4259-05 / JH

24th April 2026

John Southworth Builders Ltd
10 Charles St
Dukinfield
Cheshire
SK16 4SD

1st Floor
15 Oxford Court
Manchester
M2 3WQ

Tel: 0161 914 9170
[redacted]
Web: www.igeconsulting.co.uk

LAND OFF LATHBURY LANE, HARPURHEY – COVER SYSTEM AND GROUND GAS PROTECTION MEASURES VALIDATION REPORT

Introduction

This Validation Report has been prepared at the request of John Southworth Builders Ltd. Instructions to proceed with this report were received in February 2026.

The 0.12 Ha site is located to the northeast of Lathbury Lane, Harpurhey, at the approximate postcode M9 5GF. The National Ordnance Survey Grid Reference for the centre of the site is 385908E, 400897N.

This report follows, and should be read in conjunction with, the following reports:

- **Curtins** *Phase 1 Preliminary Risk Assessment, Blencarn Walk* (Ref: 77873-CUR-00-XX-RP-GE-017, Rev: V01, Dated: 10 May 2021);
- **E3P** *Preliminary Site Investigation Summary, Lathbury Road, Manchester* (Dated: 31st July 2023);
- **E3P** *Phase II Geoenvironmental Site Assessment Lathbury Road, Manchester* (Ref: 16-718-R1-1, Dated: September 2023);
- **E3P** *Ground Gas Addendum Report, Lathbury Road, Manchester* (Ref:16-718-R2, Dated: November 2023); and
- **IGE Consulting Ltd**., '*Remedial Strategy Report'* (ref: 4259-01, dated: October 2024).

A Proposed Site Plan is included in Appendix 1.

Ground Gas Protection Measures

Following Phase 2 ground investigation works, due to slightly elevated concentrations of carbon dioxide, the site was designated by E3P as **Characteristic Situation 2 (CS2)** as a conservative measure in line with BS 8485 (2015) + A1 (2019) with a possible requirement for vapour protection due to slightly elevated solid concentrations of elemental mercury and naphthalene (although VOC testing recorded no concentrations above detection limit). The houses are **Type A** buildings in accordance with BS8485

(2015) + A1 (2019). To protect the Type A buildings against the CS2 ground gas risks identified, **3.5 points** must be achieved in accordance with BS8485 (2015) + A1 (2019).

As part of enabling works on site, a full site turnover was undertaken to remove below ground obstructions (such as relic foundations) to permit foundation construction. Additionally, the top 0.60m to 1.00m of Made Ground was removed from site to permit garden and pile mat construction (waste tickets contained in Appendix 8). During turnover works, any previously identified hydrocarbon odours etc were excavated and either removed or aerated with the surrounding soils tested with a PID which recorded no readings above 1ppm. The turnover works will have encouraged volatilisation of any remaining volatiles following removal of surface Made Ground, therefore reducing the already low risk and removing the requirement for vapour protection. However, a ground gas barrier and ventilated void was installed as detailed below as a conservative measure which was suitable for use as confirmed by Visqueen.

Method of Installation

The low-rise residential dwellings were constructed using suspended Pre-Cast Concrete (PCC) block and beam floor slabs. An open void is present beneath the floor slab construction (measuring not less than 150mm deep, generally greater than 300mm). The void is vented via telescopic vents linked to air bricks positioned on at least two opposing elevations of each dwelling. The air bricks are located at 2.0m centres (except where doorways or access prevented this), providing not less than 6000mm^2 ventilation area each and finished not less than 100mm above finished ground level (to prevent blockage going forward) and located around two opposing externals walls of buildings / garages. All sleeper walls (i.e. sub-floor slab building compartments) are vented via missed blockwork (or air bricks) at 1.0m centres.

GM Floor Screeds were appointed to install the gas membrane. For all plots, the installation contractors used the Visqueen® 'Gas Barrier' membrane which was deemed suitable for the application (as confirmed by Visqueen) and meets the specification. The membrane datasheet is contained in Appendix 2. All joints were sealed using double sided tape. Visqueen Pro Detailing Strip was used to seal all service entries and to form all corners.

Validation

In line with CIRIA 735 (2014), a suitably qualified and experienced IGE verifier independently verified the installation of the ground gas resistant membrane at every plot by conducting a thorough visual inspection using a pick. Verifier qualification and training certificates are included in Appendix 3. The method was as follows:

- Conducted a thorough visual inspection at every plot.
- Identified that the correct membrane was used, including pre-fabricated units and accessories.
- Inspected the general condition of the membrane for rips, tears and punctures.

- Checked that all jointing was carried out to the specification and a good standard.
- Checked that the membrane was installed correctly across cavities, including correct jointing in these areas.
- Checked that service entries were correctly sealed both around the pipe and to the membrane via an appropriate method.
- Checked that vents were installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e., not blocked or otherwise restricted.
- Checked the presence of the clear void, including measuring that this was of a sufficient depth and was not filled or otherwise compromised. Checked that internal walls were also vented to provide adequate flow-through, so that no unvented sections were blocked off.
- Took photographs to provide evidence of the above.

Any minor defects noted by the IGE Consulting qualified verifier were communicated to the installer on site to be rectified under verifier supervision. Further inspection of the addressed issues was then carried out. Photographic evidence was taken of all aspects of the verification process, including before and after photos of any issues observed. Major defects required a repeat visit. In these circumstances, the plots were correctly fixed and able to be signed off during the subsequent visits.

The Ground Gas Resistant Membrane Inspection Record sheets including 'sign-off' are included in Appendix 4.

Ground Gas Protection Measures Summary

A pre-cast suspended segmental subfloor (beam and block) has been installed – this achieves 0 points. A 'very good' passive subfloor dispersal layer has been installed – this achieves 2.5 points. A fully sealed and validated ground gas resistant membrane has been installed – this achieves 2 points.

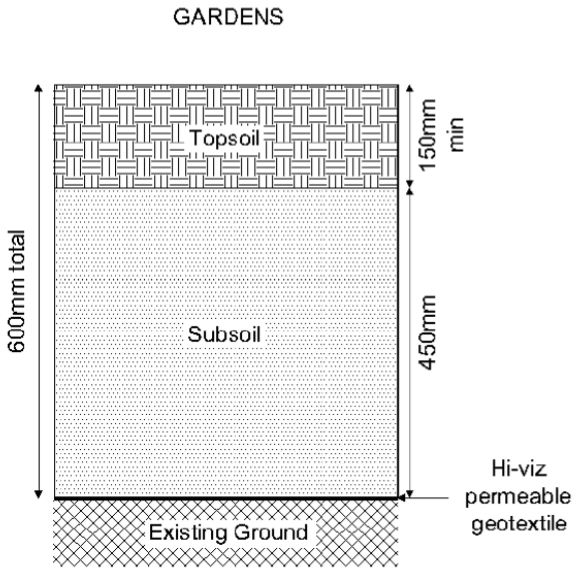
To conclude, the correct ground gas protection measures, meeting the required points score, have been installed and successfully validated. No future monitoring or management will be required due to the passive method of the measures installed.

Cover System Installation

Numerous human health GAC exceedances for the residential with plant uptake scenario were recorded within the Made Ground encountered across the site. Remedial measures were therefore deemed to be required within the private gardens and proposed soft landscaped areas to negate exposure pathway risks with existing site materials. As the Made Ground containing human health GAC exceedances including asbestos is present below finalised garden levels at depths shallower than 600mm (450mm in areas of soft landscaping) across the site, the following procedure was outlined for use in all private gardens and in areas of soft landscaping:

1. Excavate to 600mm bgl in private gardens (450mm in soft landscaping areas).
2. A 600mm clean cover system is recommended to be added to the proposed private gardens (450mm in soft landscaping areas). This is to consist of:
    a. No less than 150mm and no more than 300mm suitable topsoil, underlain by;
    b. Suitable subsoil to a total (topsoil + subsoil) depth of 600mm (450mm in areas of soft landscaping), underlain by;
    c. A high vis geotextile marker;
    d. Validate in line with the below strategy.

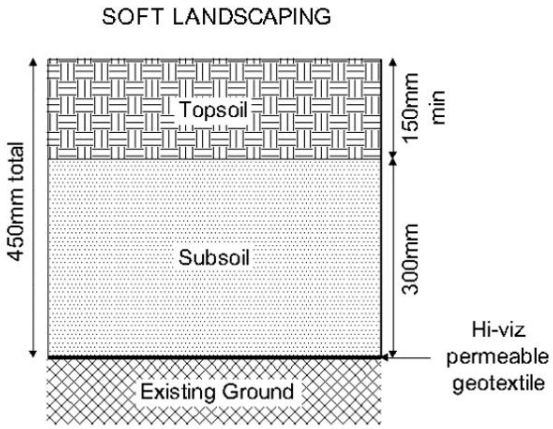
This is shown diagrammatically below:



The cover system for the soft landscaping is to be 450mm thick and consist of:

- A minimum of 150mm suitable topsoil, underlain by;
- Suitable subsoil, to a total thickness of 450mm.

This is shown diagrammatically below:



Soils for use in the above recommended cover system must be validated as detailed below to ensure their suitability for use.

Validation

Once the 600mm clean cover system is installed to break contaminative linkages (450mm in areas of soft landscaping), validation requirements include:

- Details of the source of the cover material;
- Chemical test results to demonstrate that the soil is free from contamination and 'suitable for use' in-line with the below chemical testing suites and rates.
- Waste transfer notes to provide evidence of source;
- Confirmation of cover depth by either measurement tape or topographical survey with photographs at a frequency of one pit per three plots.

No topsoil or subsoil is present on-site therefore all topsoil and subsoil will need to be imported and this must be validated as detailed below to ensure its suitability for use (i.e., no glass or plastic is to be included and meets chemical testing acceptability criteria).

Imported topsoil and subsoil is required to be tested at source prior to import to confirm suitability. All topsoil and subsoil, whether site-won or imported is required to be tested at the following frequency in line with Manchester City Council Planning and Contaminated Land Technical Guidance (Dated February 2021).:

Source	Material End Use	Sampling Frequency[1]	Testing Suites[3] (see below)
Greenfield Source:	Topsoil	1 per 200m^3	A, B, C, D, F
	Subsoil	1 per 200m^3	A, B, C, D, F
Brownfield Source:	Topsoil	1 per 50m^3	A, B, C, D, F, H
	Subsoil	1 per 100m^3	A, B, C, D, F
	General Fill[2]	1 per 1000m^3	A, B, C, E, G

1. Minimum 3 samples regardless of volume.
2. 'General Fill' is material used primarily to raise levels, specifically not within areas of private gardens, public open space, or soft landscaping, e.g. 6F2.
3. In addition to the standard suites given, the laboratory testing suite should include any additional contaminants of concern based on the source of the samples.

A Proposed Site Plan, showing the locations of the gardens and soft landscaping areas, is contained in Appendix 1.

Suitability of Topsoil

The topsoil for the clean cover system was purchased and imported from a topsoil supplier – DHI Environmental Ltd with the soil obtained from Astley, Greater Manchester. BS 3882 (2015) Specification for Topsoil testing was undertaken by the supplier at source which classified it as Multipurpose Grade and therefore suitable for import and use on site. The certificate of analysis is contained in Appendix 5.

The topsoil was visually assessed and found to contain no plastics, glass, metals, or other deleterious anthropogenic materials and appeared to be a suitable growing medium. Chemical testing at site was analysed by i2 analytical and assessed by IGE Consulting. The combined area of the gardens on site equates to approximately 425m^2. Utilising an average depth of topsoil of 0.20m equates to 85m^3. Consequently 3 No. samples were taken which meets the above requirements - 1 per 200m^3 (or minimum 3). A wide range of contaminants were analysed and compared to GACs for a 'residential with plant uptake' end use. No concentrations were present in exceedance of their respective GACs. Therefore, the topsoil was deemed suitable for use. Chemical test results at site for the topsoil are included in Appendix 6.

No concentrations were present in exceedance of their respective GACs. Therefore, the topsoil was deemed suitable for use.

Suitability of Subsoil

The subsoil for the clean cover system was purchased and imported from a subsoil supplier – DHI Environmental Ltd. Chemical testing at source was undertaken by Chemtech Environmental and assessed by IGE Consulting. The results are contained in Appendix 5.

The subsoil was visually assessed and found to contain no plastics, glass, metals, or other deleterious anthropogenic materials. Chemical testing at site was analysed by i2 analytical and assessed by IGE Consulting. The combined area of the gardens on site equates to approximately 425m^2. Utilising an average depth of subsoil of 0.40m in gardens and 0.20m equates to 170m^3. Consequently, the 3 No. samples detailed above are inline the requirements - 1 per 200m^3 (or minimum 3). A wide range of contaminants were analysed and compared to the relevant GACs for a 'residential with plant uptake' end use. Chemical test results at site for the subsoil are included in Appendix 6.

No concentrations were present in exceedance of their respective GACs. Therefore, the subsoil was deemed suitable for use.

Thickness of Clean Cover Validation

A validation pit was dug to the depth of the hi-vis membrane in 5 No. garden areas on site, which exceeds the required rate of 1 pit per 3 gardens. The photographs and confirmation of cover depth for all plots are contained in the Verification Logs in Appendix 7. The Proposed Site Plan, showing the locations of the gardens and soft landscaping areas, is contained in Appendix 1.

Waste transfer notes are included in Appendix 8.

Conclusion

On the basis of the information provided, it is confirmed that the remediation objectives have been met for the site. No further recommendations are made for the site.

If any additional information is needed, do not hesitate to ask.

Yours sincerely,

James Harley MSci SGPV FGS
Senior Geo-Environmental Engineer

Appendix 1 – Proposed Site Plan
Appendix 2 – Visqueen Gas Barrier Technical Datasheet
Appendix 3 – Ground Gas Protection Measures Verifier Qualification Certificates
Appendix 4 – Ground Gas Resistant Membrane Inspection Record Sheets
Appendix 5 – Chemical Testing Results at Source
Appendix 6 – Chemical Test Results at Site and Screening Tables
Appendix 7 – Cover System Validation Logs
Appendix 8 – Transfer Notes

APPENDIX 1

PROPOSED SITE PLAN

This drawing is copyright Bernard Taylor Partnership Ltd and must not be copied or disclosed by or to any unauthorised persons without the prior written consent of Bernard Taylor Partnership Ltd

Do not scale from this drawing. Do not take measurements from the CAD base. Any discrepancies are to be reported to the architect for clarification.

All dimensions are to be checked on site prior to construction, manufacture of any components and ordering of materials and equipment.

All materials and workmanship to be in accordance with the current British Standards and codes of practice.

Area Schedule

Type	Description	Area
BTP - Adopted Footpath	Light Grey	8 m²
BTP - Car park	Brown	103 m²
BTP - Front Garden	Dark Green	171 m²
BTP - Plot Hardstanding	Light Grey	295 m²
BTP - Private Garden	Light Green	262 m²
Total: 13		838 m²

Fence Schedule

Type	Length	Fence Height	Count
900mm	5.0	900.0	1
Fence - TSW 1800mm Trellis	30.4	1800.0	3
Fence - TSW 2100mm	41.3	2100.0	3
Total: 7	76.8		

Boundary Wall Schedule

Type	Length in m	Unconnected Height	Width
Rear Boundary Wall	19.8	2100.0	215.0
Rear Boundary Wall	0.2	2100.0	215.0
Timber wall	1.4	2100.0	100.0
Timber wall	2.5	1950.0	100.0
Timber wall	2.5	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	2.5	1950.0	100.0
Timber wall	2.5	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	2.5	1950.0	100.0
Timber wall	2.5	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	2.5	1950.0	100.0
Timber wall	2.5	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	1.0	1394.9	100.0
Timber wall	0.1	1394.9	100.0
Timber wall	1.0	1100.0	100.0
Timber wall	2.7	1600.0	100.0
Timber wall	2.6	1394.9	100.0
Timber wall	1.0	1394.9	100.0
Timber wall	0.1	1394.9	100.0
Timber wall	1.0	1100.0	100.0
Timber wall	2.7	1600.0	100.0
Timber wall	2.6	1394.9	100.0
Timber wall	1.0	1394.9	100.0
Timber wall	0.1	1394.9	100.0
Timber wall	1.0	1100.0	100.0
Timber wall	2.7	1600.0	100.0
Timber wall	2.6	1394.9	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	2.5	1950.0	100.0
Timber wall	2.5	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	1.0	1394.9	100.0
Timber wall	0.1	1394.9	100.0
Timber wall	1.0	1100.0	100.0
Timber wall	2.7	1600.0	100.0
Timber wall	2.6	1394.9	100.0
Rear Boundary Wall	0.4	2100.0	215.0
Rear Boundary Wall	3.9	2100.0	215.0
Rear Boundary Wall	3.1	2100.0	215.0
Rear Boundary Wall	3.1	2100.0	215.0
Rear Boundary Wall	2.8	2100.0	215.0
Timber wall	1.4	2100.0	100.0
Timber wall	2.5	1950.0	100.0
Timber wall	2.5	2100.0	100.0
Timber wall	1.4	2100.0	100.0
Timber wall	1.0	1394.9	100.0
Timber wall	0.1	1394.9	100.0
Timber wall	1.0	1100.0	100.0
Timber wall	2.7	1600.0	100.0
Timber wall	2.6	1394.9	100.0
Rear Boundary Wall	0.2	2100.0	215.0
Rear Boundary Wall	24.4	2100.0	215.0
Timber wall	1.0	1394.9	100.0
Timber wall	0.1	1394.9	100.0
Timber wall	1.0	1100.0	100.0
Timber wall	2.7	1600.0	100.0
Timber wall	2.6	1394.9	100.0
Grand total: 63	150.0		

Note:
> Make allowance for Brick piers to front boundary wall at max. 2000mm centers
> Timber walls refer to timber sheds and bin stores in rear gardens
> Make allowance for metal gates to entrance footpaths and carparks if required
> Make allowance for proprietry bin stores



Indicates approximate location of ASHP to be confirmed and detailed by contractor

Indicates approximate location of EV charging points to entrance porch of each property

Any proposed new trees should follow recommendations as stipulated within the Tree Report July 2023 EM Ecology

00 Proposed Site Plan

1 : 200

Schedule of Accommodation

Affordable Rent

3B5P Houses	3no.	96m²
2B4P Houses	3no.	83m²
TOTAL	**6no**	

Layout subject to confirmation of red line boundary, all statutory approvals including highways, planning and building regulations, relevant surveys and reports such as topographical, ecology, trees, ground investigation and flood risk.

Rev	Date	Int	Description
20	15.12.23	JW	Affordable rent note added to schedule of accomodation
19	13.12.23	JW	Bin store to plot 1 updated
18	13.12.23	JW	Plot 1 bin store moved to front of property and boundary treatment updated
17	08.12.23	JW	Drawing package updated to show increased wall depth with 195mm reveal
16	04.12.23	JW	Boundary shown between plot 2 and 3 following planning officers comments
15	24.11.23	JW	ASHP shown indicatively, window reveal updated to show 195mm reveal and boundary updated following planning officers comments
14	15.11.23	JW	ASHP removed from site plan to be made an above ground condition as requested by contractor
13	14.11.23	JW	Boundary updated, ASHP labelled on plan and plot 4 carparking moved following planning officers feedback
12	30.10.23	JW	Drawings revised following planning officer feedback on 27.10.23
11	28.09.23	JW	Drawing revised to show existing tree (T2) retained and parking sizes updated following planning officers comments
10	04.09.23	HG	Drawings revised following feedback from planner
9	27.07.23	HG	Boundary treatment updated following client meeting
8	24.07.23	JW	House types and site plan updated following value engineering, and Ecology, Biodiversity and Tree Surveys.
7	18.04.23	HG	Layout updated in line with client comments following meeting
6	27.02.23	RA	Site layout ammended
5	04.06.21	AP	GIA amended to corresponde with the Manchester's emerging space standards
4	22.04.21	JP	Drawing revised to show amended SoA
3	17.02.21	ED	Drawing revised following feedback from LPA
2	10.12.20	JP	Drawing revised following meeting with LPA
1	07.12.20	ED	Drawing revised following initial feedback from LPA



btp ARCHITECTS — RIBA Chartered Practice

CLIENT:
Jigsaw Homes

PROJECT:
Lathbury Road, Manchester

DESCRIPTION:
Schedules and Site Plan

PURPOSE OF ISSUE:
Planning

DRAWN BY:	CHECKED	DATE:	SCALE @ A1:
ED	VS	29.10.20	1 : 200

JOB NO:	STATUS CODE:	DRAWING NO:	REV
3788	S2	105	20

FILE IDENTIFIER:
LR-BTP-00-SP-DR-A-3788_105.20

Elizabeth House 486 Didsbury Road Heaton Mersey Stockport SK4 3BS
0161 443 1221 info@bernardtaylor.co.uk www.btparchitects.co.uk

APPENDIX 2

VISQUEEN® GAS BARRIER TECHNICAL DATASHEETS

Technical Datasheet

Visqueen Gas Barrier

Features & benefits

- BBA certified - third party accreditation
- Compliant with NHBC Foundation's NF94 guidelines for use in Type A membrane locations, provided there is no contact with uncured concrete or screed
- Compliant with the methane gas transmission rate, mass per unit area and thickness requirements of BS 8485:2015 + A1:2019 - industry standard for methane and carbon dioxide protection
- Also provides radon and damp proof membrane protection
- Dual jointing methods - depending upon specification, lap joints can be heat welded or taped

Product description

Visqueen Gas Barrier is a multi-layer reinforced polyethylene gas barrier with a 20 micron aluminium foil. Coloured blue on the upper surface & silver on the reverse. Supplied in single wound rolls (not folded), 2m x 50m.

Approvals and standards

- Third party accreditation (BBA 13/5069)
- Compliant with the methane gas transmission rate, mass per unit area and thickness requirements of BS 8485:2015 + A1:2019
- Suitable for all Characteristic Gas Situation (CS) ground gas regimes
- Compliant with NHBC Foundation's NF94 guidance for use in Type A membrane locations, provided that the barrier is not in contact with uncured concrete or screed.
- Conforms to the specification requirements of NHBC Amber 1 and Amber 2 applications
- Conforms to the specification requirements of BR 211:2023
- UKCA UKNI CE to EN 13967:2017
- Visqueen certified with Quality Management System ISO 9001:2015
- Visqueen certified with Occupational Health and Safety System ISO 45001:2018
- Visqueen certified with Environmental Management System ISO 14001:2015

Usage

Visqueen Gas Barrier is suitable for use in all types of buildings to prevent the ingress of harmful levels of ground gases e.g. methane, carbon dioxide and radon.

The barrier can be positioned above or below reinforced cast in situ concrete floor slabs or above precast suspended segmental subfloors, e.g. beam and block floor.

The barrier can also be used as a high performance radon membrane and/or damp proof membrane.

NHBC NF94 guidance: Radon, carbon dioxide, and methane
Visqueen Gas Barrier when installed with either taped or welded joints complies with NHBC Foundation's NF94 publication, Hazardous ground gas - an essential guide for housebuilders, in Type A membrane locations in precast suspended segmental subfloors and reinforced cast in situ concrete floor slabs (ground bearing, suspended or raft) provided it is not in contact with uncured concrete or screed during the build process.

For site or zone characteristic gas situations of CS4 and above, contact Visqueen Technical Office for further guidance.

The product is not intended for use where there is a risk of hydrostatic pressure.

System components

- VisqueenPro Double Sided Jointing Tape, 50mm x 10m
- Visqueen Gas Resistant Foil Lap Tape, 75mm x 50m
- VisqueenPro Detailing Strip, 300mm x 10m, 500mm x 10m
- Visqueen TreadGUARD 1500, 1m x 2m
- Visqueen TreadGUARD 300, 2m x 75m
- Visqueen Ultimate Top Hat Units
- Visqueen GR Lap Tape, 150mm x 10m
- Visqueen NF-Detailing Strip, 300mm x 10, 500mm x 10m
- Visqueen NF-60 Lap Tape, 60mm x 45m
- Visqueen NF-150 Lap Tape, 150mm x 10m

Storage and handling

When storing Visqueen Gas Barrier care should be taken to:
- store in its original packaging;
- avoid exposure to direct sunlight and high or low temperatures for prolonged periods of time;
- store in a well-ventilated covered area to protect from rain, frost, humidity and mechanical damage;
- store away from possible ignition sources;
- store rolls of the barrier horizontally on a flat surface and not stacked.

Care should be taken to avoid accidental damage to the product when handling on site.

Heanor Gate Road, Heanor, Derbyshire, DE75 7RG
+44 (0) 333 202 6800 I enquiries@visqueen.com I www.visqueen.com

Visqueen Gas Barrier

Care should be taken when handling the product in line with current manual handling regulations.

Preparation

Visqueen Gas Barrier should be installed on a smooth continuous surface e.g. grouted beam and block floor, a compacted blinding layer e.g. 50mm thick sand blinding, or smooth concrete blinding.

The substrate should be free from irregularities such as loose aggregates or other sharp protrusions, voids, projections or mortar deposits.

The barrier can be cut with a sharp retractable safety knife or robust scissors.

Hand rollers are required during lap joint formation and sealing barrier detailing. Typical hand rollers include 40mm silicone pressure roller and 6mm brass penny pressure roller.

Consult the project specification to ensure the correct method of lap joint formation for the project is followed (welded or taped).

Rolls of tape should be kept in a warm, dry location prior to use to ensure the tape is workable and can be more easily applied.

When installing the barrier in demanding site conditions, or where specified, use Visqueen GR Lap Tape or Visqueen NF-150 Lap Tape.

Installation

Installation of Visqueen Gas Barrier should be carried out by a competent contractor experienced with this type of product e.g. hold an NVQ Level 2 Diploma in substructure work occupations (Installation of Gas Membranes - Construction).

The installation should be subjected to third-party validation in accordance with BS 8485:2015 +A1:2019 and CIRIA C735.

The barrier should be loose laid on the substrate with the blue side up so as to avoid sunlight glare.

The barrier should be clean and dry at the time of jointing. It should be overlapped by at least 150mm, bonded with Visqueen Pro Double Sided Jointing Tape and sealed with Visqueen Gas Resistant Foil Lap Tape or Visqueen NF-60 Lap Tape. Alternatively lap joints can be heat welded to achieve an effective seal. The overlap in the barrier is typically 100mm and when hand welding, a 35mm weld is normally achieved. When hand welding, a roller must be used.

Airtight seals should be formed around all service entry points. Visqueen Preformed Top Hat Units are recommended for sealing service entry pipes. The base of the top hat and the upstand should be bonded using VisqueenPro Double Sided Jointing Tape and sealed with Visqueen Gas Resistant Foil Lap Tape or Visqueen NF-60 Lap Tape. The upstand should be secured with the supplied jubilee clip. Alternatively VisqueenPro Detailing Strip or Visqueen NF-Detailing Strip can be used to seal service entry points. The upstand should be secured with a jubilee clip.

Forming an effective barrier to gases may give rise to complex three-dimensional detailing where, it is recommended Visqueen Preformed Units are used e.g. corners. Alternatively VisqueenPro Detailing Strip or Visqueen NF-Detailing Strip can be used to seal awkward junctions.

If the barrier is punctured or perforated a patch of the same material should be lapped at least 150mm beyond the limits of the puncture and bonded with VisqueenPro Double Sided Jointing Tape and sealed with Visqueen Gas Resistant Foil Lap Tape or Visqueen NF-60 Lap Tape. Alternatively a patch can be formed using VisqueenPro Detailing Strip or Visqueen NF-Detailing Strip and lapped at least 150mm beyond the extents of the puncture.

Long periods of exposure to ultraviolet light will reduce the effectiveness of the barrier. The barrier should be covered by a protective layer e.g. Visqueen TreadGuard protection or other approved protection material, immediately after installation to prevent damage from following trades, ultraviolet light, etc. Care should be taken to ensure that the barrier is not punctured, stretched or displaced during or post installation.

Usable temperature range

When Visqueen Gas Barrier is installed with taped lap joints, the air temperature should not be below 5°C or falling to prevent the risk of surface condensation affecting the tape adhesion.

When ambient temperatures are above 25°C or rising, the barrier should be covered immediately after installation.

Additional information

When used in accordance BS8485:2015 + A1:2019 a subfloor ventilation system or pressure relief maybe required. To assist build sequencing, Visqueen Ultimate Gas DPC is available for gas protection through wall constructions. For further information or where protection against volatile organic compounds (VOCs) is required, contact Visqueen Technical Office on 0333 202 6800.

Heanor Gate Road, Heanor, Derbyshire, DE75 7RG
+44 (0) 333 202 6800 I enquiries@visqueen.com I www.visqueen.com

Technical Datasheet

Visqueen Gas Barrier

The information in this datasheet was correct at the time of publication. It is the user's responsibility to obtain the latest version of the datasheet as it is updated on a regular basis. The information contained in the latest datasheet supersedes all previously published editions.

Property	Test method	Units	Compliance criteria	Result
Dimensions	BS EN 1848-2	m		2 x 50
Overall thickness including scrim mesh	BS EN 1849-2	mm	+/-10%	0.52
Mass	BS EN 1849-2	g/m²	-0%/+5%	400
Tensile strength - MD	BS EN 12311	N/50mm	MLV	350
Tensile strength - CD	BS EN 12311	N/50mm	MLV	350
Tensile elongation - MD	BS EN 12311	%	MLV	20
Tensile elongation - CD	BS EN 12311	%	MLV	21
Joint strength	BS EN 12317-2	N	MLV	332
Watertightness at 2kPa for 24 hours	BS EN 1928	-	Pass/Fail	Pass
Resistance to impact	BS EN 12691	mm	MDV	150
Dart impact	BS EN 2782	g	MDV	731
Low temperature flexibility	BS EN 495-5	°C	MDV	-40
Durability against ageing	BS EN 1296 and BS EN 1928	-	Pass/Fail	Pass
Durability chemical resistance	BS EN 1847	-	Pass/Fail	Pass
Resistance to tearing (nail shank) CD	BS EN 12310-1	N	MDV	358
Resistance to tearing (nail shank) MD	BS EN 12310-1	N	MDV	368
Resistance to static loading	BS EN 12730	kg	MLV	20
Water vapour resistance	BS EN 1931	MNs/g	MDV	240,000
Water vapour permeability	BS EN 1931	g/m²/d	MDV	0.0008658
Water vapour resistance factor	BS EN 1931	µ	MDV	120,000,000
Equivalent air layer thickness	BS EN 1931	SD in m	MDV	47,700
BS 8485:2015 + A1:2019 testing requirements				
Mass	BS EN 1849-2	g/m²	Average >370	400
Methane gas transmission rate	BS ISO 15105-1	ml/m²/day/atm	MDV	<0.15
Puncture CBR	BS EN 12236	N	MDV	1114
Tensiles yield strength MD	ASTM D4885-01	kN/m	MDV	12.5
Tensiles yield strength CD	ASTM D4885-02	kN/m	MDV	7.3
Resistance to static loading	BS EN 12730	kg	>MLV	20
Yield elongation CD	ASTM D4885-04	%	MDV	19
Tear resistance - trouser method A - MD	BS ISO 34-1	kN/m	MDV	48.2
Tear resistance - trouser method A - CD	BS ISO 34-1	kN/m	MDV	44.8
Tear resistance - angle method B - MD	BS ISO 34-1	N	MDV	53.5
Tear resistance - angle method B - CD	BS ISO 34-1	N	MDV	60.6

Health and safety information

Refer to the Visqueen Gas Barrier safety datasheet (SDS).

Heanor Gate Road, Heanor, Derbyshire, DE75 7RG
+44 (0) 333 202 6800 I enquiries@visqueen.com I www.visqueen.com

Technical Datasheet

Visqueen Gas Barrier

About Visqueen

Visqueen is a leading provider of construction membrane technologies and design-based solutions for ground gas, structural waterproofing, damp proofing and fire protection.

We offer complete support at every stage of the specification, including the supply chain process. As the UK's principal technical authority, we are best placed to ensure that the principal designer and contractor specify the most technically suited, durable, and competitive solution to guarantee their project is protected for the lifetime of the building.

Visqueen is at the forefront of advanced membrane technology and innovation in the construction industry, earning the trust and loyalty of specifiers throughout the UK and Europe.

For more information, visit visqueen.com or contact our sales office at +44 (0) 333 202 6800 or enquiries@visqueen.com

Complete Range, Complete Solution



Passive Fire Protection | Gas Protection | Damp Proof Membrane | Air and Vapor Control | Stormwater | Damp Proof Course | Temporary Protection

Visqueen Technical Support

Visqueen offer a comprehensive full nationwide technical support. Our team of CSSW qualified technical support managers provide on site design-based solutions for specifiers, contractors and builders merchants, and will ensure that from design stage to installation the project is fully risk assessed and the specification is approved by all stakeholders.

Our Technical Office, can design, prepare and manage CAD detailing, together with assisting in quantity take offs, while offering advice on technical installations and product selection.

Competency & Design

Visqueen promotes competency in building design by ensuring that its technical team possesses the necessary skills, knowledge, experience, and ethical practices. The company adopts the "golden thread of information," ensuring all project data is digitally secure and accessible throughout a building's lifecycle. This approach aligns with the Building Safety Act and aims to foster accountability and compliance with evolving regulations, providing clients with confidence in the safety and reliability of their projects.

Visqueen CPD Seminars

Visqueen's CPD Seminars offer insights into Building Regulations, Standards, and industry guidance related to damp proofing, hazardous ground gas protection, and structural waterproofing. These one-hour seminars are tailored for construction design professionals and delivered by our Technical Support Managers. Visit our website to book a free CPD.

Visqueen Contract Design Services

Visqueen Contract Design Services offers a bespoke design service led by our team of Certified Surveyors in Structural Waterproofing (CSSW), providing experienced and specialised waterproofing design expertise for complex projects. We provide comprehensive support throughout the entire project, ensuring that all work meets the requirements of warranty providers and adheres to the highest standards of quality, reliability and current legislation.

Visqueen Training Academy

Based at our Derbyshire facility, the Visqueen Training Academy offers a variety of training programs across the UK. These include one-day product awareness sessions for distributors and builders' merchants, and intensive two-day courses for hands-on product installation training. Contact us for more information.

Heanor Gate Road, Heanor, Derbyshire, DE75 7RG
+44 (0) 333 202 6800 I enquiries@visqueen.com I www.visqueen.com

APPENDIX 3

GROUND GAS PROTECTION MEASURES VERIFIER QUALIFICATION CERTIFICATES

CERTIFICATE of ACCREDITATION

Paul Speakman

has been awarded the following accreditation

Gas Protection Verification Scheme (GPVS)

Specialist (SGPV)

Certificate No.: XCGqqHDyRp

Issued: 29 October 2024
Valid for 4 years from the above date

[redacted]

Richard Froggatt
CL:AIRE Chairman

CL:AIRE is a Charitable Company Limited by Guarantee
Registered in England 3740059 / Entrust Enrolment No. 119820 / Registered Charity No. 1075611
?Reading Business Centre, Fountain House, Queens Walk, Reading, RG1 7QF
Telephone: +44 (0)?118 228 1488?? | Email: enquiries@claire.co.uk | Website: www.claire.co.uk

APPENDIX 4

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD SHEETS

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	LATHBURY ROAD, JOHN SOUTHWORTH
Project No:	4259
Plot No. Inspected:	1 & 2
Date of Inspection:	02.07.25
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING

IGE consulting

Floor 1
15 Oxford Court
Manchester
M2 3WQ

Tel: 0161 914 9170
Email: contact@igeconsulting.co.uk
Web: www.igeconsulting.co.uk

INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	The membrane was Visqueen Gas Barrier which was correct. The jointing tape was correct, the lap tape was correct, top hats were site made from Visqueen Pro Detail tape which were acceptable. Visqueen Pro Detail tape for corners and nibs was correct.	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	The membrane was newly laid. One hole was observed and repaired during the verification.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	The jointing was satisfactory by GM Floorscreeds. Lap tape was lifted and the double sided tape physically checked in several positions.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	The coverage of the plot was fine, including cavities. Jointing of corners was satisfactory.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Service penetrations were all sealed with Visqueen pro Detail Tape to a satisfactory standard.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Perimeter vent grills were evident in the inspection. Additionally the Client has provided photographs of the plots that show, perimeter vents in place pre floor placement	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	N	The Client has provided photographs of vents through sleeper walls and the depths from the base of beam support to the base of subfllloor	N

This Plot has PASSED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: …Paul Speakman…… **Signed: ……** [redacted]

PHOTOGRAPHS



Figure 1 – General view of the plot. Pre Block and Beam floor showing perimeter and Sleeper Wall Vents, Depth of void is also visible



Figure 2 – Plots 1 & 2 ready for verification



Figure 3 – Corner formed using Visqueen Pro Detail tape to a satisfactory standard



Figure 4 – Corner formed using Visqueen Pro Detail tape to a satisfactory standard.



Figure 5 – Top hat formed by using Visqueen Pro Detail Tape to a satisfactory standard.



Figure 6 – Top hat formed by using Visqueen Pro Detail Tape to a satisfactory standard.



Figure 7 -- Top lap tape ealed back to check for double sided tape.

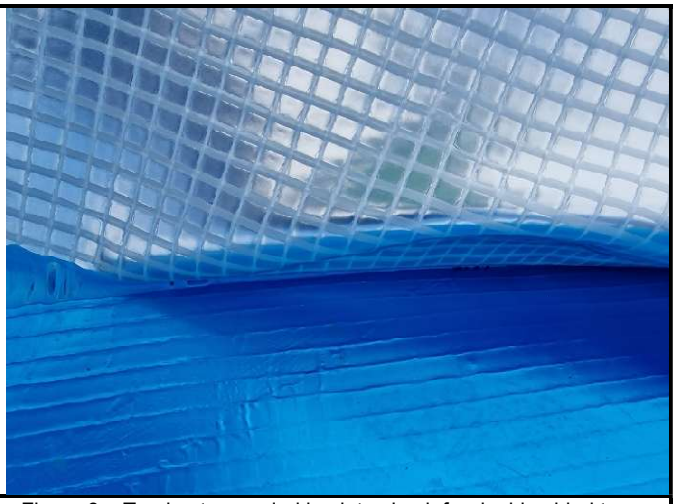


Figure 8 – Top lap tape ealed back to check for double sided tape



Figure 9 -- Cavities well covered



Figure 10 – View across plots 1 & 2



Figure 11 – Hole in membrane identified



Figure 12 – Repair patch added to damage in Figure 11



Figure 13 -- Perimeter Vents were evident



Figure 14 – Perimeter Vents were evident

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	LATHBURY ROAD, JOHN SOUTHWORTH
Project No:	4260
Plot No. Inspected:	3 & 4
Date of Inspection:	18.06.25
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING

IGE consulting

Floor 1
15 Oxford Court
Manchester
M2 3WQ

Tel: 0161 914 9170
Email: contact@igeconsulting.co.uk
Web: www.igeconsulting.co.uk

INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	The membrane was Visqueen Gas Barrier which was correct. The jointing tape was correct, the lap tape was correct,. Visqueen Pro Detail tape was correct.	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	The membrane was newly laid and free from rips, tears and holes,	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	The jointing was satisfactory GM Floorscreeds lap tape was lifted and the double sided tape physically checked.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	The coverage of the plot was fine, including cavities. Jointing of corners was satisfactory.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Top hats were all sealed with Visqueen pro Detail Tape detailed on site to a satisfactory standard	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Perimeter vent grills were evident in the inspection. Additionally the Client has provided photographs of the plots that show, perimeter vents in place pre floor placement	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	N	The Client has provided photographs of vents through sleeper walls and the depths from the base of beam support to the base of subfllloor	N

This Plot has PASSED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: …Paul Speakman…… **Signed: ……**



PHOTOGRAPHS



Figure 1 – General view of the plot 3 & 4. Pre Block and Beam floor showing perimeter and Sleeper Wall Vents, Depth of void is also visible



Figure 2 – Plots 3 & 4 Opposite View



Figure 3 – General Overview of completed membrane plots 3 & 4



Figure 4 – Corner formed using Visqueen Pro Detail tape to a satisfactory standard.



Figure 5 – Top hat formed by using Visqueen Pro Detail Tape to a satisfactory standard.



Figure 6 – Top hat formed by using Visqueen Pro Detail Tape to a satisfactory standard.



Figure 7 -- Top lap tape peaeed back to check for double sided tape.



Figure 8 – Top lap tape peeled back to check for double sided tape



Figure 9 -- Cavities well covered



Figure 10 – Nibs sealed with Visqueen Pro Detail Tape



Figure 11 – Perimeter Vents were evident



Figure 12 – Perimeter Vents were evident

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	LATHBURY ROAD, JOHN SOUTHWORTH
Project No:	4260
Plot No. Inspected:	5 & 6
Date of Inspection:	18.06.25
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING

IGE consulting

Floor 1
15 Oxford Court
Manchester
M2 3WQ

Tel: 0161 914 9170
Email: contact@igeconsulting.co.uk
Web: www.igeconsulting.co.uk

INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	The membrane was Visqueen Gas Barrier which was correct. The jointing tape was correct, the lap tape was correct,. Visqueen Pro Detail tape was correct.	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	The membrane was newly laid and free from rips, tears one small hole was identifies and repaired during verification.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	The jointing was satisfactory GM Floorscreeds lap tape was lifted and the double sided tape physically checked.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	The coverage of the plot was fine, including cavities. Jointing of corners was satisfactory.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Top hats were all sealed with Visqueen pro Detail Tape detailed on site to a satisfactory standard	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Perimeter vent grills were evident in the inspection. Additionally the Client has provided photographs of the plots that show, perimeter vents in place pre floor placement	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	N	The Client has provided photographs of vents through sleeper walls and the depths from the base of beam support to the base of subfllloor	N

This Plot has PASSED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: …Paul Speakman…… **Signed: ……** [redacted]

PHOTOGRAPHS



Figure 1 – General view of the plot 5 & 6. Pre Block and Beam floor showing perimeter and Sleeper Wall Vents, Depth of void is also visible



Figure 2 – Plots 5 & 6 Opposite View pre block and beam



Figure 3 – General Overview of completed membrane plots 3 & 4



Figure 4 – Corner formed using Visqueen Pro Detail tape to a satisfactory standard.



Figure 5 – Top hat formed by using Visqueen Pro Detail Tape to a satisfactory standard.



Figure 6 – Top hat formed by using Visqueen Pro Detail Tape to a satisfactory standard.



Figure 7 -- Top lap tape peeled back to check for double sided tape.



Figure 8 – Nibs sealed with Visqueen Pro Detail Tape



Figure 9 -- Cavities well covered



Figure 10 – Nibs and corners sealed with Visqueen Pro Detail Tape



Figure 11 – Small area of damage <2mm



Figure 12 – Repair to damage in Fig 11



Figure 13 -- Perimeter Vents in Place



Figure 14 -- Perimeter Vents in Place

APPENDIX 5

CHEMICAL TESTING RESULTS AT SOURCE

Freeland Horticulture Ltd
Rosedale Nursery
College Road
Hextable
Kent BR8 7LT

Attention: Philippa Lambourne

Our Ref: SLC-1439-SA

25 November 2025

Dear Philippa

Topsoil Analysis Report: Astley, Greater Manchester Topsoil November 2025

We have completed the analysis of the topsoil sample recently taken from the above site and it has been forwarded to an approved laboratory for analysis and have the pleasure of reporting our findings. The purpose of the analysis was to determine the suitability of the topsoil for general landscaping purposes and its compliance with the current British Standard for topsoil (BS3882).

SOIL SAMPLING & EXAMINATION

At the time of our sampling visit the topsoil was stored in a stockpile. A series of 10 hand augered trial holes were constructed across the stockpile for the purpose of soil examination and sample collection. As the soil examination confirmed a consistent topsoil composition, the ten samples were combined together to form one composite sample for analysis purposes. The soil was described as dark brown, slightly moist and friable with a well-developed, fine to medium granular structure. The soil contained a low fraction of small stones and no deleterious materials (eg. building waste materials, glass, roots or rhizomes of pernicious weeds) or unusual odours (eg. hydrocarbons) were recorded.

LABORATORY ANALYSIS

The topsoil sample was submitted to a UKAS and MCERTS accredited laboratory for routine physical and chemical parameters to confirm the composition and fertility of the soil. The following parameters were determined:

- pH & electrical conductivity values;
- major plant nutrients (N, P, K, Mg) & organic matter content;
- particle size distribution and stone content;
- heavy metals & potentially toxic elements (As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn, B);
- sulphate, sulphur, sulphide;
- total cyanide and total (mono) phenols;
- speciated PAHs (US EPA16)
- banded aromatic and aliphatic petroleum hydrocarbons (C_5-C_{35}).
- Asbestos

The results are presented on the attached Certificate of Analysis and an interpretation of the results is given below.

Freeland Horticulture - 01322 619161

COMMENTS

pH & Electrical Conductivity (salinity) Values

The sample was alkaline in nature (pH 8.5) with a pH value that would be considered suitable for general landscaping purposes.

The electrical conductivity (salinity) value using the soil:water extract was (1361µS/cm) indicating that soluble salts are not present at levels that would be harmful to plants.

The electrical conductivity values by $CaSO_4$ extract (BS3882 requirement) fell below the maximum specified value (3300µS/cm) given in BS3882:2015.

Organic Matter & Nutrient Status

The sample was rich in organic matter and all major plant nutrients. No further additions of compost or fertiliser are required, or indeed recommended, for at least the first growing season.

The C:N ratio of the sample was acceptable for general landscape purposes.

Particle Size Distribution & Stone Content

The sample contained 71% sand and fell into the sandy loam texture class. This particle size distribution is considered suitable for a broad range of landscape applications, including tree and shrub planting, turfing and seeding.

The sample was Virtually free from stones of 50 mm and upwards in diameter and only contained a slight fraction of smaller stones (6.0%). As such, stones will not restrict the use of the soil for landscaping purposes.

Potential Contaminants

We are not aware of any specified contaminant levels set for the proposed end-use of this topsoil. This includes human health, environmental protection and metals considered toxic to plants. In the absence of any site-specific assessment criteria, the concentrations that affect human health have been compare with the 'residential with homegrown produce' land use in the Suitable For Use Levels presented in. 'The LQM/CIEH S4UIs' for Human Health Risk Assessmet (2015) and DEFRA SP1010: 'Development of Category 4 Screening Levels' for Assessment of Land Affected by Contamination – Policy Companion Document (2014).

Of the potential contaminants determined, none was found at levels that would exceed their respective guideline values.

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil for general landscaping purposes. From the soil examination and laboratory analysis, the soil is described as an alkaline, non-saline, sandy loam. The organic matter and nutrient levels are acceptable, and no significant contamination was found with respect to the parameters determined. This soil would adhere to the current BS3882 specification for 'multipurpose grade'.

To conclude, based on our findings, the topsoil would be considered well-suited to general landscaping purposes provided the physical condition of the soil is maintained.

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if you have any queries or comments.

George Longmuir MSc Soil Sci. M.I Soil Sci.

Freeland Horticulture - 01322 619161

Freeland
HORTICULTURE LIMITED

Client	Freeland Horticulture Ltd
Job Name	Topsoil Analysis
Site	Astley, Greater Manchester
Month/Year	November 25
Our Ref	1439-SA
Date	25 November 2025

		Composite sample
pH Value & Salinity		
pH value (1:2.5 soil/water ext)	units	8.5
Electrical Conductivity (1:2.5 soil/water ext)	µS/cm	1361
Electrical Conductivity (1:2.5 soil/CaSO4 ext)	µS/cm	3255
Organic Matter & Nutrient Status		
Organic Matter (LOI)	%	7.5
Organic Carbon (Derived)	%	4.4
Total Nitrogen	%	0.195
Carbon:Nitrogen Ratio	:1	22.4
Available Phosphorus	mg/l	40.4
Available Potassium	mg/l	1104
Available Magnesium	mg/l	142
Particle Size Analysis & Stones		
Clay (<0.002mm)	%	13
Silt (0.063-0.002mm)	%	16
Sand (2.0-0.063mm)	%	71
Texture Class	UK Class	SandyLoam
Stones 2-20mm	% by DW	7.8
Stones 20-50mm	% by DW	12
Stones >50mm	% by DW	0.0
Potential Contaminants		
Total Arsenic (As)	mg/kg	4.6
Total Cadmium (Cd)	mg/kg	0.19
Total Chromium (Cr)	mg/kg	12.2
Hexavalent Chromium (CR^{VI})	mg/kg	1.0
Total Copper (Cu)	mg/kg	18.9
Total Lead (Pb)	mg/kg	46.6
Total Mercury (Hg)	mg/kg	<0.2
Total Nickel (Ni)	mg/kg	11.5
Total Selenium (Se)	mg/kg	0.14
Total Zinc (Zn)	mg/kg	47.7
Total Beryllium (Be)	mg/kg	<1
Total Barium (Ba)	mg/kg	61.3
Total Vanadium (V)	mg/kg	<10
Hot Water Soluble Boron (B)	mg/kg	1.1
Total Cyanide (CN)	mg/kg	<1
Elemental Sulphur (S)	mg/kg	5.3
Easily Liberated Sulphide (S^{2-})	mg/kg	<1
Water Soluble Sulphate (SO_4^{2-})	mg/l	214
Total Phenols Index	mg/kg	<1
Asbestos Screen	-	N.D.
Polyaromatic Hydrocarbons		
Naphthalene	mg/kg	0.1
Acenaphthylene	mg/kg	<0.05
Acenaphthene	mg/kg	0.1
Fluorene	mg/kg	0.1
Phenanthrene	mg/kg	0.8

Chain of Custody requires a Freeland Ticket - 01322 619161

Freeland Horticulture Ltd: Registered Address: Rosedale Nurery, College Road, Hextable, Kent BR8 7LT. Phone: 01322 619161
Email: enquires@freelandhorticulture.co.uk

Client	Freeland Horticulture Ltd	
Job Name	Topsoil Analysis	
Site	Astley, Greater Manchester	
Month/Year	November 25	
Our Ref	1439-SA	
Date	25 November 2025	
Anthracene	mg/kg	0.2
Fluoranthene	mg/kg	1.3
Pyrene	mg/kg	1.2
Benzo[a]anthracene	mg/kg	0.6
Chrysene	mg/kg	0.6
Benzo[b]fluoranthene	mg/kg	0.7
Benzo[k]fluoranthene	mg/kg	0.3
Benzo[a]pyrene	mg/kg	0.6
Indeno[1,2,3-cd]pyrene	mg/kg	0.5
Dibenzo[a,h]anthracene	mg/kg	0.1
Benzo[g,h,i]perylene	mg/kg	0.4
Total PAHs sum US EPA 16	mg/kg	7.8

Banded Petroleum Hydrocarbons

Aliphatic TPH >C_5-C_6	mg/kg	<0.05
Aliphatic TPH >C_6-C_8	mg/kg	0.12
Aliphatic TPH >C_8-C_{10}	mg/kg	<0.05
Aliphatic TPH >C_{10}-C_{12}	mg/kg	<10
Aliphatic TPH >C_{12}-C_{16}	mg/kg	<10
Aliphatic TPH >C_{16}-C_{21}	mg/kg	97.0
Aliphatic TPH >C_{21}-C_{35}	mg/kg	110
Aliphatic TPH >C_{35}-C_{44}	mg/kg	19.0

Aromatic TPH >C_5-C_7	mg/kg	<0.05
Aromatic TPH >C_7-C_8	mg/kg	0.05
Aromatic TPH >C_8-C_{10}	mg/kg	0.82
Aromatic TPH >C_{10}-C_{12}	mg/kg	<10
Aromatic TPH >C_{12}-C_{16}	mg/kg	<10
Aromatic TPH >C_{16}-C_{21}	mg/kg	46.0
Aromatic TPH >C_{21}-C_{35}	mg/kg	250
Aromatic TPH >C_{35}-C_{44}	mg/kg	41.0

Total Petroleum Hydrocarbons (C_5-C_{44})	mg/kg	582

BTEX

Benzene	mg/kg	<0.02
Toluene	mg/kg	<0.2
Ethyl Benzene	mg/kg	<0.04
m- & p- Xylene	mg/kg	<0.2
o-Xylene	mg/kg	<0.1

Chain of Custody requires a Freeland Ticket - 01322 619161

Results - Topsoil Report

BS3882:2015

Chemtest Job No.: 23-25218
Chemtest Sample ID.: 1679653
Client Sample Ref.:
Sample Location:
Client Sample ID.: 1
Top Depth (m):
Bottom Depth (m):
Date Sampled: 25/08/2025
Time Sampled:

Parameter	Units	Multipurpose Range			Result	Compliant with Multipurpose Range? (Y/N)	Compliant with Specific Purpose Range? (Y/N)		
Texture							Acid	Low F	Calc.
Clay content (Sub Contracted)	%				7.7				
Silt content (Sub Contracted)	%				26				
Sand content (Sub Contracted)	%				66				
Soil texture class		See Attached Chart			Sandy Loam	YES			
Mass Loss on Ignition									
Clay 5-20%		3.0-20			4.9	YES	YES	YES	YES
Clay 20-35%		5.0-20							
Stone Content	% m/m								
>2mm (Sub Contracted)		0-30			13	YES			
>20mm (Sub Contracted)		0-10			0.20	YES			
>50mm (Sub Contracted)		0			< 0.10	YES			
Soil pH value		5.5-8.5			[A] 8.0	YES	NO	YES	YES
Carbonate (Calcareous only)	%				1.8				YES
Electrical Conductivity	µS/cm	If >3300 do ESP			[A] 2500	YES			
Available Nutrient Content									
Nitrogen %		>0.15			0.25	YES	YES		YES
Extractable phosphorus	mg/l	16-140			16	YES	YES	YES	YES
Extractable potassium	mg/l	121-1500			140	YES	YES		YES
Extractable magnesium	mg/l	51-600			73	YES	YES		YES
Carbon : Nitrogen Ratio		<20:1			11.3/1	YES	YES	YES	YES
Exchangeable sodium	%	<15			4.0				
Available Calcium	mg/l				390				
Available Sodium	mg/l				100				
Phytotoxic Contaminants (by soil pH)		< 6.0	6.0-7.0	> 7.0					
Zinc (Nitric Acid extract)	mg/kg	<200	<200	<300	77	YES			
Copper (Nitric Acid extract)	mg/kg	<100	<135	<200	30	YES			
Nickel (Nitric Acid extract)	mg/kg	<60	<75	<110	12	YES			
Visible Contaminants	% mm								
>2mm		<0.5			0.000	YES			
..... of which plastics		<0.25			0.000	YES			
..... man-made sharps		zero in 1kg			0.000	YES			

ANALYTICAL TEST REPORT

Report Number	26-03257, issue number 1
Contract name:	Lathbury Road, Manchester M9 5GE
Client reference:	Not Supplied
Clients name:	DHI Excavations Ltd
Clients address:	DHI Excavations Ltd 11-13 Church Street Farnworth BL4 8AG
Samples received:	19/03/2026
Analysis started:	20/03/2026
Analysis completed:	30/03/2026
Report issued:	30/03/2026

Key

U UKAS accredited test
M MCERTS & UKAS accredited test
(B) Analysis performed at Southampton Site
I/S Insufficient sample to carry out test
U/S Sample not suitable for testing
NAD No Asbestos Detected
Full key available on Information page

[redacted]

Approved by:

Georgia Hunter
Senior Reporting Administrator

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
% Moisture reported as MCERTS drying at 30°C

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
96135	Sample 1	-	Brown Sand with Gravel and Vegetation.	-	-	10.9

SOILS

Lab Number					96135
Client Reference					1
Sample ID					Sample 1
Sampling Date					17/03/2026
Test	**Method**	**Accred**	**LoD**	**Units**	
Asbestos					
Asbestos Identification	SUBCON	SU	0	-	NAD
Metals					
Acid Soluble Sulphate (SO4)	CE062	M	100	mg/kg	212
Arsenic	CE264	M	2.3	mg/kg	9.1
Barium	CE264	M	7.6	mg/kg	77.3
Cadmium	CE264	M	1.1	mg/kg	< 1.1
Chromium	CE264	U	1.3	mg/kg	12.7
Copper	CE264	M	1.2	mg/kg	21.7
Lead	CE264	U	2.4	mg/kg	51.3
Mercury	CE264	M	0.6	mg/kg	< 0.6
Nickel	CE264	M	1.6	mg/kg	11.4
Selenium	CE264	M	3	mg/kg	< 3.0
Vanadium	CE264	M	1.6	mg/kg	13.4
Zinc	CE264	M	2.4	mg/kg	86.9
Colourimetric					
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0
Free Cyanide	CE077	N	1	mg/kg	< 1.0
Combustion					
Moisture Content	CE001	N	0.1	%	10.9
TPH Ali/Aro					
>C5-C44 Aliphatic (EH_2D_AL)	CE250	N	7	mg/kg	< 7.00
>C5-C44 Aromatic (EH_2D_AR)	CE250	N	7	mg/kg	16.5
>C5-C44 Total (HS_1D_MS+EH_2D_Total)	CE250	N	14	mg/kg	20.0
Polyaromatic hydrocarbons					
Naphthalene	CE087	M	0.016	mg/kg	0.035
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	0.116
Fluorene	CE087	U	0.013	mg/kg	0.068
Phenanthrene	CE087	M	0.014	mg/kg	0.823

SOILS

Lab Number					96135
Client Reference					1
Sample ID					Sample 1
Sampling Date					17/03/2026
Test	**Method**	**Accred**	**LoD**	**Units**	
Anthracene	CE087	U	0.017	mg/kg	0.243
Fluoranthene	CE087	M	0.017	mg/kg	1.23
Pyrene	CE087	M	0.016	mg/kg	1.12
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.580
Chrysene	CE087	M	0.028	mg/kg	0.511
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.627
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.216
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.511
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.366
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.072
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.284
Total PAH(16)	CE087	N	0.28	mg/kg	6.79
Total Petroleum Hydrocarbons					
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0
>C35-C44 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	1.0
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	1.9
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	3.5
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	8.6
>C35-C44 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0
Wet Chem					
pH	CE004	M	0.1	pH units	8.6

SOIL VOCS

Lab Number					96135
Client Reference					1
Sample ID					Sample 1
Sampling Date					17/03/2026
Test	**Method**	**Accred**	**LoD**	**Units**	
VOC					
Benzene	CE174	N	0.01	mg/kg	< 0.010
Toluene	CE174	N	0.01	mg/kg	< 0.010
Ethylbenzene	CE174	N	0.01	mg/kg	< 0.010
m,p-Xylene	CE174	N	0.01	mg/kg	< 0.010
o-xylene	CE174	N	0.01	mg/kg	< 0.010
1,1-Dichloroethane	CE174	N	0.01	mg/kg	< 0.010
Chloroform	CE174	N	0.01	mg/kg	< 0.010
Tetrachloromethane	CE174	N	0.01	mg/kg	< 0.010
1,1,1-Trichloroethane	CE174	N	0.01	mg/kg	< 0.010
Trichloroethylene	CE174	N	0.01	mg/kg	< 0.010
Tetrachloroethylene	CE174	N	0.01	mg/kg	< 0.010
Chlorobenzene	CE174	N	0.01	mg/kg	< 0.010
Bromobenzene	CE174	N	0.01	mg/kg	< 0.010
Bromodichloromethane	CE174	N	0.01	mg/kg	< 0.010
1,1-Dichloro-1-propene	CE174	N	0.01	mg/kg	< 0.010
Trans - 1-2 -dichloroethylene	CE174	N	0.01	mg/kg	< 0.010
2,2-Dichloropropane	CE174	N	0.01	mg/kg	< 0.010
Bromochloromethane	CE174	N	0.01	mg/kg	< 0.010
1,2-Dichloroethane	CE174	N	0.01	mg/kg	< 0.010
Dibromomethane	CE174	N	0.01	mg/kg	< 0.010
1,2-Dichloropropane	CE174	N	0.01	mg/kg	< 0.010
1,1,2-Trichloroethane	CE174	N	0.01	mg/kg	< 0.010
Dibromochloromethane	CE174	N	0.01	mg/kg	< 0.010
1,3-Dichloropropane	CE174	N	0.01	mg/kg	< 0.010
1,2-dibromoethane	CE174	N	0.01	mg/kg	< 0.010
Styrene	CE174	N	0.01	mg/kg	< 0.010
Propylbenzene	CE174	N	0.01	mg/kg	< 0.010
2-Chlorotoluene	CE174	N	0.01	mg/kg	< 0.010
1,2,4-Trimethylbenzene	CE174	N	0.01	mg/kg	< 0.010
4-Chlorotoluene	CE174	N	0.01	mg/kg	< 0.010

SOIL VOCS

Lab Number					96135
Client Reference					1
Sample ID					Sample 1
Sampling Date					17/03/2026
Test	**Method**	**Accred**	**LoD**	**Units**	
t-butylbenzene	CE174	N	0.01	mg/kg	< 0.010
1,3,5-Trimethylbenzene	CE174	N	0.01	mg/kg	< 0.010
1,3-Dichlorobenzene	CE174	N	0.01	mg/kg	< 0.010
Butylbenzene	CE174	N	0.01	mg/kg	< 0.010
Hexachlorobutadiene	CE174	N	0.01	mg/kg	< 0.010
1-2-3 - Trichlorobenzene	CE174	N	0.01	mg/kg	< 0.010
Naphthalene	CE174	N	0.01	mg/kg	< 0.010
1-2-4 - Trichlorobenzene	CE174	N	0.01	mg/kg	< 0.010
1,4-Dichlorobenzene	CE174	N	0.01	mg/kg	< 0.010
1,2-Dichlorobenzene	CE174	N	0.01	mg/kg	< 0.010
Bromoform	CE174	N	0.01	mg/kg	< 0.010
1,2-Dibromo-3-Chloropropane	CE174	N	0.01	mg/kg	< 0.010
4-Isopropyltoluene_(p-Cymene)	CE174	N	0.01	mg/kg	< 0.010
1,1,1,2-Tetrachloroethane	CE174	N	0.01	mg/kg	< 0.010
Bromomethane	CE174	N	0.03	mg/kg	< 0.030
Chloroethane	CE174	N	0.01	mg/kg	< 0.010
Chloromethane	CE174	N	0.01	mg/kg	< 0.010
Cis-1,2-Dichloroethene	CE174	N	0.01	mg/kg	< 0.010
cis-1,3-Dichloro-1-Propene	CE174	N	0.01	mg/kg	< 0.010
1,1,2,2-Tetrachloroethane	CE174	N	0.01	mg/kg	< 0.010
Dichlorodifluoromethane_(CFC-12)	CE174	N	0.01	mg/kg	< 0.010
Dichloromethane	CE174	N	0.01	mg/kg	< 0.010
Isopropylbenzene_(Cumene)	CE174	N	0.01	mg/kg	< 0.010
MTBE	CE174	N	0.01	mg/kg	< 0.010
sec-Butylbenzene	CE174	N	0.01	mg/kg	< 0.010
trans-1,3-Dichloro-1-Propene	CE174	N	0.01	mg/kg	< 0.010
Trichlorofluoromethane_(CFC-11)	CE174	N	0.01	mg/kg	< 0.010
Vinyl chloride	CE174	N	0.01	mg/kg	< 0.010
1,1-Dichloroethene	CE174	N	0.01	mg/kg	< 0.010
1,2,3-Trichloropropane	CE174	N	0.01	mg/kg	< 0.010

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
CE250	GCXGC in Soil	DCM Extraction and GCxGC-FID	As submitted sample
SUBCON	Asbestos Soil	HSG248	Air Dried Sample
CE174	VOC in Soil	HS-GCMS	As submitted sample
CE062	Acid Soluble Sulphate in Soils	HCl Extract and ICPOES	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Soil	Continuous Flow Analyser	As submitted sample
CE077	Cyanides in Soils	Continuous Flow Analyser	As submitted sample

DEVIATING SAMPLE INFORMATION

Comments
Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.
For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.
Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

a	Sampling date not provided
b	Sampling time not provided (waters only)
c	Sample not received in appropriate containers
d	Storage Temperature
e	Headspace present in sample container
f	Sample exceeded sampling to receipt
g	Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
96135	Sample 1	-	N	

REPORT INFORMATION

Report No.:26-03257, issue number 1

Key

U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis (at 30°C)

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Where sampling was undertaken by Chemtech Environmental Limited it is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis (30°C). Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones and 'inert' material, where applicable.

'Client Reference', 'Sample ID', 'Sample Location', 'Sample Type', 'Depth', 'Sample Date' and 'Sample Time' information is provided by the customer

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Unless specifically identified (noted as "(B)" in analyte name) all internal analysis performed at Durham site

Vat Reg No. 772 5703 18 Registered in England number 4284013

APPENDIX 6

CHEMICAL TESTING RESULTS AT SITE AND SCREENING TABLES

IGE Consulting
Office 11
Bartle House
Oxford Court
Manchester
M2 3WQ

t:

e: Admin@igeconsulting.co.uk

[redacted]

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

t: 01923 225404
f: 01923 237404
e: info-i2analytical@normecgroup.com

Analytical Report Number : 26-015094

Project / Site name:	Lathbury	**Samples received on:**	23/03/2026
Your job number:	4259	**Samples instructed on/ Analysis started on:**	23/03/2026
Your order number:	4259 CC	**Analysis completed by:**	31/03/2026
Report Issue Number:	1	**Report issued on:**	31/03/2026
Samples Analysed:	6 soil samples		

[redacted]

Signed:

Anna Goc
PL Head of Reporting Team
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.

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 26-015094
Project / Site name: Lathbury
Your Order No: 4259 CC

Lab Sample Number				867959	867960	867961	867962	867963
Sample Reference				TS01	TS02	TS03	SS01	SS02
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)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				20/03/2026	20/03/2026	20/03/2026	20/03/2026	20/03/2026
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					
Mass of stone >10mm	%	0.1	NONE	< 0.1	< 0.1	< 0.1	16.6	30.4
Moisture Content	%	0.01	NONE	19	15	19	12	13
Total mass of sample received	kg	0.1	NONE	1	0.7	1	1.1	1
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	30/03/2026	30/03/2026	30/03/2026	30/03/2026	30/03/2026
General Inorganics								
pH (L099)	pH Units	N/A	MCERTS	7.8	7.6	7.9	7.7	10.4
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Water Soluble Sulphate as SO_4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	430	810	500	130	470
Water Soluble SO_4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	215	403	249	64.4	233
Organic Matter (automated)	%	0.1	MCERTS	5.2	3	4.7	2.4	2.6
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	-	-	-	1.4	1.5
Water Soluble Nitrate (2:1) as NO_3 (leachate equivalent)	mg/l	0.9	N/A	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.26	< 0.05	0.19	0.24
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.14
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.09	< 0.05	0.73	0.59
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.07	< 0.05	0.48	0.46
Phenanthrene	mg/kg	0.05	MCERTS	0.2	0.61	0.23	4.2	4.3
Anthracene	mg/kg	0.05	MCERTS	0.07	0.16	0.07	0.98	1
Fluoranthene	mg/kg	0.05	MCERTS	0.35	0.92	0.44	4.5	5.5
Pyrene	mg/kg	0.05	MCERTS	0.35	0.86	0.42	4.1	5.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.41	0.24	1.7	2.4
Chrysene	mg/kg	0.05	MCERTS	0.21	0.44	0.25	1.7	2.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.27	0.56	0.38	2	2.6
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.1	0.2	0.11	0.67	0.98
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.2	0.43	0.26	1.6	2.2
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.12	0.25	0.15	0.8	1.1
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	0.19	0.24
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.16	0.29	0.19	0.93	1.3
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	2.02	5.61	2.74	24.7	30.1

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 26-015094
Project / Site name: Lathbury
Your Order No: 4259 CC

Lab Sample Number				867959	867960	867961	867962	867963
Sample Reference				TS01	TS02	TS03	SS01	SS02
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)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				20/03/2026	20/03/2026	20/03/2026	20/03/2026	20/03/2026
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.8	6.9	3.9	7.4	9.6
Barium (aqua regia extractable)	mg/kg	1	MCERTS	110	110	110	70	110
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.37	0.5	0.38	0.47	0.5
Boron (water soluble)	mg/kg	0.2	MCERTS	1.5	1.3	1.7	0.5	0.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	11	13	12	12	11
Copper (aqua regia extractable)	mg/kg	1	MCERTS	18	22	18	19	48
Lead (aqua regia extractable)	mg/kg	1	MCERTS	19	37	19	34	100
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	15	12	13	12
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	13	16	13	16	16
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	46	54	47	48	61
Petroleum Hydrocarbons								
TPHCWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	MCERTS	46	24	42	< 8.0	9.8
TPHCWG - Aliphatic >EC35 - EC44 $_{EH_CU_1D_AL}$	mg/kg	8.4	NONE	25	10	17	< 8.4	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	46	24	42	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC44 $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	71	34	59	< 10	< 10
TPHCWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	3.3	7
TPHCWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	MCERTS	< 10	< 10	< 10	14	29
TPHCWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	MCERTS	30	< 10	10	25	41
TPHCWG - Aromatic >EC35 - EC44 $_{EH_CU_1D_AR}$	mg/kg	8.4	NONE	26	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aromatic >EC5 - EC35 $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	30	< 10	10	42	76
TPHCWG - Aromatic >EC5 - EC44 $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	56	< 10	10	42	76
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

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

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 26-015094
Project / Site name: Lathbury
Your Order No: 4259 CC

Lab Sample Number				867964
Sample Reference				SS03
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				None Supplied
Date Sampled				20/03/2026
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**	
Mass of stone >10mm	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	13
Total mass of sample received	kg	0.1	NONE	1.1

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	KWB
Analysis completed	N/A	N/A	N/A	30/03/2026

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	7.9
Total Cyanide	mg/kg	1	MCERTS	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0
Water Soluble Sulphate as SO_4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	150
Water Soluble SO_4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	74.7
Organic Matter (automated)	%	0.1	MCERTS	1.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.1
Water Soluble Nitrate (2:1) as NO_3 (leachate equivalent)	mg/l	0.9	N/A	< 0.90

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.15
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.59
Fluorene	mg/kg	0.05	MCERTS	0.42
Phenanthrene	mg/kg	0.05	MCERTS	4.1
Anthracene	mg/kg	0.05	MCERTS	1.2
Fluoranthene	mg/kg	0.05	MCERTS	5.4
Pyrene	mg/kg	0.05	MCERTS	4.9
Benzo(a)anthracene	mg/kg	0.05	MCERTS	2.2
Chrysene	mg/kg	0.05	MCERTS	1.9
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.3
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.88
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.99
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.24
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.2

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	28.4

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 26-015094
Project / Site name: Lathbury
Your Order No: 4259 CC

Lab Sample Number				867964
Sample Reference				SS03
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				None Supplied
Date Sampled				20/03/2026
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**	
Heavy Metals / Metalloids				
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.2
Barium (aqua regia extractable)	mg/kg	1	MCERTS	78
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.51
Boron (water soluble)	mg/kg	0.2	MCERTS	0.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	11
Copper (aqua regia extractable)	mg/kg	1	MCERTS	21
Lead (aqua regia extractable)	mg/kg	1	MCERTS	38
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	13
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	16
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	50
Petroleum Hydrocarbons				
TPHCWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	MCERTS	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	MCERTS	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	MCERTS	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	MCERTS	< 8.0
TPHCWG - Aliphatic >EC35 - EC44 $_{EH_CU_1D_AL}$	mg/kg	8.4	NONE	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	< 10
TPHCWG - Aliphatic >EC5 - EC44 $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	< 10
TPHCWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.02	MCERTS	< 0.020
TPHCWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	MCERTS	< 1.0
TPHCWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	MCERTS	< 2.0
TPHCWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	MCERTS	< 10
TPHCWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	MCERTS	25
TPHCWG - Aromatic >EC35 - EC44 $_{EH_CU_1D_AR}$	mg/kg	8.4	NONE	< 8.4
TPHCWG - Aromatic >EC5 - EC35 $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	25
TPHCWG - Aromatic >EC5 - EC44 $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	25
VOCs				
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0

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

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number : 26-015094
Project / Site name: Lathbury

* 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 *
867959	TS01	None Supplied	None Supplied	Brown clay and loam with gravel and vegetation
867960	TS02	None Supplied	None Supplied	Brown sandy loam with gravel and vegetation
867961	TS03	None Supplied	None Supplied	Brown loam and sand with gravel and vegetation
867962	SS01	None Supplied	None Supplied	Brown sandy loam with gravel and stones
867963	SS02	None Supplied	None Supplied	Brown sandy loam with gravel and stones
867964	SS03	None Supplied	None Supplied	Brown sandy loam with gravel and vegetation

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number : 26-015094
Project / Site name: Lathbury

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
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content (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
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES	In-house method based on Second Site Properties version 3	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
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 (low level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	NONE
Free cyanide in soil	Determination of free 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
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
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

Analytical Report Number : 26-015094
Project / Site name: Lathbury

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
Water Soluble Nitrate (2:1) as NO3 in soil	Determination of nitrate as NO3 in soil by discrete method	In-house method by discrete analyzer based on TON as N, Total Oxidized Nitrogen (Vanadium Chloride reduction), Thermo Fisher Scientific, MANUAL 2015-0	L082B	W	N/A
Soil Descriptions	Textural classification	In-house method	L019B	W	NONE
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

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 30oC.
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

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

Project: Lathbury Road

Job No: 4259

Lab Sample Number			867959.00	867960.00	867961.00	867962.00	867963.00	867964.00	Statistical Analysis					GAC - S4UL unless stated			
Sample Reference			TS01	TS02	TS03	SS01	SS02	SS03						Statistical Results			
Sample Number			-	-	-	-	-	-									
Depth (m)			-	-	-	-	-	-									
Date Sampled			20/03/2026	20/03/2026	20/03/2026	20/03/2026	20/03/2026	20/03/2026	Count	Standard Deviation	Minimum	Maximum	Average	Maximum	2.5% Residential with Home Grown Produce	Pass/ Fail	Exceedances
Analytical Parameter (Soil Analysis)	**Units**	**LoD**															
Stone Content	%	0.1	0.10	0.10	0.10	16.60	30.40	0.10	6	12.85	0.1	30.4	7.9	30.4			
Moisture Content	%	0.01	19.00	15.00	19.00	12.00	13.00	13.00	6	3.13	12.00	19.00	15.17	19.00			
Total mass of sample received	kg	0.1	1.00	0.70	1.00	1.10	1.00	1.10	6	0.15	0.700	1.100	0.983	1.100			
Asbestos																	
Asbestos in Soil Screen	Type	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	6	-	-	-	-				
General Inorganics																	
pH - Automated	pH Units	N/A	7.80	7.60	7.90	7.70	10.40	7.90	6	1.08	7.60	10.40	8.22				
Total Cyanide	mg/kg	1	1.00	1.00	1.00	1.00	1.00	1.00	6	0.00	1.00	1.00	1.00	1.00	**60**	Pass	0
Free Cyanide	mg/kg	1	1.00	1.00	1.00	1.00	1.00	1.00	6	0.00	1.00	1.00	1.00	1.00	**60**	Pass	0
Water Soluble Sulfate as SO4 16hr extraction (2:1)	mg/kg	2.5	430.00	810.00	500.00	130.00	470.00	150.00	6	252.17	130.00	810.00	415.00				
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	215.00	403.00	249.00	64.40	233.00	74.70	6	125.50	64.40	403.00	206.52				
Organic Matter (automated)	%	0.1	5.20	3.00	4.70	2.40	2.60	1.90	6	1.34	1.90	5.20	**3.30**				
Total Organic Carbon (automated)	%	0.1	-	-	-	1.40	1.50	1.10	3	0.21	1.10	1.50	**1.33**				
Water Soluble Nitrate (2:1) as NO3 (leachate equivalent)	mg/l	0.9	0.90	0.90	0.90	0.90	0.90	0.90	6	0.00	0.90	0.90	0.90				
Speciated PAHs																	
Naphthalene	mg/kg	0.05	0.05	0.26	0.05	0.19	0.24	0.15	6	0.09	0.05	0.26	0.16	0.26	**5.60**	Pass	0
Acenaphthylene	mg/kg	0.05	0.05	0.05	0.05	0.05	0.14	0.05	6	0.04	0.05	0.14	0.07	0.14	**420**	Pass	0
Acenaphthene	mg/kg	0.05	0.05	0.09	0.05	0.73	0.59	0.59	6	0.32	0.05	0.73	0.35	0.73	**510**	Pass	0
Fluorene	mg/kg	0.05	0.05	0.07	0.05	0.48	0.46	0.42	6	0.22	0.05	0.48	0.26	0.48	**400**	Pass	0
Phenanthrene	mg/kg	0.05	0.20	0.61	0.23	4.20	4.30	4.10	6	2.12	0.20	4.30	2.27	4.30	**220**	Pass	0
Anthracene	mg/kg	0.05	0.07	0.16	0.07	0.98	1.00	1.20	6	0.53	0.07	1.20	0.58	1.20	**5400**	Pass	0
Fluoranthene	mg/kg	0.05	0.35	0.92	0.44	4.50	5.50	5.40	6	2.53	0.35	5.50	2.85	5.50	**560**	Pass	0
Pyrene	mg/kg	0.05	0.35	0.86	0.42	4.10	5.10	4.90	6	2.31	0.35	5.10	2.62	5.10	**1200**	Pass	0
Benzo(a)anthracene	mg/kg	0.05	0.05	0.41	0.24	1.70	2.40	2.20	6	1.05	0.05	2.40	1.17	2.40	**11.00**	Pass	0
Chrysene	mg/kg	0.05	0.21	0.44	0.25	1.70	2.10	1.90	6	0.89	0.21	2.10	1.10	2.10	**22**	Pass	0
Benzo(b)fluoranthene	mg/kg	0.05	0.27	0.56	0.38	2.00	2.60	2.30	6	1.06	0.27	2.60	1.35	2.60	**3.30**	Pass	0
Benzo(k)fluoranthene	mg/kg	0.05	0.10	0.20	0.11	0.67	0.98	0.88	6	0.40	0.10	0.98	0.49	0.98	**93**	Pass	0
Benzo(a)pyrene	mg/kg	0.05	0.20	0.43	0.26	1.60	2.20	2.00	6	0.92	0.20	2.20	1.12	2.20	**2.70**	Pass	0
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	0.12	0.25	0.15	0.80	1.10	0.99	6	0.45	0.12	1.10	0.57	1.10	**36**	Pass	0
Dibenz(a,h)anthracene	mg/kg	0.05	0.05	0.06	0.05	0.19	0.24	0.24	6	0.09	0.05	0.24	0.14	0.24	**0.28**	Pass	0
Benzo(ghi)perylene	mg/kg	0.05	0.16	0.29	0.19	0.93	1.30	1.20	6	0.53	0.16	1.30	0.68	1.30	**340**	Pass	0
Total PAH																	
Speciated Total EPA-16 PAHs	mg/kg	0.8	2.02	5.61	2.74	24.70	30.10	28.40	6	13.46	2.02	30.10	15.60				
Heavy Metals / Metalloids																	
Arsenic (aqua regia extractable)	mg/kg	1	3.80	6.90	3.90	7.40	9.60	8.20	6	2.34	3.80	9.60	6.63	9.60	**37**	Pass	0
Barium (aqua regia extractable)	mg/kg	1	110.00	110.00	110.00	70.00	110.00	78.00	6	18.76	70.00	110.00	98.00	110.00	-	Pass	0
Boron (water soluble)	mg/kg	0.2	1.50	1.30	1.70	0.50	0.70	0.50	6	0.53	0.50	1.70	1.03	1.70	**290**	Pass	0
Cadmium (aqua regia extractable)	mg/kg	0.2	0.20	0.20	0.20	0.20	0.20	0.20	6	0.00	0.20	0.20	0.20	0.20	**11**	Pass	0
Chromium (hexavalent)	mg/kg	1.2	1.20	1.20	1.20	1.20	1.20	1.20	6	0.00	1.20	1.20	1.20	1.20	**6**	Pass	0
Chromium (aqua regia extractable)	mg/kg	1	11.00	13.00	12.00	12.00	11.00	11.00	6	0.82	11.00	13.00	11.67	13.00	**910**	Pass	0
Copper (aqua regia extractable)	mg/kg	1	18.00	22.00	18.00	19.00	48.00	21.00	6	11.71	18.00	48.00	24.33	48.00	**2400**	Pass	0
Lead (aqua regia extractable)	mg/kg	1	19.00	37.00	19.00	34.00	100.00	38.00	6	30.08	19.00	100.00	41.17	100.00	**200**	Pass	0
Mercury (aqua regia extractable)	mg/kg	0.3	0.30	0.30	0.30	0.30	0.30	0.30	6	0.00	0.30	0.30	0.30	0.30	**40**	Pass	0
Nickel (aqua regia extractable)	mg/kg	1	12.00	15.00	12.00	13.00	12.00	13.00	6	1.17	12.00	15.00	12.83	15.00	**130**	Pass	0
Selenium (aqua regia extractable)	mg/kg	1	1.00	1.00	1.00	1.00	1.00	1.00	6	0.00	1.00	1.00	1.00	1.00	**250**	Pass	0
Vanadium (aqua regia extractable)	mg/kg	1	13.00	16.00	13.00	16.00	16.00	16.00	6	1.55	13.00	16.00	15.00	16.00	**410**	Pass	0
Zinc (aqua regia extractable)	mg/kg	1	46.00	54.00	47.00	48.00	61.00	50.00	6	5.66	46.00	61.00	51.00	61.00	**3700**	Pass	0
Monoaromatics & Oxygenates																	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	5.00	5.00	5.00	5.00	5.00	5.00	6	0.00	5	5	5.00		-		
Benzene	µg/kg	5	5.00	5.00	5.00	5.00	5.00	5.00	6	0.00	5	5	5.00	5	**170**	Pass	0
Toluene	µg/kg	5	5.00	5.00	5.00	5.00	5.00	5.00	6	0.00	5	5	5.00	5	**290000**	Pass	0
Ethylbenzene	µg/kg	5	5.00	5.00	5.00	5.00	5.00	5.00	6	0.00	5	5	5.00	5	**110000**	Pass	0
p & m-xylene	µg/kg	8	8.00	8.00	8.00	8.00	8.00	8.00	6	0.00	8	8	8.00	8	**130000**	Pass	0
o-xylene	µg/kg	5	5.00	5.00	5.00	5.00	5.00	5.00	6	0.00	5	5	5.00	5	**140000**	Pass	0
Petroleum Hydrocarbons																	
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	6	0.000	0.010	0.010	0.010	0.010	**78**	Pass	0
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	6	0.000	0.010	0.010	0.010	0.010	**230**	Pass	0
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	6	0.000	0.010	0.010	0.010	0.010	**65**	Pass	0
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	1.00	1.00	1.00	1.00	1.00	1.00	6	0.00	1.00	1.00	1.00	1.00	**330**	Pass	0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	2.00	2.00	2.00	2.00	2.00	2.00	6	0.00	2.00	2.00	2.00	2.00	**2400**	Pass	0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	8.00	8.00	8.00	8.00	8.00	8.00	6	0.00	8.00	8.00	8.00	8.00	-		
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	46.00	24.00	42.00	8.00	9.80	8.00	6	17.41	8.00	46.00	22.97	46.00	**92000**	Pass	0
TPH-CWG - Aliphatic >EC35 - EC44	mg/kg	8.4	25.00	10.00	17.00	8.40	8.40	8.40	6	6.82	8.40	25.00	12.87	25.00	**92000**	Pass	0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	46.00	24.00	42.00	10.00	10.00	10.00	6	16.71	10.00	46.00	23.67		-		
TPH-CWG - Aliphatic (EC5 - EC44)	mg/kg	10	71.00	34.00	59.00	10.00	10.00	10.00	6	27.22	10.00	71.00	32.33		-		
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	6	0.000	0.010	0.010	0.010	0.010	**140**	Pass	0
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	6	0.000	0.010	0.010	0.010	0.010	**290**	Pass	0
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.02	0.02	0.02	0.02	0.02	0.02	0.02	6	0.000	0.020	0.020	0.020	0.020	**83**	Pass	0
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	1.00	1.00	1.00	1.00	1.00	1.00	6	0.00	1.00	1.00	1.00	1.00	**180**	Pass	0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	2.00	2.00	2.00	3.30	7.00	2.00	6	2.00	2.00	7.00	3.05	7.00	**330**	Pass	0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	10.00	10.00	10.00	14.00	29.00	10.00	6	7.60	10.00	29.00	13.83	29.00	**540**	Pass	0
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	30.00	10.00	10.00	25.00	41.00	25.00	6	11.98	10.00	41.00	23.50	41.00	**1500**	Pass	0
TPH-CWG - Aromatic >EC35 - EC44	mg/kg	8.4	26.00	8.40	8.40	8.40	8.40	8.40	6	7.19	8.40	26.00	11.33	26.00	**1500**	Pass	0
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	30.00	10.00	10.00	42.00	76.00	25.00	6	24.73	10.00	76.00	32.17		-		
TPH-CWG - Aromatic (EC5 - EC44)	mg/kg	10	56.00	10.00	10.00	42.00	76.00	25.00	6	26.49	10.00	76.00	36.50		-		

GAC used: LQM/CIEH Suitable 4 Use Levels for Human Health Risk Assessment (3rd edition, 2015)

Category 4 Screening Levels (March 2014) used for Arsenic

In-house methodology used for Cyanide - no GAC currently available

Recorded below laboratory detection limit

This spreadsheet has been developed by IGE Consulting Ltd

APPENDIX 7

COVER SYSTEM VALIDATION LOGS

1st Floor, 15 Oxford Court, Manchester, M2 3WQ
email: contact@igeconsulting.co.uk
web: www.igeconsulting.co.uk
tel: 0161 914 9170

Verification Log

Project Name:	Lathbury Road
Project Number:	4259
Location:	Lathbury Road, Harpurhey, Manchester M40 8NS
Client:	John Southworth Builders Ltd

Remediation Requirements:

No less than 150mm and no more than 300mm suitable topsoil, underlain by suitable subsoil to a total (topsoil + subsoil) depth of 600mm (450mm in areas of soft landscaping), underlain by a high vis geotextile marker

Validation Requirements:

Plot thickness validation photographs at a rate of 1 pit per 3 plots and associated chemical testing.

Plot Number:	Plots 1 – 2 Rear
Inspection date:	15th April 2026
Engineer:	JA

Photographs:





Photographs show 200mm of topsoil, 400mm subsoil, hi viz permeable geotextile and plot context.

This plot has PASSED / ~~FAILED~~* verification

*Proposed further remedial works (if FAILED):

An additional inspection ~~IS~~ / IS NOT required for this plot

1st Floor, 15 Oxford Court, Manchester, M2 3WQ
email: contact@igeconsulting.co.uk
web: www.igeconsulting.co.uk
tel: 0161 914 9170

Verification Log

Project Name:	Lathbury Road
Project Number:	4259
Location:	Lathbury Road, Harpurhey, Manchester M40 8NS
Client:	John Southworth Builders Ltd

Remediation Requirements:

No less than 150mm and no more than 300mm suitable topsoil, underlain by suitable subsoil to a total (topsoil + subsoil) depth of 600mm (450mm in areas of soft landscaping), underlain by a high vis geotextile marker

Validation Requirements:

Plot thickness validation photographs at a rate of 1 pit per 3 plots and associated chemical testing.

Plot Number:	Plots 3 – 4 Front
Inspection date:	15th April 2026
Engineer:	JA

Photographs:





Photographs show 200mm of topsoil, 400mm subsoil, hi viz permeable geotextile and plot context.

This plot has PASSED / ~~FAILED~~* verification

*Proposed further remedial works (if FAILED):

An additional inspection ~~IS~~ / IS NOT required for this plot

1st Floor, 15 Oxford Court, Manchester, M2 3WQ
email: contact@igeconsulting.co.uk
web: www.igeconsulting.co.uk
tel: 0161 914 9170

Verification Log

Project Name:	Lathbury Road
Project Number:	4259
Location:	Lathbury Road, Harpurhey, Manchester M40 8NS
Client:	John Southworth Builders Ltd

Remediation Requirements:

No less than 150mm and no more than 300mm suitable topsoil, underlain by suitable subsoil to a total (topsoil + subsoil) depth of 600mm (450mm in areas of soft landscaping), underlain by a high vis geotextile marker

Validation Requirements:

Plot thickness validation photographs at a rate of 1 pit per 3 plots and associated chemical testing.

Plot Number:	Plots 5 – 6 rears
Inspection date:	20th March 2026
Engineer:	CC

Photographs:





Photographs show 300mm of topsoil, 500mm subsoil, hi viz permeable geotextile and plot context.

This plot has PASSED / ~~FAILED~~* verification

*Proposed further remedial works (if FAILED):

An additional inspection ~~IS~~ / IS NOT required for this plot

1st Floor, 15 Oxford Court, Manchester, M2 3WQ
email: contact@igeconsulting.co.uk
web: www.igeconsulting.co.uk
tel: 0161 914 9170

Verification Log

Project Name:	Lathbury Road
Project Number:	4259
Location:	Lathbury Road, Harpurhey, Manchester M40 8NS
Client:	John Southworth Builders Ltd

Remediation Requirements:

No less than 150mm and no more than 300mm suitable topsoil, underlain by suitable subsoil to a total (topsoil + subsoil) depth of 600mm (450mm in areas of soft landscaping), underlain by a high vis geotextile marker

Validation Requirements:

Plot thickness validation photographs at a rate of 1 pit per 3 plots and associated chemical testing.

Plot Number:	Plot 2 Front
Inspection date:	20th March 2026
Engineer:	CC

Photographs:





Photographs show 200mm of topsoil, 400mm subsoil, hi viz permeable geotextile and plot context.

This plot has PASSED / ~~FAILED~~* verification

*Proposed further remedial works (if FAILED):

An additional inspection ~~IS~~ / IS NOT required for this plot

1st Floor, 15 Oxford Court, Manchester, M2 3WQ
email: contact@igeconsulting.co.uk
web: www.igeconsulting.co.uk
tel: 0161 914 9170

Verification Log

Project Name:	Lathbury Road
Project Number:	4259
Location:	Lathbury Road, Harpurhey, Manchester M40 8NS
Client:	John Southworth Builders Ltd

Remediation Requirements:

No less than 150mm and no more than 300mm suitable topsoil, underlain by suitable subsoil to a total (topsoil + subsoil) depth of 600mm (450mm in areas of soft landscaping), underlain by a high vis geotextile marker

Validation Requirements:

Plot thickness validation photographs at a rate of 1 pit per 3 plots and associated chemical testing.

Plot Number:	Plots 3 – 4 rears
Inspection date:	2nd April 2026
Engineer:	AH

Photographs:





Photographs show 200mm of topsoil, 500mm subsoil, hi viz permeable geotextile and plot context.

This plot has PASSED / ~~FAILED~~* verification

*Proposed further remedial works (if FAILED):

An additional inspection ~~IS~~ / IS NOT required for this plot

APPENDIX 8

TRANSFER NOTES

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation - Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 379747

Date: 12.3.26

WCL No: CB/DU181466 SIC CODE:

Customer: J SOUTHWORTH

Location: LATHBURY RD, MCR

Vehicle Reg: [redacted] Driver Name: PAUL

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

SUB SOIL IN

Gross: 1x8 _____ ARR _____ DEP _____ HR

EWC Code: Tare: _____ REASON FOR DELAY:

Net: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consig[redacted] Time:

Print Na[redacted]

Conditio[redacted]e should be carefully checked by the consignee since this deli[redacted]tance of the material in good order and condition and subsequ[redacted]espect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 379746

Date: 12.3.26

WCL No: CB/DU181466 SIC CODE:

Customer: J SOUTHWORTH

Location: LATHBURY RD, MCR

Vehicle Reg [redacted] Driver Name: PAUL

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

SUB SOIL IN

Gross: 1x8 _____ ARR _____ DEP _____ HR

EWC Code:

Tare: _____ REASON FOR DELAY:

Net: _____

Daywork: Hours Worked: Travel Time: Total Time:

[redacted]

Consig Time:

Print Na

Conditio should be carefully checked by the consignee since this deli ance of the material in good order and condition and subsequ spect of material or circumstance of delivery must be made to mpany immediately

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 379745

Date: 12.3.26

WCL No: CB/DU181466 SIC CODE:

Customer: J. SOUTHWORTH

Location: LATHBURY RD, MCR

Vehicle Reg [redacted] Driver Name: PAUL

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
		✓						

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

SUB Soil IN

Gross: 1x8 _____ ARR _____ DEP _____ HR

EWC Code:

Tare: _____ REASON FOR DELAY:

Net: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: [redacted] Time:

Print Name: Jack Robertson

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 379744

Date: 12.3.26

WCL No: CB/DU181466 SIC CODE:

Customer: J SOUTHWORTH

Location: LATHBURY RD, MCR

Vehicle [redacted] Driver Name: PAUL

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: SUB Soil IN

Weight: Weight: TONNE / KG

Gross: 1x8

Tare:

Net:

EWC Code:

DELAYS OR WAITING TIME

_____ ARR _____ DEP _____ HR

REASON FOR DELAY:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signature: [redacted] Time:

Print Name: Jack Robertson

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 379743

Date: 12. 3. 26

WCL No: CB/DU181466 SIC CODE:

Customer: J SOUTHWORTH

Location: LATHBURY RD, MCR

Vehicle Re[redacted] Driver Name: PAUL

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

~~RUB~~ SOIL IN

Gross: 1x8 _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code:

[redacted]

Total Time:

Co

Pri

Co[redacted]ecked by the consignee since
this [redacted]ood order and condition and
sub[redacted]umstance of delivery must be
ma[redacted]

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation - Demolition - Aggregates - Soils - Grab Hire - Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 379742

Date: 12.3.26

WCL No: CB/DU181466 SIC CODE:

Customer: J. SOUTHWORTH

Location: LATHBURY RD, MCR

Vehicle Re [redacted] Driver Name: PAUL

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

[redacted] SUB SOIL IN

Gross: 1x8 ____ ARR ____ DEP ____ HR

Tare: ____ REASON FOR DELAY:

EWC Code:

Net: ____

[redacted]

Total Time:

Consigne

Print Nar

Condition [redacted] lly checked by the consignee since this delive [redacted] al in good order and condition and subseque [redacted] or circumstarice of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 379741

Date: 12.3.26

WCL No: CB/DU181466 SIC CODE:

Customer: J. SOUTHWORTH

Location: LATHBURY RD, MCR

Vehicle Reg: [redacted] Driver Name: PAUL

Vehicle Type:	8W TIPPER	✓	6W GRAB		8W GRAB		OTHER	

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

C > SUB SOIL

1W

Gross: 1x8 ARR DEP HR

Tare: REASON FOR DELAY:

EWC Code:

Net:

Daywork:	Hours Worked:	Travel Time:	Total Time:

Consignee Signat[redacted] Time:

Print Name: JWill Roberts

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 452091

Date: 10.04.26

WCL No: CB/DU181466 SIC CODE:

Customer: Ford Sockwood

Location: Walden Road Manchester M9 5QL

Vehicle Reg: [redacted] Driver Name: Craig K

Vehicle Type: 8W TIPPER | 6W GRAB | 8W GRAB | OTHER

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

Soil

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code:

Net: _____

Daywork: Hours Worked: Travel Time: Total Time:

[redacted]

Time:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd **Collection / Delivery Note**

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 451822

Date: 14-4-26

WCL No: CB/DU181466 SIC CODE:

Customer: John Southworth

Location: Lathbury Rd, Mcr M9-5GE

Vehicle R[redacted] Driver Name: Leahy

Vehicle Type: 8W TIPPER | 6W GRAB | 8W GRAB | OTHER

Material: Topsoil

Weight: Weight: 1x Load del

TONNE / KG

Gross: _____

Tare: _____

Net: _____

DELAYS OR WAITING TIME

_____ ARR _____ DEP _____ HR

REASON FOR DELAY:

EWC Code:

Daywork: _____ Hours Worked: _____ Travel Time: _____ Total Time: _____

Consignee Signatu[redacted] Time:

Print Name: Jack Robinson

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

...vations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 452220

Date: 19.03.21

WCL No: CB/DU181466 SIC CODE:

Customer: Jones Southport

Location: Lathom Lodge Moorcroft M9 5QE

Vehicle [redacted] Driver Name: Chris K

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
	✓							

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

Top Soil 1 x Low Loader

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code:

Net: _____

Daywork: Hours Worked: Travel Time: Total Time:

[redacted]

...nee since
...dition and
subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 452218

Date: 19.03.26

WCL No: CB/DU181466 SIC CODE:

Customer: Jon Sorsworth.

Location: Lauburn Ls, Manchester M9 5GL

Vehicle Reg [redacted] Driver Name: Charlie

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
	✓							

Material: Weight: Weight: TONNE / KG

Soil 1 x Full load. Delivered

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code:

Net: _____

[redacted]

Travel Time: Total Time:

Time:

s entered above should be carefully checked by the consignee since ts formal acceptance of the material in good order and condition and ts whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 452219

Date: 19.03.26

WCL No: CB/DU181466 SIC CODE:

Customer: John Sorenson

Location: Whitbolen Lane M9 5QL

Vehicle Reg: [redacted] Driver Name: Chris

Vehicle Type: 8W TIPPER ✓ | 6W GRAB | 8W GRAB | OTHER

Material: Top Soil

Weight: Weight: TONNE / KG

Gross:

Tare:

Net:

EWC Code:

DELAYS OR WAITING TIME

1 x Low Loader Driver

ARR DEP HR

REASON FOR DELAY:

Daywork: Hours Worked: Travel Time: Total Time:

[redacted]

Time:

hould be carefully checked by the consignee since ce of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 452056

Date: 31-03-26

WCL No: CB/DU181466 SIC CODE:

Customer: Jon Sounders

Location: Lawton Rd Mcl. M7 5GG

Vehicle [redacted] Driver Name: Andrew

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
	✓			

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

SUBSOIL Full Load

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code:

Net: _____

[redacted]

Travel Time: Total Time:

Time:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile; 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 452061

Date: 01.04.26

WCL No: CB/DU181466 SIC CODE:

Customer: John Saunders

Location: Lacken Ln Manchester M9 5GG

Vehicle R[redacted] Driver Name:

Vehicle Type:	8W TIPPER		6W GRAB		8W GRAB		OTHER	
	✓							

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME

Sand Subsoil Full Load

Gross: _____ _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

EWC Code:

Net: _____

Daywork: Hours Worked: Travel Time: Total Time:

[redacted]

Time:

ered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

MATERIAL TRANSFER NOTE

DATE 30 / /20 No. 50030

SECTION A - EWC and DESCRIPTION OF WASTE MATERIAL	TICK
17 05 04 soil and stones	
Mixtures of concrete, bricks, tiles and ceramics 17 01 07	
Plastic 17 02 03	
ONE LOAD ONLY Mixed metals 17 04 07	
Wood 17 02 01	
Soil 19 13 02	
Other:	

Where waste material is discovered to be inconsistent with the description described by the customer or their agent/representative, RTK Grab Hire Limited reserve the right to recover the appropriate charges and associated tax together with all other costs incurred.

SECTION B - PRODUCER OF THE WASTE	PRODUCER OF THE MATERIAL
NAME P C G	RTK GRAB HIRE LIMITED
ADDRESS LATHBURY RD	WELLINGTON STREET BURY BL8 2BD
POSTCODE	
WML SIGNED FOR PRODUCER	EAWML 102477 SIGNED FOR RTK GRAB HIRE LIMITED
PRINT NAME	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

SIC CODE: 38110

SECTION C - PERSON COLLECTING THE WASTE

DRIVER: PRINT D [redacted]			SIGN [redacted]		
VEHICLE REGISTRATION NUMBER:			[redacted]		
THE CARRIERS LICENCE NUMBER: CB/TN5[redacted]					
EIGHT WHEEL		SIX WHEEL		SKIP SIZE	

It is the responsibility of the Customer to supply a Banksman for off public highway deliveries/collections. The customer is also responsible for all damage caused to vehicles and property.

WASTE CAN BE REUSED		WASTE TO BE RECYCLED	X	WASTE TO BE DISPOSED	

SECTION D - RECEIPT OF MATERIAL	RECEIPT OF MATERIAL
RTK GRAB HIRE LIMITED	NAME
WELLINGTON STREET BURY BL8 2BD	ADDRESS
SIGNED FO[redacted]	POSTCODE WML SIGNED FOR PRODUCER
PRINT NAM[redacted]	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

White copy: RTK Grab Hire Limited/Carrier Yellow copy: Producer Pink copy: RTK (to Producer with invoice)

MATERIAL TRANSFER NOTE

DATE / /20 No. 50031

SECTION A - EWC and DESCRIPTION OF WASTE MATERIAL	TICK
17 05 04 soil and stones	
Mixtures of concrete, bricks, tiles and ceramics 17 01 07	
Plastic 17 02 03	
ONE LOAD ONLY Mixed metals 17 04 07	
Wood 17 02 01	
Soil 19 13 02	
Other:	

Where waste material is discovered to be inconsistent with the description described by the customer or their agent/representative, RTK Grab Hire Limited reserve the right to recover the appropriate charges and associated tax together with all other costs incurred.

SECTION B - PRODUCER OF THE WASTE	PRODUCER OF THE MATERIAL
NAME P C G	RTK GRAB HIRE LIMITED
ADDRESS LATHBURY RD	WELLINGTON STREET BURY BL8 2BD
POSTCODE	
WML H HE1	EAWML 102477
SIGNED FOR PRODUCER	SIGNED FOR RTK GRAB HIRE LIMITED
PRINT NAM [redacted]	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

SIC CODE: 38110

SECTION C - PERSON COLLECTING THE [redacted]

DRIVER: PRINT Nan

VEHICLE REGISTRATION NUMBER:

THE CARRIERS LICENCE NUMBER: CB/TR3610MQ

EIGHT WHEEL		SIX WHEEL		SKIP SIZE	

It is the responsibility of the Customer to supply a Banksman for off public highway deliveries/collections. The customer is also responsible for all damage caused to vehicles and property.

WASTE CAN BE REUSED		WASTE TO BE RECYCLED	X	WASTE TO BE DISPOSED	

SECTION D - RECEIPT OF MATERIAL	RECEIPT OF MATERIAL
RTK GRAB HIRE LIMITED	NAME
	ADDRESS
WELLINGTON STREET BURY BL8 2BD	
	POSTCODE
	WML
SIGNED FOR RTK GRAB HIRE LIMITED	SIGNED FOR PRODUCER
PRINT NAM [redacted]	PRINT NAME

It is essent[redacted]ed above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

White copy: RTK Grab Hire Limited/Carrier Yellow copy: Producer Pink copy: RTK (to Producer with invoice)

MATERIAL TRANSFER NOTE

DATE 2 / 2 /20 26 No. 50584

SECTION A - EWC and DESCRIPTION OF WASTE MATERIAL	TICK
17 05 04 soil and stones	✓
Mixtures of concrete, bricks, tiles and ceramics 17 01 07	
Plastic 17 02 03	
LOAD AWAY Mixed metals 17 04 07	
Wood 17 02 01	
Soil 19 13 02	
Other:	

Where waste material is discovered to be inconsistent with the description described by the customer or their agent/representative, RTK Grab Hire Limited reserve the right to recover the appropriate charges and associated tax together with all other costs incurred.

SECTION B - PRODUCER OF THE WASTE	PRODUCER OF THE MATERIAL
NAME P Cunningham	RTK GRAB HIRE LIMITED
ADDRESS Lathbury RD	WELLINGTON STREET BURY BL8 2BD
POSTCODE	
WML SIGNED FOR PRODUCER	EAWML 102477 SIGNED FOR RTK GRAB HIRE LIMITED
PRINT NAME	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

SIC CODE: 38110

SECTION C - PERSON COLLECTING THE WASTE

DRIVER: PRINT D JONES	SIGN [redacted]
VEHICLE REGISTRATION NUMBER:	
THE CARRIERS LICENCE NUMBER: CB/TN5610MC	

EIGHT WHEEL		SIX WHEEL		SKIP SIZE	

It is the responsibility of the Customer to supply a Banksman for off public highway deliveries/collections. The customer is also responsible for all damage caused to vehicles and property.

WASTE CAN BE REUSED		WASTE TO BE RECYCLED	X	WASTE TO BE DISPOSED	

SECTION D - RECEIPT OF MATERIAL	RECEIPT OF MATERIAL
RTK GRAB HIRE LIMITED	NAME
	ADDRESS
WELLINGTON STREET BURY BL8 2BD	
	POSTCODE WML
SIGNED FOR RTK GRAB HIRE LIMITED	SIGNED FOR PRODUCER
PRINT NAME D Jones	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

White copy: RTK Grab Hire Limited/Carrier Yellow copy: Producer Pink copy: RTK (to Producer with invoice)

MATERIAL TRANSFER NOTE

DATE 12 / 12 /20 25 No. 50033

SECTION A - EWC and DESCRIPTION OF WASTE MATERIAL	TICK
17 05 04 soil and stones	
Mixtures of concrete, bricks, tiles and ceramics 17 01 07	
Plastic 17 02 03	
ONE LORD HWAY Mixed metals 17 04 07	
Wood 17 02 01	
Soil 19 13 02	
Other:	

Where waste material is discovered to be inconsistent with the description described by the customer or their agent/representative, RTK Grab Hire Limited reserve the right to recover the appropriate charges and associated tax together with all other costs incurred.

SECTION B - PRODUCER OF THE WASTE	PRODUCER OF THE MATERIAL
NAME P C G	RTK GRAB HIRE LIMITED
ADDRESS LATHBURY ILD	WELLINGTON STREET BURY BL8 2BD
POSTCODE	
WML H/HEY	EAWML 102477
SIGNED FOR PRODUCER	SIGNED FOR RTK GRAB HIRE LIMITED
PRINT NAME	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

SIC CODE: 38110

SECTION C - PERSON COLLECTING THE WAS [redacted]

DRIVER: PRINT D Brun	SI [redacted]
VEHICLE REGISTRATION NUMBER:	[redacted]

THE CARRIERS LICENCE NUMBER: CB/TN5610MQ

EIGHT WHEEL		SIX WHEEL		SKIP SIZE	

It is the responsibility of the Customer to supply a Banksman for off public highway deliveries/collections. The customer is also responsible for all damage caused to vehicles and property.

WASTE CAN BE REUSED		WASTE TO BE RECYCLED	X	WASTE TO BE DISPOSED	

SECTION D - RECEIPT OF MATERIAL	RECEIPT OF MATERIAL
RTK GRAB HIRE LIMITED	NAME
WELLINGTON STREET BURY BL8 2BD	ADDRESS
SIGNED FOR RTK GRAB HIRE LIMITED	POSTCODE WML SIGNED FOR PRODUCER
PRINT NAME [redacted]	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

White copy: RTK Grab Hire Limited/Carrier Yellow copy: Producer Pink copy: RTK (to Producer with invoice)

MATERIAL TRANSFER NOTE

DATE 6 / 2 /20 26 No. 49824

SECTION A - EWC and DESCRIPTION OF WASTE MATERIAL	TICK
17 05 04 soil and stones	✓
Mixtures of concrete, bricks, tiles and ceramics 17 01 07	
Plastic 17 02 03	
Mixed metals 17 04 07	
Wood 17 02 01	
Soil 19 13 02	
Other:	

Where waste material is discovered to be inconsistent with the description described by the customer or their agent/representative, RTK Grab Hire Limited reserve the right to recover the appropriate charges and associated tax together with all other costs incurred.

SECTION B - PRODUCER OF THE WASTE	PRODUCER OF THE MATERIAL
NAME P Cunningham	RTK GRAB HIRE LIMITED
ADDRESS Lathbury Rd	WELLINGTON STREET BURY BL8 2BD
POSTCODE	
WML	EAWML 102477
SIGNED FOR PRODUCER	SIGNED FOR RTK GRAB HIRE LIMITED
PRINT NAME	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

SIC CODE: 38110

SECTION C - PERSON COLLECTING THE WASTE

DRIVER: PRINT D Jones	SIGN [redacted]
VEHICLE REGISTRATION NUMBER:	
THE CARRIERS LICENCE NUMBER: CB/TN5610MQ	

EIGHT WHEEL		SIX WHEEL		SKIP SIZE	

It is the responsibility of the Customer to supply a Banksman for off public highway deliveries/collections. The customer is also responsible for all damage caused to vehicles and property.

WASTE CAN BE REUSED		WASTE TO BE RECYCLED	X	WASTE TO BE DISPOSED	

SECTION D - RECEIPT OF MATERIAL	RECEIPT OF MATERIAL
RTK GRAB HIRE LIMITED	NAME
	ADDRESS
WELLINGTON STREET BURY BL8 2BD	
SIGNED FOR RTK GRAB HIRE LIMITED	POSTCODE WML SIGNED FOR PRODUCER
PRINT NAME D Jones	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

White copy: RTK Grab Hire Limited/Carrier Yellow copy: Producer Pink copy: RTK (to Producer with invoice)

MATERIAL TRANSFER NOTE

DATE 9 / 2 /20 26 No. 50589

SECTION A - EWC and DESCRIPTION OF WASTE MATERIAL	TICK
17 05 04 soil and stones	✓
Mixtures of concrete, bricks, tiles and ceramics 17 01 07	
Plastic 17 02 03	
LOAD AWAY Mixed metals 17 04 07	
Wood 17 02 01	
Soil 19 13 02	
Other:	

Where waste material is discovered to be inconsistent with the description described by the customer or their agent/representative, RTK Grab Hire Limited reserve the right to recover the appropriate charges and associated tax together with all other costs incurred.

SECTION B - PRODUCER OF THE WASTE	PRODUCER OF THE MATERIAL
NAME P Cunningham	RTK GRAB HIRE LIMITED
ADDRESS Lathbury Rd	WELLINGTON STREET BURY BL8 2BD
POSTCODE	
WML	EAWML 102477
SIGNED [redacted]	SIGNED FOR RTK GRAB HIRE LIMITED
PRINT NA[redacted]	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

SIC CODE: 38110

SECTION C - PERSON COLLECTING THE WASTE

DRIVER: PRINT D JONES	SIG[redacted]
VEHICLE REGISTRATION NUMBER:	
THE CARRIERS LICENCE NUMBER: CB/TN5610MQ	

EIGHT WHEEL		SIX WHEEL	✓	SKIP SIZE	

It is the responsibility of the Customer to supply a Banksman for off public highway deliveries/collections. The customer is also responsible for all damage caused to vehicles and property.

WASTE CAN BE REUSED		WASTE TO BE RECYCLED	X	WASTE TO BE DISPOSED	

SECTION D - RECEIPT OF MATERIAL	RECEIPT OF MATERIAL
RTK GRAB HIRE LIMITED	NAME
	ADDRESS
WELLINGTON STREET BURY BL8 2BD	POSTCODE
	WML
SIGNED FOR RTK GRAB HIRE LIMITED	SIGNED FOR PRODUCER
PRINT NAME D Jones.	PRINT NAME

It is essential that all written particulars entered above are carefully checked by the customer or their agent/representative, i.e. Site Foreman, Labourer, Machine Operator, Banksman etc., since this Note once signed represents total acceptance.

White copy: RTK Grab Hire Limited/Carrier Yellow copy: Producer Pink copy: RTK (to Producer with invoice)