               |                          |
| Moisture (%)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32                                   |  |  |           |                                            |                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |  |  |           |                                            |                                                               |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |  |  |           |                                            |                                                               |                          |
| Results are expressed on a dry weight basis, after correction for moisture content where applicable.                                                                                                                                                                                                                                                                                                                                                 |                                      |  |  |           |                                            |                                                               |                          |
| Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation                                                                                                                                                                                                                                                                                                                                 |                                      |  |  |           |                                            |                                                               |                          |
| ** = MCERTS accredited                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |  |  |           |                                            |                                                               |                          |
| Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3.<br>This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous. |                                      |  |  |           |                                            |                                                               |                          |

**Analytical Report Number : 26-017556**

**Project / Site name: Bleakholt, Bury Old Road, Ramsbottom**

\* 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 *                           |
|-------------------|------------------|---------------|-----------|------------------------------------------------|
| 880227            | THA              | None Supplied | 0.15      | Brown loam and clay with gravel and vegetation |
| 880228            | THA              | None Supplied | 0.8       | Brown clay and sand with gravel                |
| 880229            | THB              | None Supplied | 0.1       | Brown loam and clay with gravel and vegetation |
| 880230            | THC              | None Supplied | 0.25      | Brown loam and clay with gravel and vegetation |
| 880231            | THC              | None Supplied | 0.6       | Brown clay and sand with gravel and vegetation |

**Analytical Report Number : 26-017556**

**Project / Site name: Bleakholt, Bury Old Road, Ramsbottom**

**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               |
| Sulphide in soil                                                                           | Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode | In-house method                                                                                        | L010-PL       | D                  | MCERTS               |
| 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                 |
| 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               |
| 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               |
| Hexavalent chromium in soil by Ion Chromatography                                          | Determination of hexavalent chromium in alkaline soil extract by use of ion chromatography with spectrophotometric detection                                          | In-house method                                                                                        | L130B         | W                  | 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               |
| 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                 |
| Hexavalent chromium in soil                                                                | Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry                                      | In-house method                                                                                        | L080-PL       | W                  | MCERTS               |
| Monohydric phenols in soil                                                                 | Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry                                                 | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L080-PL       | W                  | MCERTS               |
| Total cyanide in soil                                                                      | Determination of total cyanide by distillation followed by colorimetry                                                                                                | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L080-PL       | W                  | MCERTS               |

**Analytical Report Number : 26-017556**

**Project / Site name: Bleakholt, Bury Old Road, Ramsbottom**

**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 |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------|--------------------|----------------------|
| Thiocyanate in soil                                                  | Determination of thiocyanate in soil by extraction in water followed by acidification followed by addition of ferric nitrate followed by discrete analyser (spectrophotometer) | In-house method                                                                                        | L082B         | D                  | 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               |
| 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                 |
| pH at 20°C in soil                                                   | Determination of pH in soil by addition of water followed by electrometric measurement                                                                                         | In-house method                                                                                        | L005B         | W                  | MCERTS               |
| PCB's By GC-MS in soil                                               | Determination of PCB by extraction with hexane followed by GC-MS                                                                                                               | In-house method based on USEPA 8082                                                                    | L027B         | D                  | MCERTS               |
| Total dissolved solids 10:1 WAC                                      | Determination of total dissolved solids in water by electrometric measurement                                                                                                  | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L031B         | W                  | ISO 17025            |
| Fluoride 10:1 WAC                                                    | Determination of fluoride in leachate by 1:1ratio with a buffer solution followed by Ion Selective Electrode                                                                   | In-house method based on Use of Total Ionic Strength Adjustment Buffer for Electrode Determination     | L033B         | W                  | ISO 17025            |
| Dissolved organic carbon 10:1 WAC                                    | Determination of dissolved organic carbon in leachate by TOC/DOC NDIR Analyser                                                                                                 | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L037B         | W                  | NONE                 |
| Metals in leachate by ICP-OES                                        | Determination of metals in leachate by acidification followed by ICP-OES                                                                                                       | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil                    | L039B         | W                  | ISO 17025            |
| One stage WAC 10:1 leachate preparation                              | One stage batch test at a liquid to solid ratio of 10 L/kg                                                                                                                     | BS EN 12457-2-2002                                                                                     | L043B         | W                  | ISO 17025            |
| Acid neutralisation capacity of soil                                 | Determination of acid neutralisation capacity by addition of acid or alkali followed by electronic probe                                                                       | In-house method based on Guidance an Sampling and Testing of Wastes to Meet Landfill Waste Acceptance  | L046B         | W                  | NONE                 |
| Loss on ignition of soil @ 450°C                                     | Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace                                                                 | In-house method                                                                                        | L047-PL       | D                  | MCERTS               |
| Total petroleum hydrocarbons by GC-FID in soil                       | Determination of total petroleum hydrocarbons in soil by GC-FID                                                                                                                | In-house method                                                                                        | L076B         | D                  | NONE                 |
| Monohydric phenols 10:1 WAC                                          | Determination of phenols in leachate by distillation followed by colorimetry                                                                                                   | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L080-PL       | W                  | ISO 17025            |

**Analytical Report Number : 26-017556**

**Project / Site name: Bleakholt, Bury Old Road, Ramsbottom**

**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 |
|----------------------|-----------------------------------------------------------------|------------------------------------------------|---------------|--------------------|----------------------|
| Chloride 10:1 WAC    | Determination of Chloride colorimetrically by discrete analyser | In-house based on MEWAM Method ISBN 0117516260 | L082B         | W                  | ISO 17025            |

**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

\*U/S g- Unsuitable for analysis due to high colour intensity.

**Analytical Report Number : 26-017556**

**Project / Site name: Bleakholt, Bury Old Road, Ramsbottom**

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 |
|-----------|----------|-------------|-------------------|------------------|-----------------------------------------|----------|----------------|
| THA       | N/A      | L           | 880228            | bc               | One stage WAC 10:1 leachate preparation | L043B    | b              |
| THA       | N/A      | L           | 880228            | bc               | WAC Leachate 10:1                       | L043B    | b              |
| THA       | N/A      | S           | 880227            | c                | Sulphide in soil                        | L010-PL  | c              |
| THA       | N/A      | S           | 880228            | bc               | Sulphide in soil                        | L010-PL  | c              |
| THB       | N/A      | S           | 880229            | c                | Sulphide in soil                        | L010-PL  | c              |
| THC       | N/A      | L           | 880230            | bc               | One stage WAC 10:1 leachate preparation | L043B    | b              |
| THC       | N/A      | L           | 880230            | bc               | WAC Leachate 10:1                       | L043B    | b              |
| THC       | N/A      | S           | 880230            | bc               | Sulphide in soil                        | L010-PL  | c              |
| THC       | N/A      | S           | 880231            | c                | Sulphide in soil                        | L010-PL  | c              |

**BLEAKHOLT ANIMAL SANCTUARY, BURY OLD ROAD, RAMSBOTTOM, BL0 0RX**

**Comparison of Contamination Test Results with Various Thresholds**

**RESIDENTIAL WITH HOMEGROWN VEGETABLES**

**Hydrocarbons at 1% SOM**

| Contaminant             | Max Value     | Threshold | Pass/<br>Fail | SSAC | Pass/ Fail | Failed Samples |
|-------------------------|---------------|-----------|---------------|------|------------|----------------|
| <b>HEAVY METALS</b>     |               |           |               |      |            |                |
| - Arsenic               | 14            | 37*       | ✓             |      |            |                |
| - Cadmium               | 0.4           | 11*       | ✓             |      |            |                |
| - Chromium III          | 29            | 910*      | ✓             |      |            |                |
| - Chromium VI           | <1.8          | 6*        | ✓             |      |            |                |
| - Copper                | 48            | 2400*     | ✓             |      |            |                |
| - Lead                  | 140           | 200▲      | ✓             |      |            |                |
| - Inorganic Mercury     | <0.3          | 40*       | ✓             |      |            |                |
| - Methyl Mercury        | <0.3          | 11*       |               |      |            |                |
| - Nickel                | 21            | 180*      | ✓             |      |            |                |
| - Selenium              | <1.0          | 350#      | ✓             |      |            |                |
| - Zinc                  | 180           | 3700*     | ✓             |      |            |                |
| <b>OTHER INORGANICS</b> |               |           |               |      |            |                |
| - Asbestos              | None detected | -         | ✓             |      |            |                |
| - Cyanide (total)       | <1.0          | 20 (D)    | ✓             |      |            |                |
| - pH range              | 4.8 – 7.5     | -         | -             |      |            |                |
| - Sulphate (g/l)        | 1.69          | 0.5 (B)   | X             |      |            | THC – 0.25m    |
| - Sulphide              | 41            | 250 (E)   | ✓             |      |            |                |
| - Thiocyanate           | 7.2           | -         | ✓             |      |            |                |
| -TOC range (%)          | 0.9 – 5.4     | -         | -             |      |            |                |

All units mg/kg (parts per million/ppm) unless shown otherwise

Metals & inorganic values derived using 6% SOM (soil organic mater)

Sources

# - Soil Guideline Values      ▲ - C4SL

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(D) – Dutch      (B) - BRE – Building Research Establishment      (E) - EA Disposal Threshold 2002

® - CLEA 1.06 Software

SSAC – Site Specific Assessment Criteria (derived with CLEA 1.06 software)

**BLEAKHOLT ANIMAL SANCTUARY, BURY OLD ROAD, RAMSBOTTOM, BL0 0RX**

**Comparison of Contamination Test Results with Various Thresholds**

**RESIDENTIAL WITH HOMEGROWN VEGETABLES**

**Hydrocarbons at 1% SOM**

| Contaminant                   | Max Value | Threshold | Pass/Fail | SSAC | Pass/Fail | Failed Samples |
|-------------------------------|-----------|-----------|-----------|------|-----------|----------------|
| <b>PAHs</b>                   |           |           |           |      |           |                |
| - Acenaphthene                | 0.13      | 210*      | ✓         |      |           |                |
| - Acenaphthylene              | <0.05     | 170*      | ✓         |      |           |                |
| - Anthracene                  | 0.29      | 2400*     | ✓         |      |           |                |
| - Benz(a)anthracene           | 0.98      | 7.2*      | ✓         |      |           |                |
| - Benzo(a)pyrene (BAP)*       | 0.94      | 2.2*      | ✓         |      |           |                |
| - Benzo(b)fluoranthene        | 1.2       | 2.6*      | ✓         |      |           |                |
| - Benzo(ghi)perylene          | 0.53      | 320*      | ✓         |      |           |                |
| - Benzo(k)fluoranthene        | 0.44      | 77*       | ✓         |      |           |                |
| - Chrysene                    | 0.97      | 15*       | ✓         |      |           |                |
| - Dibenzo(ah)anthracene (DBA) | 0.07      | 0.24*     | ✓         |      |           |                |
| - Fluoranthene                | 1.9       | 280*      | ✓         |      |           |                |
| - Fluorene                    | 0.13      | 170*      | ✓         |      |           |                |
| - Indene (123-cd) pyrene      | 0.49      | 27*       | ✓         |      |           |                |
| - Naphthalene                 | 0.16      | 2.3*      | ✓         |      |           |                |
| - Phenanthrene                | 1.4       | 95*       | ✓         |      |           |                |
| - Pyrene                      | 1.7       | 620*      | ✓         |      |           |                |
| <b>OTHER COMPOUNDS</b>        |           |           |           |      |           |                |
| Phenols                       | <1.0      | 280*      | ✓         |      |           |                |

All units mg/kg (parts per million/ppm) unless shown otherwise

Hydrocarbon values derived using 1% SOM

BAP is a marker for genotoxic PAHs

Sources

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SSAC – Site Specific Assessment Criteria (derived with CLEA 1.06 software)

**BLEAKHOLT ANIMAL SANCTUARY, BURY OLD ROAD, RAMSBOTTOM, BL0 0RX**

**Comparison of Contamination Test Results with Various Thresholds**

**RESIDENTIAL WITH HOMEGROWN VEGETABLES**

**Hydrocarbons at 1% SOM**

| Contaminant                       | Max Value | Threshold         | Pass/Fail | SSAC | Pass/Fail | Failed Samples |
|-----------------------------------|-----------|-------------------|-----------|------|-----------|----------------|
| <b>BTEX COMPOUNDS</b>             |           |                   |           |      |           |                |
| - Benzene                         | <0.005    | 0.087*            | ✓         |      |           |                |
| - Toluene                         | <0.005    | 130*              | ✓         |      |           |                |
| - Ethyl-benzene                   | <0.005    | 47*               | ✓         |      |           |                |
| - Xylene - O                      | <0.005    | 60*               | ✓         |      |           |                |
| - M/P                             | <0.008    | 56*               | ✓         |      |           |                |
| <b>TPHs</b>                       |           |                   |           |      |           |                |
| <b>Aliphatics</b>                 |           |                   |           |      |           |                |
| C <sub>5</sub> – C <sub>6</sub>   | <0.01     | 42*               | ✓         |      |           |                |
| C <sub>6</sub> – C <sub>8</sub>   | <0.01     | 100*              | ✓         |      |           |                |
| C <sub>8</sub> – C <sub>10</sub>  | <0.01     | 27*               | ✓         |      |           |                |
| C <sub>10</sub> – C <sub>12</sub> | <1.0      | 130 (48 vap)*     | ✓         |      |           |                |
| C <sub>12</sub> – C <sub>16</sub> | 6.2       | 1100 (24 sol)*    | ✓         |      |           |                |
| C <sub>16</sub> – C <sub>35</sub> | 81        | 65000 (8.48 sol)* | ✓         |      |           |                |
| <b>Aromatics</b>                  |           |                   |           |      |           |                |
| C <sub>5</sub> – C <sub>7</sub>   | <0.01     | 70*               | ✓         |      |           |                |
| C <sub>7</sub> – C <sub>8</sub>   | <0.01     | 130*              | ✓         |      |           |                |
| C <sub>8</sub> – C <sub>10</sub>  | <0.02     | 34*               | ✓         |      |           |                |
| C <sub>10</sub> – C <sub>12</sub> | <1.0      | 74*               | ✓         |      |           |                |
| C <sub>12</sub> – C <sub>16</sub> | <2.0      | 140*              |           |      |           |                |
| C <sub>16</sub> – C <sub>21</sub> | 17        | 260*              | ✓         |      |           |                |
| C <sub>21</sub> – C <sub>35</sub> | 27        | 1100*             | ✓         |      |           |                |

All units mg/kg (parts per million/ppm) unless shown otherwise

Hydrocarbon values derived using 1% SOM

Vap – vapour saturation limit    Soil – solubility saturation limit

**Sources**

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(H) – Hazardous Waste

® - CLEA 1.06 Software

SSAC – Site Specific Assessment Criteria (derived with CLEA 1.06 software)

## 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)



KKVGI-VD5E7-11V5T

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

Bleakholt Animal Sanctuary, Bury Old Road, Ramsbottom, BL0 0RX

### Description/Comments

### Project

Bleakholt Animal Sanctuary, Bury Old Road, Ramsbottom, BL0 0RX

### Site

Bleakholt Animal Sanctuary, Bury Old Road, Ramsbottom, BL0 0RX

### Classified by

Name:  
**David Lord**  
Date:  
**29 Apr 2026 10:47 GMT**  
Telephone:  
**01282 414649**

Company:  
**Worms Eye Ltd**  
**1st Floor Block C, The Wharf**  
**Manchester Road**  
**Burnley**  
**BB11 1JG**

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

Bleakholt Animal Sanctuary, Bury Old Road, Ramsbottom

Post Code BL0 0RX

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

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

Redevelopment of site.

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

Excavated soil.

### Description of the waste

Excavated soil.

### Job summary

| # | Sample name | Depth [m] | Classification Result | Hazard properties | Page |
|---|-------------|-----------|-----------------------|-------------------|------|
| 1 | THA - 0.15m | 0.15      | Non Hazardous         |                   | 3    |
| 2 | THA - 0.80m | 0.80      | Non Hazardous         |                   | 6    |
| 3 | THB - 0.10m | 0.10      | Non Hazardous         |                   | 9    |
| 4 | THC - 0.25m | 0.25      | Non Hazardous         |                   | 12   |
| 5 | THC - 0.60m | 0.60      | Non Hazardous         |                   | 15   |

### Related documents

| # | Name         | Description                                   |
|---|--------------|-----------------------------------------------|
| 1 | Worms Eye v3 | waste stream template used to create this Job |

### Report

Created by: David Lord

Created date: 29 Apr 2026 10:47 GMT

| Appendices                                                                 | Page |
|----------------------------------------------------------------------------|------|
| <a href="#">Appendix A: Classifier defined and non GB MCL determinands</a> | 18   |
| <a href="#">Appendix B: Rationale for selection of metal species</a>       | 19   |
| <a href="#">Appendix C: Version</a>                                        | 20   |

Classification of sample: THA - 0.15m

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

### Sample details

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Sample name:       | LoW Code:                                                                                 |
| <b>THA - 0.15m</b> | Chapter:                                                                                  |
| Sample Depth:      | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.15 m</b>      | Entry:                                                                                    |
| Moisture content:  | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>29%</b>         |                                                                                           |
| (no correction)    |                                                                                           |

### Hazard properties

None identified

### Determinands

Moisture content: 29% No 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  | arsenic { arsenic trioxide }                                                                                                                                                           |                                |                                  |          | 12 mg/kg          | 1.32         | 15.844 mg/kg   | 0.00158 %    |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4                      | 1327-53-3                        |          |                   |              |                |              |                      |            |                |
| 2  | cadmium { cadmium sulfide }                                                                                                                                                            |                                |                                  | 1        | 0.3 mg/kg         | 1.285        | 0.386 mg/kg    | 0.00003 %    |                      |            |                |
|    | 048-010-00-4                                                                                                                                                                           | 215-147-8                      | 1306-23-6                        |          |                   |              |                |              |                      |            |                |
| 3  | chromium in Cr(III) compounds { chromium(III) oxide (worst case) }                                                                                                                     |                                |                                  |          | 19 mg/kg          | 1.462        | 27.77 mg/kg    | 0.00278 %    |                      |            |                |
|    |                                                                                                                                                                                        | 215-160-9                      | 1308-38-9                        |          |                   |              |                |              |                      |            |                |
| 4  | chromium in Cr(VI) compounds { chromium(VI) oxide }                                                                                                                                    |                                |                                  |          | <1.8 mg/kg        | 1.923        | <3.462 mg/kg   | <0.000346 %  |                      |            | <LOD           |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8                      | 1333-82-0                        |          |                   |              |                |              |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |                                |                                  |          | 32 mg/kg          | 1.126        | 36.028 mg/kg   | 0.0036 %     |                      |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7                      | 1317-39-1                        |          |                   |              |                |              |                      |            |                |
| 6  | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |                                |                                  |          | <1 mg/kg          | 1.884        | <1.884 mg/kg   | <0.000188 %  |                      |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |                                |                                  |          |                   |              |                |              |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |                                |                                  | 1        | 55 mg/kg          | 1.56         | 85.79 mg/kg    | 0.0055 %     |                      |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0                      | 7758-97-6                        |          |                   |              |                |              |                      |            |                |
| 8  | 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                        |          |                   |              |                |              |                      |            |                |
| 9  | nickel { nickel dihydroxide }                                                                                                                                                          |                                |                                  |          | 12 mg/kg          | 1.579        | 18.954 mg/kg   | 0.0019 %     |                      |            |                |
|    | 028-008-00-X                                                                                                                                                                           | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] |          |                   |              |                |              |                      |            |                |
| 10 | pH                                                                                                                                                                                     |                                |                                  |          | 6.9 pH            |              | 6.9 pH         | 6.9 pH       |                      |            |                |
|    |                                                                                                                                                                                        |                                | PH                               |          |                   |              |                |              |                      |            |                |
| 11 | phenol                                                                                                                                                                                 |                                |                                  |          | <1 mg/kg          |              | <1 mg/kg       | <0.0001 %    |                      |            | <LOD           |
|    | 604-001-00-2                                                                                                                                                                           | 203-632-7                      | 108-95-2                         |          |                   |              |                |              |                      |            |                |
| 12 | selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }                                                                |                                |                                  |          | <1 mg/kg          | 1.405        | <1.405 mg/kg   | <0.000141 %  |                      |            | <LOD           |
|    | 034-002-00-8                                                                                                                                                                           |                                |                                  |          |                   |              |                |              |                      |            |                |
| 13 | zinc { zinc oxide }                                                                                                                                                                    |                                |                                  |          | 75 mg/kg          | 1.245        | 93.354 mg/kg   | 0.00934 %    |                      |            |                |
|    | 030-013-00-7                                                                                                                                                                           | 215-222-5                      | 1314-13-2                        |          |                   |              |                |              |                      |            |                |
| 14 | benzene                                                                                                                                                                                |                                |                                  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 % |                      |            | <LOD           |
|    | 601-020-00-8                                                                                                                                                                           | 200-753-7                      | 71-43-2                          |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                      |                                                                  |                                                                                                 | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                              | EC Number                                                        | CAS Number                                                                                      |          |                                     |              |                |                      |            |                |
| 15     | toluene                                          |                                                                  |                                                                                                 |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-021-00-3                                     | 203-625-9                                                        | 108-88-3                                                                                        |          |                                     |              |                |                      |            |                |
| 16     | ethylbenzene                                     |                                                                  |                                                                                                 |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-023-00-4                                     | 202-849-4                                                        | 100-41-4                                                                                        |          |                                     |              |                |                      |            |                |
| 17     | 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]                                    |          |                                     |              |                |                      |            |                |
| 18     | TPH (C6 to C40) petroleum group                  |                                                                  |                                                                                                 |          | 27 mg/kg                            |              | 27 mg/kg       | 0.0027 %             |            |                |
|        |                                                  |                                                                  | TPH                                                                                             |          |                                     |              |                |                      |            |                |
| 19     | confirm TPH has NOT arisen from diesel or petrol |                                                                  |                                                                                                 |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
|        |                                                  |                                                                  | TPH_CONFIRM                                                                                     |          |                                     |              |                |                      |            |                |
| 20     | acenaphthene                                     |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 201-469-6                                                        | 83-32-9                                                                                         |          |                                     |              |                |                      |            |                |
| 21     | acenaphthylene                                   |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-917-1                                                        | 208-96-8                                                                                        |          |                                     |              |                |                      |            |                |
| 22     | anthracene                                       |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 204-371-1                                                        | 120-12-7                                                                                        |          |                                     |              |                |                      |            |                |
| 23     | benzo[a]anthracene                               |                                                                  |                                                                                                 |          | 0.11 mg/kg                          |              | 0.11 mg/kg     | 0.000011 %           |            |                |
|        | 601-033-00-9                                     | 200-280-6                                                        | 56-55-3                                                                                         |          |                                     |              |                |                      |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene               |                                                                  |                                                                                                 |          | 0.14 mg/kg                          |              | 0.14 mg/kg     | 0.000014 %           |            |                |
|        | 601-032-00-3                                     | 200-028-5                                                        | 50-32-8                                                                                         |          |                                     |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                             |                                                                  |                                                                                                 |          | 0.16 mg/kg                          |              | 0.16 mg/kg     | 0.000016 %           |            |                |
|        | 601-034-00-4                                     | 205-911-9                                                        | 205-99-2                                                                                        |          |                                     |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                             |                                                                  |                                                                                                 |          | 0.11 mg/kg                          |              | 0.11 mg/kg     | 0.000011 %           |            |                |
|        | 601-036-00-5                                     | 205-916-6                                                        | 207-08-9                                                                                        |          |                                     |              |                |                      |            |                |
| 27     | benzo[ghi]perylene                               |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-883-8                                                        | 191-24-2                                                                                        |          |                                     |              |                |                      |            |                |
| 28     | chrysene                                         |                                                                  |                                                                                                 |          | 0.15 mg/kg                          |              | 0.15 mg/kg     | 0.000015 %           |            |                |
|        | 601-048-00-0                                     | 205-923-4                                                        | 218-01-9                                                                                        |          |                                     |              |                |                      |            |                |
| 29     | 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                                                                                         |          |                                     |              |                |                      |            |                |
| 30     | fluoranthene                                     |                                                                  |                                                                                                 |          | 0.22 mg/kg                          |              | 0.22 mg/kg     | 0.000022 %           |            |                |
|        |                                                  | 205-912-4                                                        | 206-44-0                                                                                        |          |                                     |              |                |                      |            |                |
| 31     | fluorene                                         |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 201-695-5                                                        | 86-73-7                                                                                         |          |                                     |              |                |                      |            |                |
| 32     | indeno[123-cd]pyrene                             |                                                                  |                                                                                                 |          | 0.08 mg/kg                          |              | 0.08 mg/kg     | 0.000008 %           |            |                |
|        |                                                  | 205-893-2                                                        | 193-39-5                                                                                        |          |                                     |              |                |                      |            |                |
| 33     | naphthalene                                      |                                                                  |                                                                                                 |          | 0.09 mg/kg                          |              | 0.09 mg/kg     | 0.000009 %           |            |                |
|        | 601-052-00-2                                     | 202-049-5                                                        | 91-20-3                                                                                         |          |                                     |              |                |                      |            |                |
| 34     | phenanthrene                                     |                                                                  |                                                                                                 |          | 0.12 mg/kg                          |              | 0.12 mg/kg     | 0.000012 %           |            |                |
|        |                                                  | 201-581-5                                                        | 85-01-8                                                                                         |          |                                     |              |                |                      |            |                |
| 35     | pyrene                                           |                                                                  |                                                                                                 |          | 0.2 mg/kg                           |              | 0.2 mg/kg      | 0.00002 %            |            |                |
|        |                                                  | 204-927-3                                                        | 129-00-0                                                                                        |          |                                     |              |                |                      |            |                |
| 36     | asbestos                                         |                                                                  |                                                                                                 |          | <0.001 mg/kg                        |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 650-013-00-6                                     | -----                                                            | 12001-28-4<br>132207-32-0<br>12172-73-5<br>77536-66-4<br>77536-68-6<br>77536-67-5<br>12001-29-5 |          |                                     |              |                |                      |            |                |
| Total: |                                                  |                                                                  |                                                                                                 |          |                                     |              |                | 0.0276 %             |            |                |

## 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: 150 mg/kg (0.015%) because: Very low levels, no liquid present.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0027%)

### Classification of sample: THA - 0.80m

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

### Sample details

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| Sample name:       | LoW Code:                                                                                          |
| <b>THA - 0.80m</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>0.80 m</b>      |                                                                                                    |
| Moisture content:  |                                                                                                    |
| <b>23%</b>         |                                                                                                    |
| (no correction)    |                                                                                                    |

### Hazard properties

None identified

### Determinands

Moisture content: 23% No 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  | arsenic { arsenic trioxide }                                                                                                                                                           |                                |                                  |          | 8.4 mg/kg         | 1.32         | 11.091 mg/kg   | 0.00111 %            |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4                      | 1327-53-3                        |          |                   |              |                |                      |            |                |
| 2  | cadmium { cadmium sulfide }                                                                                                                                                            |                                |                                  | 1        | <0.2 mg/kg        | 1.285        | <0.257 mg/kg   | <0.00002 %           |            | <LOD           |
|    | 048-010-00-4                                                                                                                                                                           | 215-147-8                      | 1306-23-6                        |          |                   |              |                |                      |            |                |
| 3  | chromium in Cr(III) compounds { chromium(III) oxide (worst case) }                                                                                                                     |                                |                                  |          | 29 mg/kg          | 1.462        | 42.385 mg/kg   | 0.00424 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9                      | 1308-38-9                        |          |                   |              |                |                      |            |                |
| 4  | chromium in Cr(VI) compounds { chromium(VI) oxide }                                                                                                                                    |                                |                                  |          | <1.8 mg/kg        | 1.923        | <3.462 mg/kg   | <0.000346 %          |            | <LOD           |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8                      | 1333-82-0                        |          |                   |              |                |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |                                |                                  |          | 26 mg/kg          | 1.126        | 29.273 mg/kg   | 0.00293 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7                      | 1317-39-1                        |          |                   |              |                |                      |            |                |
| 6  | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |                                |                                  |          | <1 mg/kg          | 1.884        | <1.884 mg/kg   | <0.000188 %          |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |                                |                                  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |                                |                                  | 1        | 17 mg/kg          | 1.56         | 26.517 mg/kg   | 0.0017 %             |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0                      | 7758-97-6                        |          |                   |              |                |                      |            |                |
| 8  | 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                        |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel dihydroxide }                                                                                                                                                          |                                |                                  |          | 19 mg/kg          | 1.579        | 30.01 mg/kg    | 0.003 %              |            |                |
|    | 028-008-00-X                                                                                                                                                                           | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] |          |                   |              |                |                      |            |                |
| 10 | pH                                                                                                                                                                                     |                                | PH                               |          | 4.8 pH            |              | 4.8 pH         | 4.8 pH               |            |                |
| 11 | phenol                                                                                                                                                                                 |                                |                                  |          | <1 mg/kg          |              | <1 mg/kg       | <0.0001 %            |            | <LOD           |
|    | 604-001-00-2                                                                                                                                                                           | 203-632-7                      | 108-95-2                         |          |                   |              |                |                      |            |                |
| 12 | selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }                                                                |                                |                                  |          | <1 mg/kg          | 1.405        | <1.405 mg/kg   | <0.000141 %          |            | <LOD           |
|    | 034-002-00-8                                                                                                                                                                           |                                |                                  |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc oxide }                                                                                                                                                                    |                                |                                  |          | 59 mg/kg          | 1.245        | 73.438 mg/kg   | 0.00734 %            |            |                |
|    | 030-013-00-7                                                                                                                                                                           | 215-222-5                      | 1314-13-2                        |          |                   |              |                |                      |            |                |
| 14 | benzene                                                                                                                                                                                |                                |                                  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|    | 601-020-00-8                                                                                                                                                                           | 200-753-7                      | 71-43-2                          |          |                   |              |                |                      |            |                |

| #      | Determinand                                      |                                                                  |                                                                                                 | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                              | EC Number                                                        | CAS Number                                                                                      |          |                                     |              |                |                      |            |                |
| 15     | toluene                                          |                                                                  |                                                                                                 |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-021-00-3                                     | 203-625-9                                                        | 108-88-3                                                                                        |          |                                     |              |                |                      |            |                |
| 16     | ethylbenzene                                     |                                                                  |                                                                                                 |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-023-00-4                                     | 202-849-4                                                        | 100-41-4                                                                                        |          |                                     |              |                |                      |            |                |
| 17     | 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]                                    |          |                                     |              |                |                      |            |                |
| 18     | TPH (C6 to C40) petroleum group                  |                                                                  |                                                                                                 |          | <20 mg/kg                           |              | <20 mg/kg      | <0.002 %             |            | <LOD           |
|        |                                                  |                                                                  | TPH                                                                                             |          |                                     |              |                |                      |            |                |
| 19     | confirm TPH has NOT arisen from diesel or petrol |                                                                  |                                                                                                 |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
|        |                                                  |                                                                  | TPH_CONFIRM                                                                                     |          |                                     |              |                |                      |            |                |
| 20     | acenaphthene                                     |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 201-469-6                                                        | 83-32-9                                                                                         |          |                                     |              |                |                      |            |                |
| 21     | acenaphthylene                                   |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-917-1                                                        | 208-96-8                                                                                        |          |                                     |              |                |                      |            |                |
| 22     | anthracene                                       |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 204-371-1                                                        | 120-12-7                                                                                        |          |                                     |              |                |                      |            |                |
| 23     | benzo[a]anthracene                               |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        | 601-033-00-9                                     | 200-280-6                                                        | 56-55-3                                                                                         |          |                                     |              |                |                      |            |                |
| 24     | 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                                                                                         |          |                                     |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                             |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        | 601-034-00-4                                     | 205-911-9                                                        | 205-99-2                                                                                        |          |                                     |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                             |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        | 601-036-00-5                                     | 205-916-6                                                        | 207-08-9                                                                                        |          |                                     |              |                |                      |            |                |
| 27     | benzo[ghi]perylene                               |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-883-8                                                        | 191-24-2                                                                                        |          |                                     |              |                |                      |            |                |
| 28     | chrysene                                         |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        | 601-048-00-0                                     | 205-923-4                                                        | 218-01-9                                                                                        |          |                                     |              |                |                      |            |                |
| 29     | 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                                                                                         |          |                                     |              |                |                      |            |                |
| 30     | fluoranthene                                     |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-912-4                                                        | 206-44-0                                                                                        |          |                                     |              |                |                      |            |                |
| 31     | fluorene                                         |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 201-695-5                                                        | 86-73-7                                                                                         |          |                                     |              |                |                      |            |                |
| 32     | indeno[123-cd]pyrene                             |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-893-2                                                        | 193-39-5                                                                                        |          |                                     |              |                |                      |            |                |
| 33     | naphthalene                                      |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        | 601-052-00-2                                     | 202-049-5                                                        | 91-20-3                                                                                         |          |                                     |              |                |                      |            |                |
| 34     | phenanthrene                                     |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 201-581-5                                                        | 85-01-8                                                                                         |          |                                     |              |                |                      |            |                |
| 35     | pyrene                                           |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 204-927-3                                                        | 129-00-0                                                                                        |          |                                     |              |                |                      |            |                |
| 36     | asbestos                                         |                                                                  |                                                                                                 |          | <0.001 mg/kg                        |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 650-013-00-6                                     | -----                                                            | 12001-28-4<br>132207-32-0<br>12172-73-5<br>77536-66-4<br>77536-68-6<br>77536-67-5<br>12001-29-5 |          |                                     |              |                |                      |            |                |
| Total: |                                                  |                                                                  |                                                                                                 |          |                                     |              |                | 0.0203 %             |            |                |

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                   |

Classification of sample: THB - 0.10m

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

### Sample details

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Sample name:       | LoW Code:                                                                                 |
| <b>THB - 0.10m</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>20%</b>         |                                                                                           |
| (no correction)    |                                                                                           |

### Hazard properties

None identified

### Determinands

Moisture content: 20% No 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  | arsenic { arsenic trioxide }                                                                                                                                                           |                                |                                  |          | 14 mg/kg          | 1.32         | 18.485 mg/kg   | 0.00185 %    |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4                      | 1327-53-3                        |          |                   |              |                |              |                      |            |                |
| 2  | cadmium { cadmium sulfide }                                                                                                                                                            |                                |                                  | 1        | 0.2 mg/kg         | 1.285        | 0.257 mg/kg    | 0.00002 %    |                      |            |                |
|    | 048-010-00-4                                                                                                                                                                           | 215-147-8                      | 1306-23-6                        |          |                   |              |                |              |                      |            |                |
| 3  | chromium in Cr(III) compounds { chromium(III) oxide (worst case) }                                                                                                                     |                                |                                  |          | 19 mg/kg          | 1.462        | 27.77 mg/kg    | 0.00278 %    |                      |            |                |
|    |                                                                                                                                                                                        | 215-160-9                      | 1308-38-9                        |          |                   |              |                |              |                      |            |                |
| 4  | chromium in Cr(VI) compounds { chromium(VI) oxide }                                                                                                                                    |                                |                                  |          | <1.8 mg/kg        | 1.923        | <3.462 mg/kg   | <0.000346 %  |                      |            | <LOD           |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8                      | 1333-82-0                        |          |                   |              |                |              |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |                                |                                  |          | 36 mg/kg          | 1.126        | 40.532 mg/kg   | 0.00405 %    |                      |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7                      | 1317-39-1                        |          |                   |              |                |              |                      |            |                |
| 6  | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |                                |                                  |          | <1 mg/kg          | 1.884        | <1.884 mg/kg   | <0.000188 %  |                      |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |                                |                                  |          |                   |              |                |              |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |                                |                                  | 1        | 140 mg/kg         | 1.56         | 218.374 mg/kg  | 0.014 %      |                      |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0                      | 7758-97-6                        |          |                   |              |                |              |                      |            |                |
| 8  | 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                        |          |                   |              |                |              |                      |            |                |
| 9  | nickel { nickel dihydroxide }                                                                                                                                                          |                                |                                  |          | 18 mg/kg          | 1.579        | 28.431 mg/kg   | 0.00284 %    |                      |            |                |
|    | 028-008-00-X                                                                                                                                                                           | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] |          |                   |              |                |              |                      |            |                |
| 10 | pH                                                                                                                                                                                     |                                |                                  |          | 7 pH              |              | 7 pH           | 7pH          |                      |            |                |
|    |                                                                                                                                                                                        |                                | PH                               |          |                   |              |                |              |                      |            |                |
| 11 | phenol                                                                                                                                                                                 |                                |                                  |          | <1 mg/kg          |              | <1 mg/kg       | <0.0001 %    |                      |            | <LOD           |
|    | 604-001-00-2                                                                                                                                                                           | 203-632-7                      | 108-95-2                         |          |                   |              |                |              |                      |            |                |
| 12 | selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }                                                                |                                |                                  |          | <1 mg/kg          | 1.405        | <1.405 mg/kg   | <0.000141 %  |                      |            | <LOD           |
|    | 034-002-00-8                                                                                                                                                                           |                                |                                  |          |                   |              |                |              |                      |            |                |
| 13 | zinc { zinc oxide }                                                                                                                                                                    |                                |                                  |          | 89 mg/kg          | 1.245        | 110.78 mg/kg   | 0.0111 %     |                      |            |                |
|    | 030-013-00-7                                                                                                                                                                           | 215-222-5                      | 1314-13-2                        |          |                   |              |                |              |                      |            |                |
| 14 | benzene                                                                                                                                                                                |                                |                                  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 % |                      |            | <LOD           |
|    | 601-020-00-8                                                                                                                                                                           | 200-753-7                      | 71-43-2                          |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                      |                                                                  |                                                                                                 | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                              | EC Number                                                        | CAS Number                                                                                      |          |                                     |              |                |                      |            |                |
| 15     | toluene                                          |                                                                  |                                                                                                 |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-021-00-3                                     | 203-625-9                                                        | 108-88-3                                                                                        |          |                                     |              |                |                      |            |                |
| 16     | ethylbenzene                                     |                                                                  |                                                                                                 |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-023-00-4                                     | 202-849-4                                                        | 100-41-4                                                                                        |          |                                     |              |                |                      |            |                |
| 17     | 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]                                    |          |                                     |              |                |                      |            |                |
| 18     | TPH (C6 to C40) petroleum group                  |                                                                  |                                                                                                 |          | 26 mg/kg                            |              | 26 mg/kg       | 0.0026 %             |            |                |
|        |                                                  |                                                                  | TPH                                                                                             |          |                                     |              |                |                      |            |                |
| 19     | confirm TPH has NOT arisen from diesel or petrol |                                                                  |                                                                                                 |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
|        |                                                  |                                                                  | TPH_CONFIRM                                                                                     |          |                                     |              |                |                      |            |                |
| 20     | acenaphthene                                     |                                                                  |                                                                                                 |          | 0.05 mg/kg                          |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        |                                                  | 201-469-6                                                        | 83-32-9                                                                                         |          |                                     |              |                |                      |            |                |
| 21     | acenaphthylene                                   |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-917-1                                                        | 208-96-8                                                                                        |          |                                     |              |                |                      |            |                |
| 22     | anthracene                                       |                                                                  |                                                                                                 |          | 0.1 mg/kg                           |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                  | 204-371-1                                                        | 120-12-7                                                                                        |          |                                     |              |                |                      |            |                |
| 23     | benzo[a]anthracene                               |                                                                  |                                                                                                 |          | 0.77 mg/kg                          |              | 0.77 mg/kg     | 0.000077 %           |            |                |
|        | 601-033-00-9                                     | 200-280-6                                                        | 56-55-3                                                                                         |          |                                     |              |                |                      |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene               |                                                                  |                                                                                                 |          | 0.87 mg/kg                          |              | 0.87 mg/kg     | 0.000087 %           |            |                |
|        | 601-032-00-3                                     | 200-028-5                                                        | 50-32-8                                                                                         |          |                                     |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                             |                                                                  |                                                                                                 |          | 1.1 mg/kg                           |              | 1.1 mg/kg      | 0.00011 %            |            |                |
|        | 601-034-00-4                                     | 205-911-9                                                        | 205-99-2                                                                                        |          |                                     |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                             |                                                                  |                                                                                                 |          | 0.4 mg/kg                           |              | 0.4 mg/kg      | 0.00004 %            |            |                |
|        | 601-036-00-5                                     | 205-916-6                                                        | 207-08-9                                                                                        |          |                                     |              |                |                      |            |                |
| 27     | benzo[ghi]perylene                               |                                                                  |                                                                                                 |          | 0.45 mg/kg                          |              | 0.45 mg/kg     | 0.000045 %           |            |                |
|        |                                                  | 205-883-8                                                        | 191-24-2                                                                                        |          |                                     |              |                |                      |            |                |
| 28     | chrysene                                         |                                                                  |                                                                                                 |          | 0.83 mg/kg                          |              | 0.83 mg/kg     | 0.000083 %           |            |                |
|        | 601-048-00-0                                     | 205-923-4                                                        | 218-01-9                                                                                        |          |                                     |              |                |                      |            |                |
| 29     | 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                                                                                         |          |                                     |              |                |                      |            |                |
| 30     | fluoranthene                                     |                                                                  |                                                                                                 |          | 1.3 mg/kg                           |              | 1.3 mg/kg      | 0.00013 %            |            |                |
|        |                                                  | 205-912-4                                                        | 206-44-0                                                                                        |          |                                     |              |                |                      |            |                |
| 31     | fluorene                                         |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 201-695-5                                                        | 86-73-7                                                                                         |          |                                     |              |                |                      |            |                |
| 32     | indeno[123-cd]pyrene                             |                                                                  |                                                                                                 |          | 0.42 mg/kg                          |              | 0.42 mg/kg     | 0.000042 %           |            |                |
|        |                                                  | 205-893-2                                                        | 193-39-5                                                                                        |          |                                     |              |                |                      |            |                |
| 33     | naphthalene                                      |                                                                  |                                                                                                 |          | 0.06 mg/kg                          |              | 0.06 mg/kg     | 0.000006 %           |            |                |
|        | 601-052-00-2                                     | 202-049-5                                                        | 91-20-3                                                                                         |          |                                     |              |                |                      |            |                |
| 34     | phenanthrene                                     |                                                                  |                                                                                                 |          | 0.57 mg/kg                          |              | 0.57 mg/kg     | 0.000057 %           |            |                |
|        |                                                  | 201-581-5                                                        | 85-01-8                                                                                         |          |                                     |              |                |                      |            |                |
| 35     | pyrene                                           |                                                                  |                                                                                                 |          | 1.2 mg/kg                           |              | 1.2 mg/kg      | 0.00012 %            |            |                |
|        |                                                  | 204-927-3                                                        | 129-00-0                                                                                        |          |                                     |              |                |                      |            |                |
| 36     | asbestos                                         |                                                                  |                                                                                                 |          | <0.001 mg/kg                        |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 650-013-00-6                                     | -----                                                            | 12001-28-4<br>132207-32-0<br>12172-73-5<br>77536-66-4<br>77536-68-6<br>77536-67-5<br>12001-29-5 |          |                                     |              |                |                      |            |                |
| Total: |                                                  |                                                                  |                                                                                                 |          |                                     |              |                | 0.04 %               |            |                |

## Key

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
|             | User supplied data                                                                                                              |
|             | Determinand values ignored for classification, see column 'Conc. Not Used' for reason                                           |
|             | Determinand defined or amended by HazWasteOnline (see Appendix A)                                                               |
|             | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD        | Below limit of detection                                                                                                        |
| 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: 150 mg/kg (0.015%) because: Very low levels, no liquid present.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0026%)

### Classification of sample: THC - 0.25m

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

### Sample details

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| Sample name:       | LoW Code:                                                                                          |
| <b>THC - 0.25m</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>0.25 m</b>      |                                                                                                    |
| Moisture content:  |                                                                                                    |
| <b>32%</b>         |                                                                                                    |
| (no correction)    |                                                                                                    |

### Hazard properties

None identified

### Determinands

Moisture content: 32% No 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  | arsenic { arsenic trioxide }                                                                                                                                                           |                                |                                  |          | 14 mg/kg          | 1.32         | 18.485 mg/kg   | 0.00185 %    |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4                      | 1327-53-3                        |          |                   |              |                |              |                      |            |                |
| 2  | cadmium { cadmium sulfide }                                                                                                                                                            |                                |                                  | 1        | 0.4 mg/kg         | 1.285        | 0.514 mg/kg    | 0.00004 %    |                      |            |                |
|    | 048-010-00-4                                                                                                                                                                           | 215-147-8                      | 1306-23-6                        |          |                   |              |                |              |                      |            |                |
| 3  | chromium in Cr(III) compounds { chromium(III) oxide (worst case) }                                                                                                                     |                                |                                  |          | 23 mg/kg          | 1.462        | 33.616 mg/kg   | 0.00336 %    |                      |            |                |
|    |                                                                                                                                                                                        | 215-160-9                      | 1308-38-9                        |          |                   |              |                |              |                      |            |                |
| 4  | chromium in Cr(VI) compounds { chromium(VI) oxide }                                                                                                                                    |                                |                                  |          | <1.8 mg/kg        | 1.923        | <3.462 mg/kg   | <0.000346 %  |                      |            | <LOD           |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8                      | 1333-82-0                        |          |                   |              |                |              |                      |            |                |
| 5  | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |                                |                                  |          | <1 mg/kg          | 1.884        | <1.884 mg/kg   | <0.000188 %  |                      |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |                                |                                  |          |                   |              |                |              |                      |            |                |
| 6  | lead { lead chromate }                                                                                                                                                                 |                                |                                  | 1        | 140 mg/kg         | 1.56         | 218.374 mg/kg  | 0.014 %      |                      |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0                      | 7758-97-6                        |          |                   |              |                |              |                      |            |                |
| 7  | 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                        |          |                   |              |                |              |                      |            |                |
| 8  | nickel { nickel dihydroxide }                                                                                                                                                          |                                |                                  |          | 21 mg/kg          | 1.579        | 33.169 mg/kg   | 0.00332 %    |                      |            |                |
|    | 028-008-00-X                                                                                                                                                                           | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] |          |                   |              |                |              |                      |            |                |
| 9  | pH                                                                                                                                                                                     |                                | PH                               |          | 6.5 pH            |              | 6.5 pH         | 6.5 pH       |                      |            |                |
| 10 | phenol                                                                                                                                                                                 |                                |                                  |          | <1 mg/kg          |              | <1 mg/kg       | <0.0001 %    |                      |            | <LOD           |
|    | 604-001-00-2                                                                                                                                                                           | 203-632-7                      | 108-95-2                         |          |                   |              |                |              |                      |            |                |
| 11 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |                                |                                  |          | <1 mg/kg          | 1.405        | <1.405 mg/kg   | <0.000141 %  |                      |            | <LOD           |
|    | 034-002-00-8                                                                                                                                                                           |                                |                                  |          |                   |              |                |              |                      |            |                |
| 12 | zinc { zinc oxide }                                                                                                                                                                    |                                |                                  |          | 180 mg/kg         | 1.245        | 224.049 mg/kg  | 0.0224 %     |                      |            |                |
|    | 030-013-00-7                                                                                                                                                                           | 215-222-5                      | 1314-13-2                        |          |                   |              |                |              |                      |            |                |
| 13 | benzene                                                                                                                                                                                |                                |                                  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 % |                      |            | <LOD           |
|    | 601-020-00-8                                                                                                                                                                           | 200-753-7                      | 71-43-2                          |          |                   |              |                |              |                      |            |                |
| 14 | toluene                                                                                                                                                                                |                                |                                  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 % |                      |            | <LOD           |
|    | 601-021-00-3                                                                                                                                                                           | 203-625-9                      | 108-88-3                         |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                      |                                                                  |                                                                                                 | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                              | EC Number                                                        | CAS Number                                                                                      |          |                                     |              |                |                      |            |                |
| 15     | ethylbenzene                                     |                                                                  |                                                                                                 |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-023-00-4                                     | 202-849-4                                                        | 100-41-4                                                                                        |          |                                     |              |                |                      |            |                |
| 16     | 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]                                    |          |                                     |              |                |                      |            |                |
| 17     | TPH (C6 to C40) petroleum group                  |                                                                  |                                                                                                 |          | 37 mg/kg                            |              | 37 mg/kg       | 0.0037 %             |            |                |
|        |                                                  |                                                                  | TPH                                                                                             |          |                                     |              |                |                      |            |                |
| 18     | confirm TPH has NOT arisen from diesel or petrol |                                                                  |                                                                                                 |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
|        |                                                  |                                                                  | TPH_CONFIRM                                                                                     |          |                                     |              |                |                      |            |                |
| 19     | acenaphthene                                     |                                                                  |                                                                                                 |          | 0.13 mg/kg                          |              | 0.13 mg/kg     | 0.000013 %           |            |                |
|        |                                                  | 201-469-6                                                        | 83-32-9                                                                                         |          |                                     |              |                |                      |            |                |
| 20     | acenaphthylene                                   |                                                                  |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
|        |                                                  | 205-917-1                                                        | 208-96-8                                                                                        |          |                                     |              |                |                      |            |                |
| 21     | anthracene                                       |                                                                  |                                                                                                 |          | 0.29 mg/kg                          |              | 0.29 mg/kg     | 0.000029 %           |            |                |
|        |                                                  | 204-371-1                                                        | 120-12-7                                                                                        |          |                                     |              |                |                      |            |                |
| 22     | benzo[a]anthracene                               |                                                                  |                                                                                                 |          | 0.98 mg/kg                          |              | 0.98 mg/kg     | 0.000098 %           |            |                |
|        | 601-033-00-9                                     | 200-280-6                                                        | 56-55-3                                                                                         |          |                                     |              |                |                      |            |                |
| 23     | benzo[a]pyrene; benzo[def]chrysene               |                                                                  |                                                                                                 |          | 0.94 mg/kg                          |              | 0.94 mg/kg     | 0.000094 %           |            |                |
|        | 601-032-00-3                                     | 200-028-5                                                        | 50-32-8                                                                                         |          |                                     |              |                |                      |            |                |
| 24     | benzo[b]fluoranthene                             |                                                                  |                                                                                                 |          | 1.2 mg/kg                           |              | 1.2 mg/kg      | 0.00012 %            |            |                |
|        | 601-034-00-4                                     | 205-911-9                                                        | 205-99-2                                                                                        |          |                                     |              |                |                      |            |                |
| 25     | benzo[k]fluoranthene                             |                                                                  |                                                                                                 |          | 0.44 mg/kg                          |              | 0.44 mg/kg     | 0.000044 %           |            |                |
|        | 601-036-00-5                                     | 205-916-6                                                        | 207-08-9                                                                                        |          |                                     |              |                |                      |            |                |
| 26     | benzo[ghi]perylene                               |                                                                  |                                                                                                 |          | 0.53 mg/kg                          |              | 0.53 mg/kg     | 0.000053 %           |            |                |
|        |                                                  | 205-883-8                                                        | 191-24-2                                                                                        |          |                                     |              |                |                      |            |                |
| 27     | chrysene                                         |                                                                  |                                                                                                 |          | 0.97 mg/kg                          |              | 0.97 mg/kg     | 0.000097 %           |            |                |
|        | 601-048-00-0                                     | 205-923-4                                                        | 218-01-9                                                                                        |          |                                     |              |                |                      |            |                |
| 28     | dibenz[a,h]anthracene                            |                                                                  |                                                                                                 |          | 0.07 mg/kg                          |              | 0.07 mg/kg     | 0.000007 %           |            |                |
|        | 601-041-00-2                                     | 200-181-8                                                        | 53-70-3                                                                                         |          |                                     |              |                |                      |            |                |
| 29     | fluoranthene                                     |                                                                  |                                                                                                 |          | 1.9 mg/kg                           |              | 1.9 mg/kg      | 0.00019 %            |            |                |
|        |                                                  | 205-912-4                                                        | 206-44-0                                                                                        |          |                                     |              |                |                      |            |                |
| 30     | fluorene                                         |                                                                  |                                                                                                 |          | 0.13 mg/kg                          |              | 0.13 mg/kg     | 0.000013 %           |            |                |
|        |                                                  | 201-695-5                                                        | 86-73-7                                                                                         |          |                                     |              |                |                      |            |                |
| 31     | indeno[123-cd]pyrene                             |                                                                  |                                                                                                 |          | 0.49 mg/kg                          |              | 0.49 mg/kg     | 0.000049 %           |            |                |
|        |                                                  | 205-893-2                                                        | 193-39-5                                                                                        |          |                                     |              |                |                      |            |                |
| 32     | naphthalene                                      |                                                                  |                                                                                                 |          | 0.16 mg/kg                          |              | 0.16 mg/kg     | 0.000016 %           |            |                |
|        | 601-052-00-2                                     | 202-049-5                                                        | 91-20-3                                                                                         |          |                                     |              |                |                      |            |                |
| 33     | phenanthrene                                     |                                                                  |                                                                                                 |          | 1.4 mg/kg                           |              | 1.4 mg/kg      | 0.00014 %            |            |                |
|        |                                                  | 201-581-5                                                        | 85-01-8                                                                                         |          |                                     |              |                |                      |            |                |
| 34     | pyrene                                           |                                                                  |                                                                                                 |          | 1.7 mg/kg                           |              | 1.7 mg/kg      | 0.00017 %            |            |                |
|        |                                                  | 204-927-3                                                        | 129-00-0                                                                                        |          |                                     |              |                |                      |            |                |
| 35     | asbestos                                         |                                                                  |                                                                                                 |          | <0.001 mg/kg                        |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 650-013-00-6                                     | -----                                                            | 12001-28-4<br>132207-32-0<br>12172-73-5<br>77536-66-4<br>77536-68-6<br>77536-67-5<br>12001-29-5 |          |                                     |              |                |                      |            |                |
| Total: |                                                  |                                                                  |                                                                                                 |          |                                     |              |                | 0.0498 %             |            |                |

### 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                                                                   |

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## Supplementary Hazardous Property Information

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**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: 150 mg/kg (0.015%) because: Very low levels, no liquid present.

Hazard Statements hit:

---

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

Because of determinand:

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TPH (C6 to C40) petroleum group (conc.: 0.0037%)

Classification of sample: THC - 0.60m

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

## Sample details

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Sample name:       | LoW Code:                                                                                 |
| <b>THC - 0.60m</b> | Chapter:                                                                                  |
| Sample Depth:      | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.60 m</b>      | Entry:                                                                                    |
| Moisture content:  | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>16%</b>         |                                                                                           |
| (no correction)    |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 16% No 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  |  arsenic { arsenic trioxide }                                                                                                                                                           |                                |                                  |          | 9.1 mg/kg         | 1.32         | 12.015 mg/kg   | 0.0012 %     |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4                      | 1327-53-3                        |          |                   |              |                |              |                      |            |                |
| 2  |  cadmium { cadmium sulfide }                                                                                                                                                            |                                |                                  | 1        | <0.2 mg/kg        | 1.285        | <0.257 mg/kg   | <0.00002 %   |                      |            | <LOD           |
|    | 048-010-00-4                                                                                                                                                                                                                                                               | 215-147-8                      | 1306-23-6                        |          |                   |              |                |              |                      |            |                |
| 3  |  chromium in Cr(III) compounds { chromium(III) oxide (worst case) }                                                                                                                     |                                |                                  |          | 23 mg/kg          | 1.462        | 33.616 mg/kg   | 0.00336 %    |                      |            |                |
|    |                                                                                                                                                                                                                                                                            | 215-160-9                      | 1308-38-9                        |          |                   |              |                |              |                      |            |                |
| 4  |  chromium in Cr(VI) compounds { chromium(VI) oxide }                                                                                                                                    |                                |                                  |          | <1.8 mg/kg        | 1.923        | <3.462 mg/kg   | <0.000346 %  |                      |            | <LOD           |
|    | 024-001-00-0                                                                                                                                                                                                                                                               | 215-607-8                      | 1333-82-0                        |          |                   |              |                |              |                      |            |                |
| 5  |  cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |                                |                                  |          | <1 mg/kg          | 1.884        | <1.884 mg/kg   | <0.000188 %  |                      |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                                                                                                               |                                |                                  |          |                   |              |                |              |                      |            |                |
| 6  |  lead { lead chromate }                                                                                                                                                                 |                                |                                  | 1        | 39 mg/kg          | 1.56         | 60.833 mg/kg   | 0.0039 %     |                      |            |                |
|    | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0                      | 7758-97-6                        |          |                   |              |                |              |                      |            |                |
| 7  |  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                        |          |                   |              |                |              |                      |            |                |
| 8  |  nickel { nickel dihydroxide }                                                                                                                                                          |                                |                                  |          | 21 mg/kg          | 1.579        | 33.169 mg/kg   | 0.00332 %    |                      |            |                |
|    | 028-008-00-X                                                                                                                                                                                                                                                               | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] |          |                   |              |                |              |                      |            |                |
| 9  |  pH                                                                                                                                                                                     |                                |                                  |          | 7.5 pH            |              | 7.5 pH         | 7.5 pH       |                      |            |                |
|    |                                                                                                                                                                                                                                                                            |                                | PH                               |          |                   |              |                |              |                      |            |                |
| 10 | phenol                                                                                                                                                                                                                                                                     |                                |                                  |          | <1 mg/kg          |              | <1 mg/kg       | <0.0001 %    |                      |            | <LOD           |
|    | 604-001-00-2                                                                                                                                                                                                                                                               | 203-632-7                      | 108-95-2                         |          |                   |              |                |              |                      |            |                |
| 11 |  selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |                                |                                  |          | <1 mg/kg          | 1.405        | <1.405 mg/kg   | <0.000141 %  |                      |            | <LOD           |
|    | 034-002-00-8                                                                                                                                                                                                                                                               |                                |                                  |          |                   |              |                |              |                      |            |                |
| 12 |  zinc { zinc oxide }                                                                                                                                                                    |                                |                                  |          | 62 mg/kg          | 1.245        | 77.172 mg/kg   | 0.00772 %    |                      |            |                |
|    | 030-013-00-7                                                                                                                                                                                                                                                               | 215-222-5                      | 1314-13-2                        |          |                   |              |                |              |                      |            |                |
| 13 | benzene                                                                                                                                                                                                                                                                    |                                |                                  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 % |                      |            | <LOD           |
|    | 601-020-00-8                                                                                                                                                                                                                                                               | 200-753-7                      | 71-43-2                          |          |                   |              |                |              |                      |            |                |
| 14 | toluene                                                                                                                                                                                                                                                                    |                                |                                  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 % |                      |            | <LOD           |
|    | 601-021-00-3                                                                                                                                                                                                                                                               | 203-625-9                      | 108-88-3                         |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                        |                                                                  |                                                                                                 | CLP Note | User entered data                   | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------|-------------------------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                | EC Number                                                        | CAS Number                                                                                      |          |                                     |              |                |                      |            |                |
| 15     | ethylbenzene<br>601-023-00-4                       | 202-849-4                                                        | 100-41-4                                                                                        |          | <0.005 mg/kg                        |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
| 16     | xylene<br>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]                                    |          | <0.013 mg/kg                        |              | <0.013 mg/kg   | <0.0000013 %         |            | <LOD           |
| 17     | TPH (C6 to C40) petroleum group                    |                                                                  | TPH                                                                                             |          | 117 mg/kg                           |              | 117 mg/kg      | 0.0117 %             |            |                |
| 18     | confirm TPH has NOT arisen from diesel or petrol   |                                                                  | TPH_CONFIRM                                                                                     |          | <input checked="" type="checkbox"/> |              |                |                      |            |                |
| 19     | acenaphthene<br>201-469-6                          | 83-32-9                                                          |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
| 20     | acenaphthylene<br>205-917-1                        | 208-96-8                                                         |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
| 21     | anthracene<br>204-371-1                            | 120-12-7                                                         |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
| 22     | benzo[a]anthracene<br>601-033-00-9                 | 200-280-6                                                        | 56-55-3                                                                                         |          | 0.19 mg/kg                          |              | 0.19 mg/kg     | 0.000019 %           |            |                |
| 23     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3 | 200-028-5                                                        | 50-32-8                                                                                         |          | 0.14 mg/kg                          |              | 0.14 mg/kg     | 0.000014 %           |            |                |
| 24     | benzo[b]fluoranthene<br>601-034-00-4               | 205-911-9                                                        | 205-99-2                                                                                        |          | 0.25 mg/kg                          |              | 0.25 mg/kg     | 0.000025 %           |            |                |
| 25     | benzo[k]fluoranthene<br>601-036-00-5               | 205-916-6                                                        | 207-08-9                                                                                        |          | 0.1 mg/kg                           |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | benzo[ghi]perylene<br>205-883-8                    | 191-24-2                                                         |                                                                                                 |          | 0.12 mg/kg                          |              | 0.12 mg/kg     | 0.000012 %           |            |                |
| 27     | chrysene<br>601-048-00-0                           | 205-923-4                                                        | 218-01-9                                                                                        |          | 0.19 mg/kg                          |              | 0.19 mg/kg     | 0.000019 %           |            |                |
| 28     | dibenz[a,h]anthracene<br>601-041-00-2              | 200-181-8                                                        | 53-70-3                                                                                         |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
| 29     | fluoranthene<br>205-912-4                          | 206-44-0                                                         |                                                                                                 |          | 0.34 mg/kg                          |              | 0.34 mg/kg     | 0.000034 %           |            |                |
| 30     | fluorene<br>201-695-5                              | 86-73-7                                                          |                                                                                                 |          | <0.05 mg/kg                         |              | <0.05 mg/kg    | <0.000005 %          |            | <LOD           |
| 31     | indeno[123-cd]pyrene<br>205-893-2                  | 193-39-5                                                         |                                                                                                 |          | 0.1 mg/kg                           |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 32     | naphthalene<br>601-052-00-2                        | 202-049-5                                                        | 91-20-3                                                                                         |          | 0.07 mg/kg                          |              | 0.07 mg/kg     | 0.000007 %           |            |                |
| 33     | phenanthrene<br>201-581-5                          | 85-01-8                                                          |                                                                                                 |          | 0.14 mg/kg                          |              | 0.14 mg/kg     | 0.000014 %           |            |                |
| 34     | pyrene<br>204-927-3                                | 129-00-0                                                         |                                                                                                 |          | 0.3 mg/kg                           |              | 0.3 mg/kg      | 0.00003 %            |            |                |
| 35     | asbestos<br>650-013-00-6                           | -----                                                            | 12001-28-4<br>132207-32-0<br>12172-73-5<br>77536-66-4<br>77536-68-6<br>77536-67-5<br>12001-29-5 |          | <0.001 mg/kg                        |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| Total: |                                                    |                                                                  |                                                                                                 |          |                                     |              |                | 0.0314 %             |            |                |

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                   |

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## Supplementary Hazardous Property Information

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**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: 150 mg/kg (0.015%) because: Very low levels, no liquid present.

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group (conc.: 0.0117%)

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

GB MCL index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from:: WM3, Table C12.2

### pH (CAS Number: PH)

Description/Comments: Appendix C4

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

### 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.

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

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

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

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

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

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

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

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

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

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

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

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

## Appendix B: Rationale for selection of metal species

### arsenic {arsenic trioxide}

Worst case species based on hazard statements

### cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

### copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Worst case species

### lead {lead chromate}

Worst case species based on hazard statements

### mercury {mercury dichloride}

Worst case species based on hazard statements

### nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

zinc {zinc oxide}

Suspected

## Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2026.83.7020.12656 (25 Mar 2026)

HazWasteOnline Database: 2026.83.7020.12656 (25 Mar 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