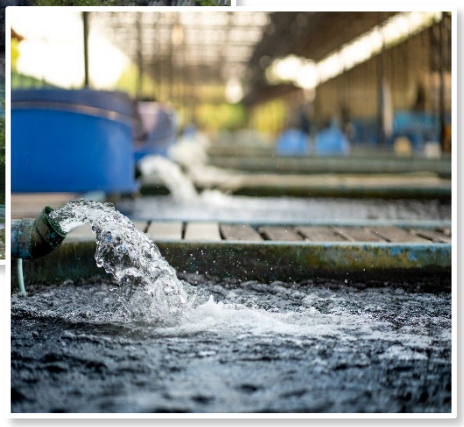
UoM Fallowfield Campus

03847AB





Interim Validation Report for Oak House Phase 2A

Kennedy Redford

15/07/2026

Document prepared on behalf of Coffey Geotechnics Limited

coffey
A TETRA TECH COMPANY

Coffey Geotechnics Limited
Atlantic House, Atlas Business Park, Simonsway, Manchester, M22 5PR
Tel 0161 6011 630 www.coffeygeotechnics.co.uk
Registered Office: The Malthouse, 1 Northfield Road, Reading, RG1 8AH
Registered in England No: 06328315

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Appendix A: Graham Construction Ltd Drawings

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1.0 Introduction

1.1 General

Coffey Geotechnics Ltd (Coffey) has been commissioned by Kennedy Redford Ltd to produce a Validation Report to assist Graham Construction Ltd (Graham) in delivering a Design-Build-Finance-Operate (DBFO) project for a student housing redevelopment at the University of Manchester (UoM) Fallowfield Campus.

The site has been divided into working areas, as shown on Figure 1-1:

- Phase 1: Owens Park – the northern area of the site.
- Phase 2: Oak House – the southern area of the site, divided into Phase 2A, Phase 2B and Phase 2C areas.
- Phase 3: Woolton Hall – the eastern are of the site.
- Phase 4: The Limes.

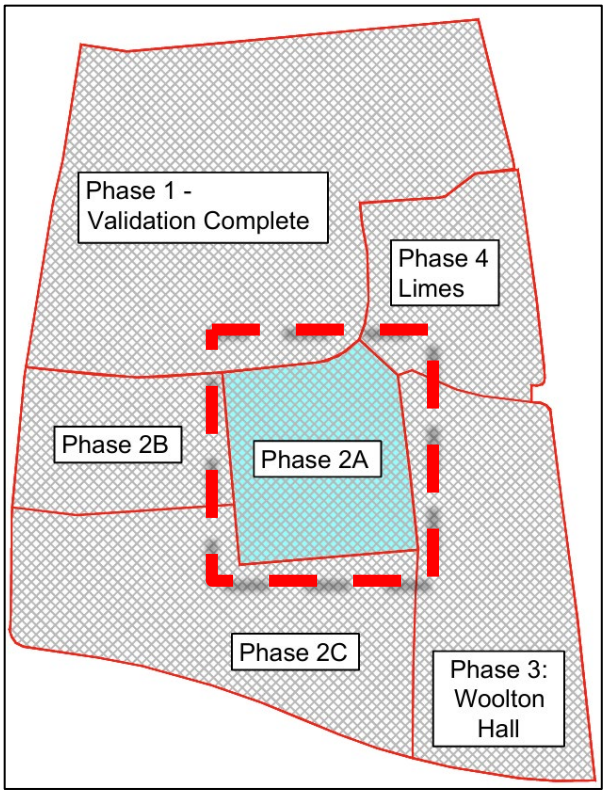


Figure 1-1: Site working areas – Phase 2A is covered by this report

The Remediation Strategy (Coffey, 2025b) includes a two-stage validation process with an Interim Validation Report for the enabling works and a Final Validation Report for the build phase.

Interim Validation Reports will be prepared for each of the working areas listed above and will be submitted to Manchester City Council (MCC) in writing prior to commencement of the building phase in that area. The Interim Validation Reports will include review of results of any investigation and testing of areas inaccessible during the previous ground investigations that only become accessible during the enabling works, detailing the hotspot delineation works and removal of impacted soil.

The site-wide Final Validation Report will include validation of the permanent works.

This Interim Validation Report covers Phase 2A of the Oak House area where enabling earthworks have been completed.

Phase 1 is covered by the Interim Validation Report for Owens Park (Document Ref: UMRF-COF-XX-XX-RP-Y-00004).

Phase 2B is covered by the Interim Validation Report for Oak House Phase 2B (Document Ref: UMRF-COF-XX-XX-RP-Y-00006).

Further Interim Validation Reports will be produced for the other areas once enabling works in these areas are complete.

The enabling works completed within Phase 2A are shown on Figure 2-1

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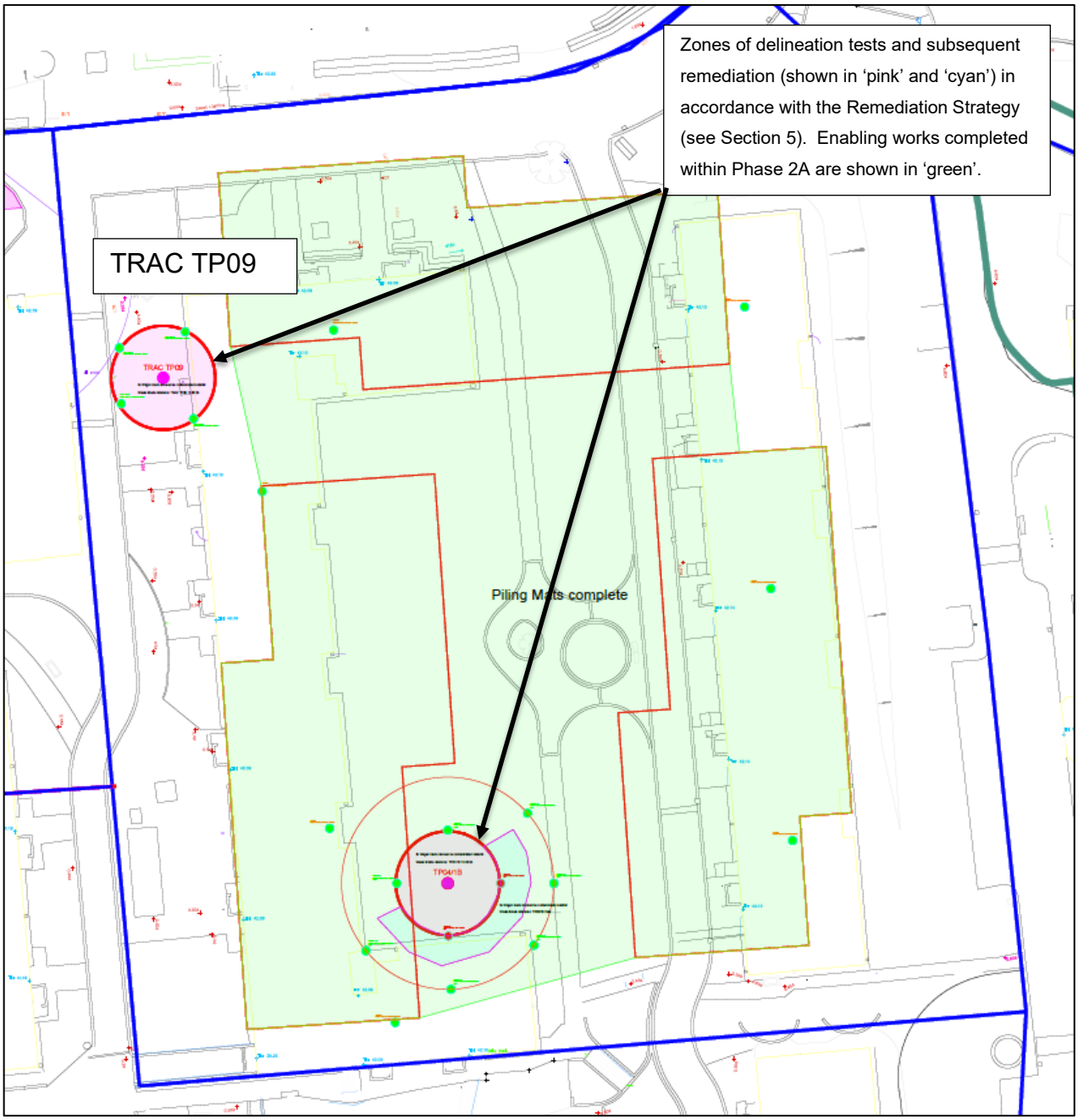


Figure 1-2: Phase 2A enabling works (Extract from Graham, 2026c)

1.2 Existing information

A Phase 1 Desk Study Report has been prepared for the current development:

- Buro Happold, Ground Conditions Phase 1 Desk Study Report, (Buro Happold, 2023).

Coffey has prepared the following Geoenvironmental and Geotechnical Interpretative Reports, for the same overall site (noting different site boundaries), undertaken under a different contract:

- Coffey, Geoenvironmental and Geotechnical Interpretative Report – Stage 2a (Coffey, 2015a).
- Coffey, Geoenvironmental and Geotechnical interpretative Report – Stage 2b (Coffey, 2015a).
- Coffey, Geotechnical Interpretative Report (Coffey, 2025a).

1.3 Areas of the site covered by this report

1.3.1 Site area

The report summarises testing and remediation works undertaken during the enabling works in the Phase 2A area of the site, prior to installation of the piled foundations required for the development.

The boundary of the Phase 2A area is shown in Figure 1-1. The areas of the Phase 2A area where enabling earthworks and remediation have been completed is shown on Figure 1-2.

Graham have carried out the enabling works including installation of a piling mat comprising site won material. Site won material comprised materials gained during the demolition of the existing buildings and was, prior to use, stockpiled in the northwest of the Owens Park area and east of the Phase 2A area.

Graham has instructed TRAC Associates Limited (TRAC) as the Asbestos Specialist required by the Remediation Strategy, to produce a Material Management Plan (MMP), and to manage compliance with contaminated land aspects of the development during the works.

1.3.2 Information received

The following documents relating to remediation of the Phase 2A area have been received from Graham; the Graham Drawings are presented in Appendix A:

- Brownfield Solutions – Phase 2A Site Letter Reports, Visit 1 to 6 (Brownfield, 2026)

- Graham - Phase 2 Remediation Validation Boundary Plan (Graham, 2026a)
- Graham Landscaping Plan (Graham, 2026b)
- Graham Enabling Works Progress Plan (Graham, 2026c)
- TRAC, Asbestos Material Management Plan (MMP) for Oak House (TRAC, 2026).

1.3.3 Additional testing

Additional post-demolition investigation of areas that were not accessible during previous phases of ground investigation (herein referred to as 'dark areas') has been undertaken in accordance with the Inspection and Testing Plan – Oak House (Document Ref: UMRF-COF-XX-XX-RP-Y-00005).

The locations of additional tests are shown on Drawing 03847AB-COF-XX-DR-GE-000002 and results are presented in Appendix B and discussed in Section 4 below.

2.0 Planning conditions

The Planning Application Number for the development is 138126/OO/2023. The Decision Notice, Planning Application Decision Notice part 1 (MCC, 2024), was published in January 2024 and includes a number of conditions.

Planning Condition 20a states.

> *"Before the development within each phase commences, with the exception of demolition and site clearance, a report (the Preliminary Risk Assessment) to identify and evaluate all potential sources and impacts of any ground contamination, groundwater contamination and/or ground gas relevant to the site shall be submitted to and approved in writing by the City Council as local planning authority. The Preliminary Risk Assessment shall conform to City Council's current guidance document (Planning Guidance in Relation to Ground Contamination).*
>
> *"In the event of the Preliminary Risk Assessment identifying risks which in the written opinion of the Local Planning Authority require further investigation, the development shall not commence until a scheme for the investigation of the site and the identification of remediation measures (the Site Investigation Proposal) has been submitted to and approved in writing by the City Council as local planning authority.*

> *"The measures for investigating the site identified in the Site Investigation Proposal shall be carried out before development commences and a report prepared outlining what measures, if any, are required to remediate the land (the Site Investigation Report and/or Remediation Strategy) which shall be submitted to and approved in writing by the City Council as local planning authority."*

The Geo-environmental Risk Assessment was submitted in the Geotechnical Interpretative Report (Coffey, 2025a).

The Remediation Strategy (Coffey, 2025b) outlines of the measures required to address the risks identified within the Geotechnical Interpretative Report.

This Interim Validation Report outlines the testing and remediation works undertaken during the Phase 2A Oak House enabling works to validate that the requirements of the Remediation Strategy have been met.

3.0 Remediation strategy

3.1 Geoenvironmental risk

This section presents a summary of the Remediation Strategy (Coffey 2025b).

The risk assessment process presented in the Geotechnical Interpretative Report identified potential geoenvironmental risks to human health from contamination at shallow depths within the Made Ground.

These risks are characterised as:

- HIGH/MODERATE with respect to risk from asbestos.
- LOW in relation to ground gas and soil contamination with exceedances of arsenic, lead, mercury, TPH and PAH.

These risks result in the need for geo-environmental remedial activities and risk mitigation.

The remediation requirements in Remediation Strategy are intended to render the site suitable for the intended end use and meet the planning conditions by MCC.

3.2 Scope of the remediation strategy

The scope of geoenvironmental remedial actions required within the Remediation Strategy are summarised below – the full document should be referred to for details:

- The risk of chronic exposure to asbestos is to be managed by the adoption of good general working practices (during all groundworks) together with guidance and direction from a suitably qualified and experienced asbestos specialist.
- Investigation and delineation of potential asbestos and contaminant impacted ground, as identified in previous ground investigations.
- A contingency, during the redevelopment groundworks, for encountering ground that is locally impacted with contaminants such as further asbestos-containing materials (ACM), hydrocarbons or similar; this will involve communications between the Principal Contractor and Coffey, site visits at appropriate times (e.g. during site clearance, and if / when suspect ground conditions are encountered), and may necessitate further sampling and laboratory testing, with additional assessment and provision of recommendations.
- Sorting, segregation and possibly additional testing of site-won soil materials, particularly if such are to be re-used in the redevelopment (e.g. as uncontaminated capping soils in new/modified landscaped areas).
- Ensuring that the upper 600mm of soils in such landscaped/soft-standing parts of the site are uncontaminated and, in particular, are devoid of asbestos and PAH.
- Japanese Knotweed identification, removal and treatment.

4.0 Results of previous geo-environmental testing and exceedances

4.1 General

Various phases of geo-environmental investigation and testing have been carried out in the Phase 2A area of the site.

Locations of exploratory holes and tests are shown on Drawing 03847AB-COF-XX-DR-GE-000002.

4.2 Asbestos

The Asbestos MMP (TRAC, 2026) states that control measures are required where asbestos loose fibres are identified above the limit of quantification of 0.001% w/w. Control measures should be in accordance with the Remediation Strategy.

The Asbestos MMP also notes that sporadic asbestos containing fragments of bitumen pipework material has been encountered at the site, and that such material presents a low risk to those undertaking ground works. However, should significant quantities of the bitumen material be encountered, works should be halted and advice sought from a competent person.

Asbestos testing was undertaken during the 2015 ground investigations (Coffey, 2015a and 2015b) and 2025 ground investigation (Coffey, 2025a). Additional testing was undertaken by TRAC in 2025.

Within the Phase 2A area, asbestos was suspected in four locations, and subsequent laboratory testing identified asbestos above the detection limit of 0.001% in one location, as presented in Table 4-1.

Based on the requirements of the Remediation Strategy, delineation testing and remedial actions were required for location TRAC TP09. The results of delineation testing and a summary of remediation undertaken during the enabling works is given in Section 5.0. Full test results are presented in Appendix B.

Table 4-1: Asbestos exceedances in previous ground investigations

Exploratory Hole ID	GI	Depth (mbgl)	Suspected Asbestos	Asbestos % Lab	Delineation testing required?
TP04/1B	2015 Coffey	0.25	Asbestos - Chrysotile	None	No
TP09	2025 TRAC		Asbestos - Chrysotile	0.003	Yes
TP11	2025 TRAC	1.1	Asbestos – insulation observed	None	No
TP14	2025 TRAC		Asbestos – cement observed	None	No

Testing of `Dark Areas` was undertaken by Brownfield Solutions (Brownfield, 2026) and did not identify any suspected asbestos, resulting in no requirement for delineation testing. Results are presented in Appendix B.

4.3 Organics, inorganics, and metals

The Remediation Strategy (Coffey, 2025b) includes acceptability criteria for cover soils against which testing of organic, inorganic, and metal contaminant concentrations have been assessed.

Control measures for the risk's associates with exceedances of organics, inorganics, and metals should be in accordance with the Remediation Strategy.

Testing for these contaminants was undertaken during the 2015 ground investigations (Coffey, 2015a and 2015b) and 2025 ground investigation (Coffey, 2025a).

Additional testing to cover the `Dark Areas` was undertaken by Brownfield Solutions in 2026 (Brownfield, 2026).

Within the Phase 2A area, exceedances of organic, inorganic, or metal contaminants were identified in one location, as presented in Table 4-2.

Based on the requirements of the Remediation Strategy, delineation testing and remedial actions were required for location TP04/1B. The results of delineation testing and a summary of remediation undertaken during the enabling works is given in Section 5.0.

Table 4-2: Organic/inorganic exceedance locations

Exploratory Hole ID	GI Date	Depth (mbgl)	Contaminant	Number Exceedances	Contaminant Max % GAC (see full results)	Delineation testing required?
TP04/1B	2015	0.25	PAH	1	170	Yes

Full test results from the previous investigation described above are presented in the Geotechnical Interpretative Reports (Coffey, 2015a, Coffey 2015b, Coffey, 2025a).

Testing of `Dark Areas` undertaken by Brownfield Solutions (Brownfield, 2026) did not identify any suspected organic, inorganic or metallic exceedances, resulting in no requirement for delineation testing. Results of this testing are presented in Appendix B.

5.0 Soils validation and remediation

5.1 Asbestos delineation and remediation

Asbestos delineation testing and hotspot removal was undertaken around location TP09 in accordance with the Remediation Strategy (Coffey, 2025b). The locations of testing and hotspot removal areas are shown in shown in Figure 5-1 below.

The results of delineation testing showed that samples from the first round of additional tests did not contain asbestos fibres and therefore the area of the hotspot was defined.

Soils around the identified hotspot were removed over a 5m radius area to a depth of 0.5 m below existing ground level. The excavated material was taken to Dunton Technologies Treatment Facility in Ellesmere Port and Waste Transfer Notes are presented in Appendix C.

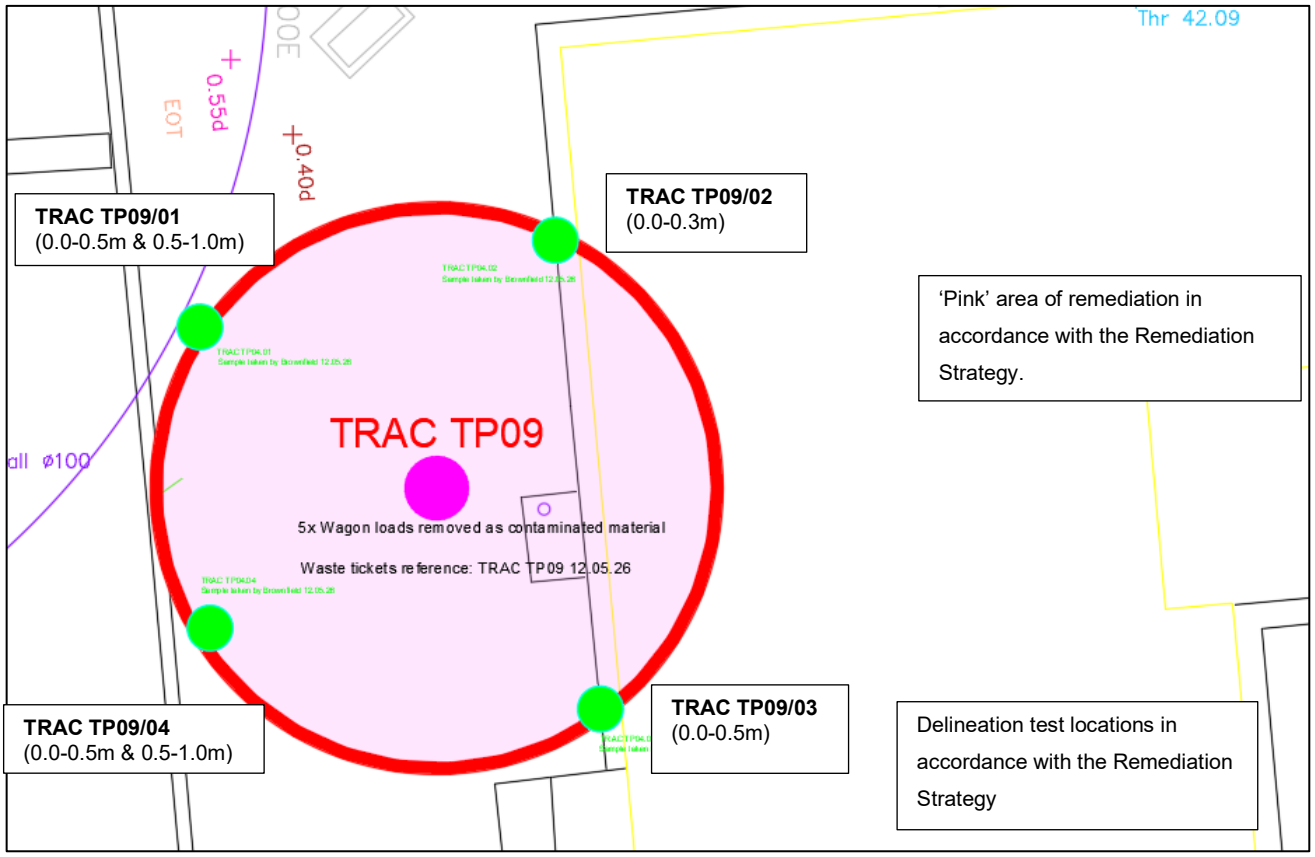


Figure 5-1: Delineation testing and remediation at TRAC TP09 (Extract from Graham, 2026c).

Table 5-1 summarises the remediation and delineation testing undertaken at TP09 as required by the Remediation Strategy.

Table 5-1: Remediation strategy for locations with Asbestos exceedances

Hole ID	Additional Delineation Testing Results	Remediation Undertaken Removal / Capping	Remediation Reference Documents
TP09	6 of 6 tests undertaken showing NAD (no asbestos detected): TRAC TP09/01 - NAD TRAC TP09/02 - NAD TRAC TP109/03 - NAD TRAC TP09/04 - NAD	Removal of hotspot to soil treatment facility. 500mm layer removed from 5m radius around TP09.	Consignment note codes: -JOGARA\DT085 -JOGARA\DT086 -JOGARA\DT087 -JOGARA\DT088 -JOGARA\DT089 100,000 kg of soil taken off site and accepted by Dunton Technologies Ltd, Ellesmere Port, North Road, CH65 1BL (5x wagon loads)

5.2 Organic, inorganic and metal delineation and remediation

Contamination delineation testing and hotspot removal was undertaken in the area of TP04/1B in accordance with Remediation Strategy (Coffey, 2025b). The locations of testing and hotspot removal are shown in Figure 5-2.

The results of first round of additional testing showed exceedances in two of the four test locations (TP04/1B-E and TP04/1B-S). The exceedances were between 190% and 403% of the GAC limit for total PAH.

Soils around the identified hotspot at TP04/1B were removed to a depth of 0.5m below existing ground level over a 5m radius around TP04/1B.

A second round of additional testing was undertaken with testing in five locations, targeting areas where exceedances were detected in the first round.

The Remediation Strategy required eight test locations for the second round of additional testing. However, two out of the four initial delineation tests indicated no GAC limit exceedances, so further delineation was only undertaken to the south and east of the initial 5m radius.

The results of the second round of additional testing showed no exceedances of the GAC limit for total PAH in any of the five test locations. No speciated PAH testing was therefore required, and the area of the hotspot was defined.

Soils around the identified hotspot at TP04/1B were removed to a depth of 0.5m below existing ground level over a 5m radius, with additional material removed within a 7.5m radius and 0.5m depth to the south and east of the hotspot, as shown in Figure 5–2 below.

The excavated material was taken to Dunton Technologies Treatment Facility in Ellesmere Port and Waste Transfer Notes are presented in Appendix C.

The second round of testing showed no exceedances. Full test results are shown in Appendix B.

The excavated material was taken to Dunton Technologies Treatment Facility in Ellesmere Port. Waste Transfer Notes are presented in Appendix C.

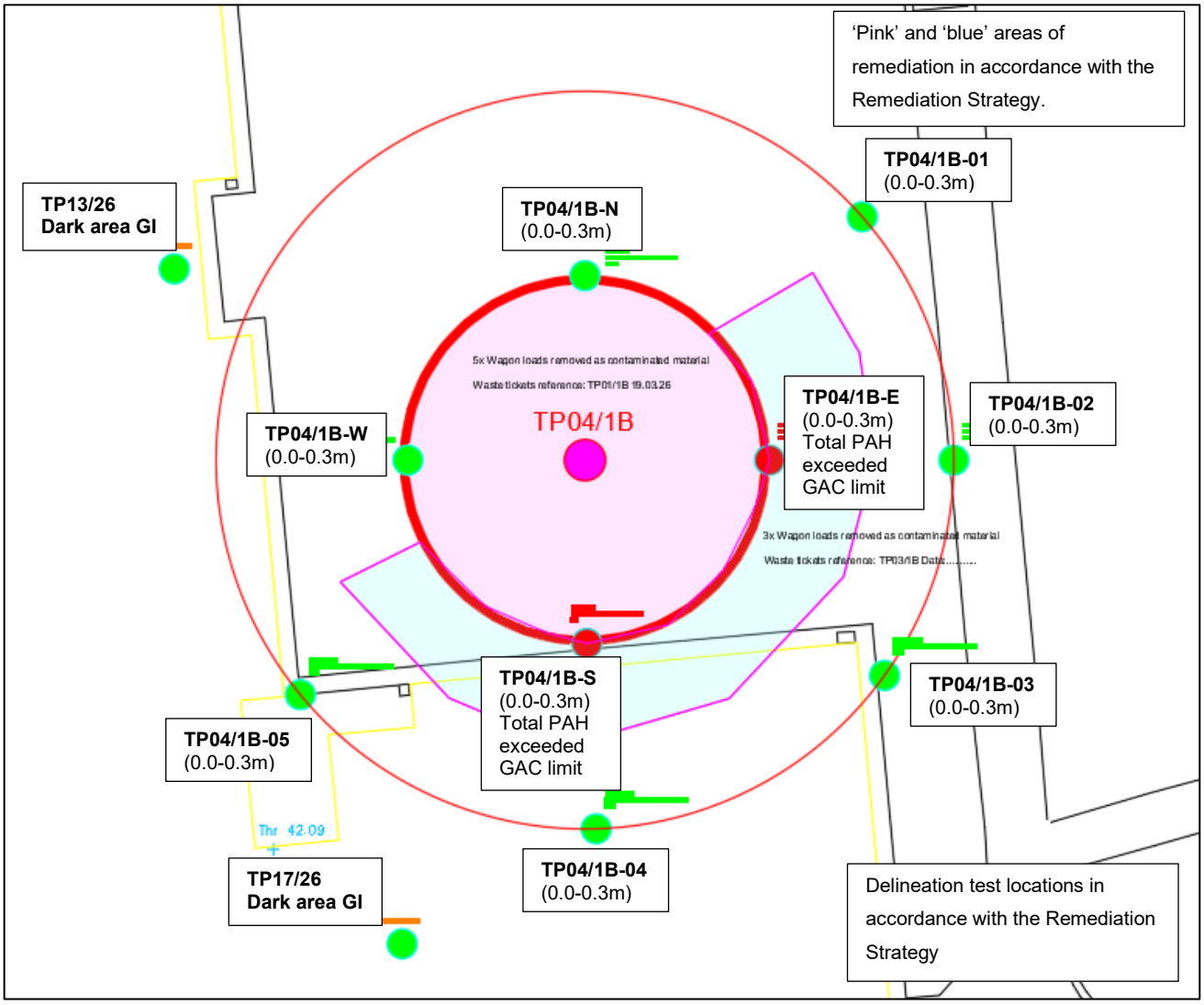


Figure 5-2: Delineation testing and remediation at TP04/1B (Extract from Graham, 2026c).

Table 5-2 summarises the remediation and delineation testing undertaken in each of the locations required by the Remediation Strategy.

Table 5-1: Remediation strategy for locations with Organic/Inorganic contaminants exceedances

Hole ID	Soil Determinand	Additional Delineation Testing Results	Remediation Undertaken Removal / Capping	Remediation Reference Documents
TP04/1B	Organics (PAH)	**First Round Testing: PAH** TP04/1B-N - 1.48 mg/kg (no exceedance) TP04/1B-S - 6.09 mg/kg (190% of GAC limit) TP04/1B-E - 12.9 mg/kg (403% of GAC limit) TP04/1B-W - 1.84 mg/kg (no exceedance) **Second Round Testing: PAH** TP04/1B-01 - no exceedances TP04/1B-02 - no exceedances TP04/1B-03 - no exceedances TP04/1B-04 - no exceedances TP04/1B-05 - no exceedances	Removal of hotspot to soil treatment facility. 500mm layer removed from 5m radius around TP04/01. 500mm layer removed from 7.5m radius to south and east as shown on Figure 5-2.	Consignment note codes: -JOGARA\DT001 -JOGARA\DT002 -JOGARA\DT003 -JOGARA\DT004 -JOGARA\DT005 -FRANKO\FOG01 -FRANKO\FOG02 -FRANKO\FOG03 100,000 kg of soil taken off site and accepted by Dunton Technologies Ltd, Ellesmere Port, North Road, CH65 1BL (5x wagon loads) 60,000 kg of soil taken off site and accepted by Provectus at CreweMaw Green Soil Treatment Facility, Maw Green Road, CW1 5NG (3x wagon loads)

6.0 Conclusions

Delineation testing undertaken during the enabling works within the Oak House Phase 2A area indicated that both asbestos and determinand concentrations were localised around the previously identified hotspots. Soils around the identified hotspots at TP09 and TP04/1B were removed in accordance with the Remediation Strategy (Coffey, 2025b) and transferred to a soil treatment facility (Dunton Technologies Ltd, North Road, Ellesmere Port, CH65 1BL).

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No further remediation work is required within the Oak House Phase 2A area in relation to the enabling works.

Any contamination encountered during the permanent works will be reviewed in accordance with the Remediation Strategy, and any test results and remedial actions undertaken will be reported in the Final Validation Report.

7.0 References

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S4UL (2015), GAC values derived by the LQM/CIEH using the CLEA 1.06 software (published 2015 in The LQM/CIEH S4ULs for Human Health Risk Assessment). Copyright Land Quality Management Limited reproduced with permission; Publication Number S4UL3338.

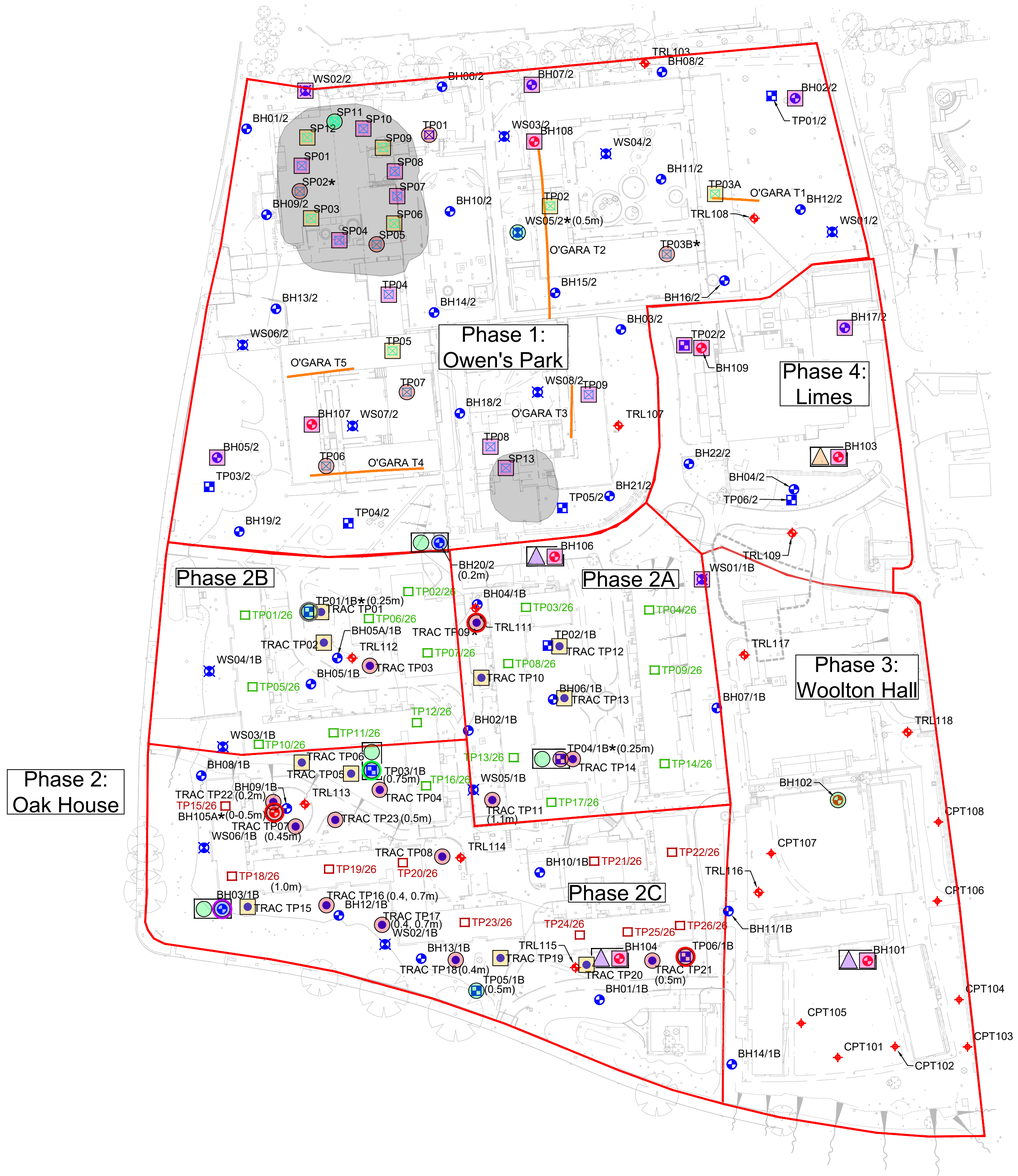
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Drawings



LEGEND:

- CABLE PERCUSSIVE BOREHOLES (COFFEY GIR, 2025)
- TRL (COFFEY GIR, 2025)
- CPT (COFFEY GIR, 2025)
- WINDOW SAMPLING (COFFEY GIR, 2015B)
- TRIAL PITS (COFFEY GIR, 2015B)
- CABLE PERCUSSIVE BOREHOLES (COFFEY GIR, 2015B)
- TP01 SP13 — TESTING OF THE STOCKPILE & FILL MATERIAL IN OWEN'S PARK POST DEMOLITION DURING ENABLING WORKS CONTRACT. RESULTS NOT AVAILABLE
- TRAC TP09 — TRAIL HOLES & TESTING OF MATERIAL IN SOFT AREAS OF OAK HOUSE DURING ENABLING WORKS. PRE DEMOLITION (TRAC, 2025 - LOCATIONS PROVIDED BY GRAHAM)
- O'GARA T3 — SLIP TRENCHES & TESTING FOR TIP CLASSIFICATION FOR "MUCK-SHIFT" IN OWEN'S PARK. NO REPORTS ISSUED TO DATE.
- ASBESTOS IDENTIFIED
- ORGANICS EXCEEDANCE
- INORGANICS AND METALS EXCEEDANCE
- TESTED LOCATIONS WITHOUT EXCEEDANCE
- TESTED LOCATIONS WITHOUT EXCEEDANCE (ASBESTOS ONLY)
- LOCATIONS WHERE GROUNDWATER IS TESTED
- LOCATIONS WHERE GROUNDWATER EXCEEDED WATER QUALITY STANDARDS

REQUIRED DELINEATION TESTING:

- ASBESTOS
- PAH, AROMATIC AND MERCURY
- PAH AND AROMATIC
- PAH

BH105* LOCATIONS WITH ASTERISK TESTING COMPLETED

POST DEMOLITION GROUND INVESTIGATION

PROPOSED
- TP03/26

COMPLETED
- TP01/26

NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. THE DRAWING SHOULD BE READ IN CONJUNCTION WITH COFFEY GIR 2015B, COFFEY GIR 2025 AND TESTING RESULTS PROVIDED BY GRAHAMS. THE STOCKPILE AND FILL MATERIAL LOCATIONS HAVE HAD ASBESTOS TESTING HOWEVER COFFEY HAS NOT RECEIVED THEM AT THE TIME OF PREPARING THIS DRAWING.

rev no	revision note	date	checked	approved
4	FIFTH ISSUE - PHASE 2A INTERIM VALIDATION	02/07/26		
3	FOURTH ISSUE - PHASE 2B INTERIM VALIDATION	21/05/26	RP	JMB
2	THIRD ISSUE - ADDITIONAL DATA ADDED (PHASE 2-ITP)	28/01/26	JH	JMB
1	SECOND ISSUE - ADDITIONAL DATA ADDED	06/11/25	RP	JMB
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coffey
A TETRA TECH COMPANY
UK offices:
Harrogate T +44 (0) 1423 626 530
Manchester T +44 (0) 161 6011 630
Reading T +44 (0) 118 9808 670
Website: www.coffeygeotechnics.co.uk
Coffey Geotechnics Limited
Registered Office: 1 Northfield Road, Reading, Berkshire, RG1 8AH, United Kingdom
Registered in England No 06328315

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project:	FALLOWFIELD CAMPUS
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dwg no:	03847AB-COF-XX-DR-GE-000002
rev:	4

File Path: M:\3800 Series\3847AB - Fallowfield Campus\Drawings\7 CIVIL\03847AB_GIR_02.04_Exploratory Hole Map_REV 4.dwg

Appendix A – Graham Construction Ltd Drawings

Shelter

Sheavyn House

Ward Wing

WILMSLOW ROAD

WHITWORTH LANE

GUNNERY LA

Phase 1
Validation Complete

Limes

Phase 2B

Phase 2A

Phase 2C

Woolton Hall

SUB STATION

FALLOWFIELD BROW

MOSELEY ROAD

CARILL DRIVE

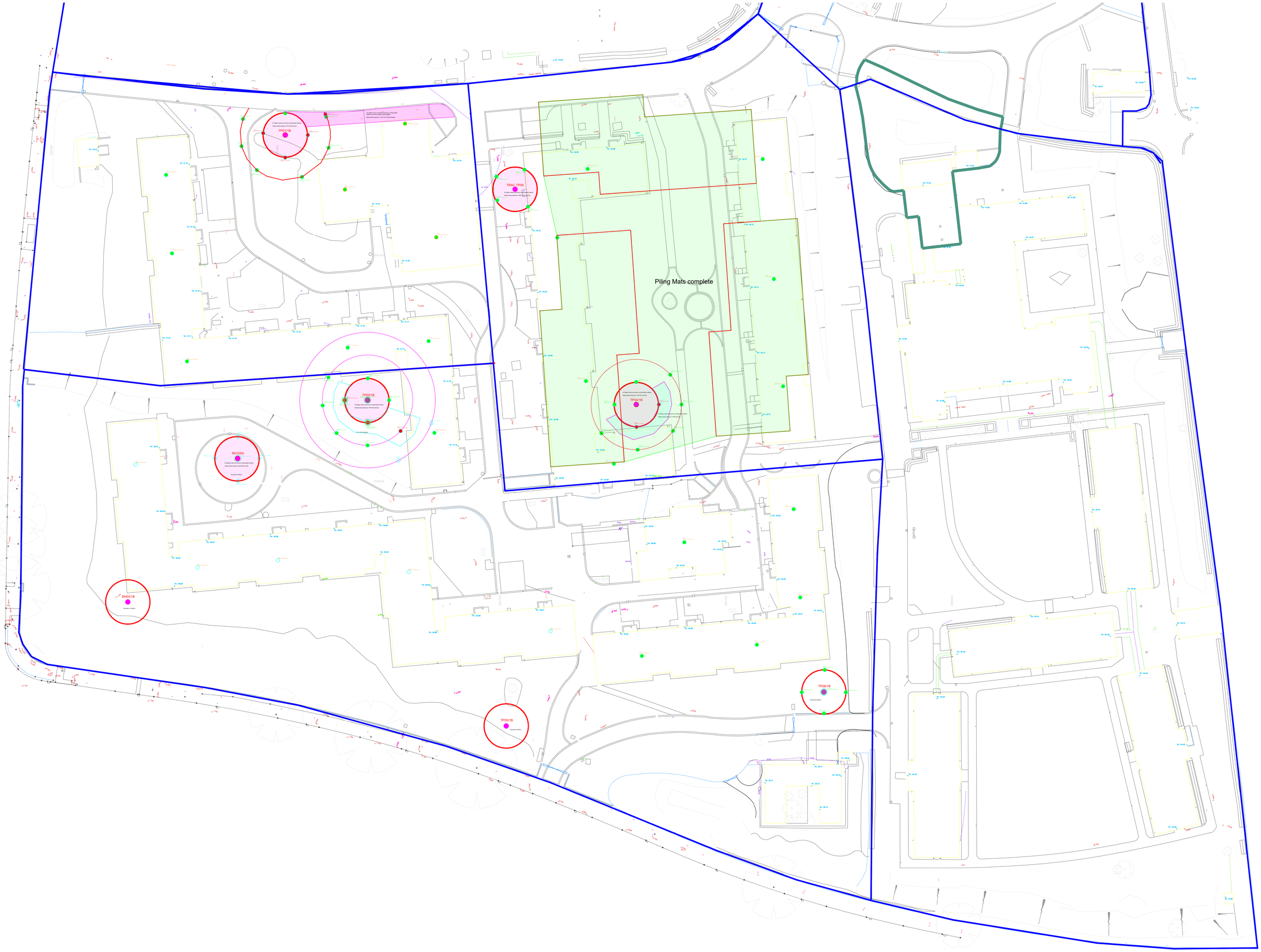
Ladybarn House

5 to 12

1 to 4

13 to 49

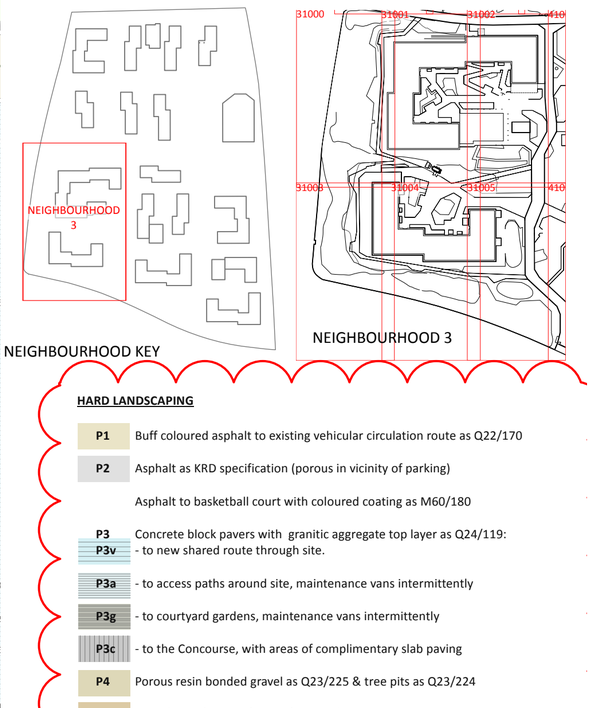
Posts


TP01/1B
TRAC TP09
TP03/1B
BH105A
BH031B
TP05/1B
TP04/1B
TP06/1B
Piling Mats complete

FOR ADJACENT SHEET SEE DRAWING UMRF-LAP-XX-00-DR-L-20000

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(1) Do not scale from this drawing - use written dimensions only. (2) All dimensions are in millimeters unless noted. (3) All dimensions shall be verified on site before proceeding with the work. (4) Contractor to report and discrepancies or errors before proceeding on site. (5)Landscape Projects shall be notified of any discrepancies. (6) Engineer to specify all sub-bases. Any below ground construction is indicative.



NEIGHBOURHOOD KEY

HARD LANDSCAPING

- P1 Buff coloured asphalt to existing vehicular circulation route as Q22/170
- P2 Asphalt as KRD specification (porous in vicinity of parking)
  Asphalt to basketball court with coloured coating as M60/180
- P3 Concrete block pavers with granitic aggregate top layer as Q24/119:
- P3v - to new shared route through site.
- P3a - to access paths around site, maintenance vans intermittently
- P3g - to courtyard gardens, maintenance vans intermittently
- P3c - to the Concourse, with areas of complimentary slab paving
- P4 Porous resin bonded gravel as Q23/225 & tree pits as Q23/224
- P5 Bound gravel paving (porous) as Q23/110
- P7 200mm wide loose gravel strip with timber edging (as Q23/310) where planting abuts building facades as Q23/150
- P8 Tactile paving, blister to crossings, corduroy to steps as Q25/320
- P9 Gravel grid paving to generator enclosures as Q31/285

KERBS AND EDGINGS

- K1 125mm wide standard HB road kerbs with 125mm upstand as Q10/110
- K2 255mm wide Conservation type kerbs, 100mm upstand (f=flush) as Q10/113
- K3 125mm wide road kerb eg Tobermore Fusion, with 125mm upstand as Q10/112
- K5 Flush steel edgings as Q10/200
- K6 75mm concrete edgings eg Tobermore Fusion, 60mm upstand. Q10/111
- K7 25mm wide timber edgings to bound gravel as Q23/310
- K8 Concrete step units as L37/310.

PROPOSED BOUNDARIES

- B-A4 Mesh panel fence as Q40/126 3.03m behind basketball hoop
- B-E Existing railings relocated/new panels with Boundary wall lowered as UMRF-LAP-XX-00-DR-L-00419

M&E

For lighting strategy see drawing UMRF-LAP-XX-00-DR-L-00011. Specification by others.

- EX0 Existing street lighting columns retained
- EX1 Lighting column type EX1 for car-park and loading bay
- EX2-SC Lighting column type EX2 for vehicular access route
- EX3 Bollard lights EX3 along some tertiary pedestrian paths
- EX4 Feature lighting column type EX4 - setting out in abeyance
- EX5 Column light to courtyards type EX5 (symmetrical distribution)
- EX6 Column light to access paths type EX6 (asymmetrical distribution)
- BT Hose Union Tap Below Ground for use by FM team for watering and cleaning the public realm in addition to taps within bin stores.
- In-ground electrical pop-up service point for events, recessed lid filled with paving to match adjacent.
- Lighting protection inspection pits, concrete in hard surfaces, polypropylene in soft. Spec by others, final layout subject to detail co-ordination.
- WIFI Building mounted wifi extender locations, paving slab below for ladder access where located above soft landscaping.

DRAINAGE

All to KRD specifications. Full co-ordination with KRD drainage layout to be completed at next stage and all drainage fitting information shown.

- SD Slot drain
- CD Channel drain
- Headwall to outlet into attenuation basin

STREET FURNITURE

See drawing: UMRF-LAP-XX-00-DR-L-00010

- FB2 Benches/seats associated with Hub Spaces and courtyards Q50/221
- FS3 Individual seats to residential entrances as Q50/225
- FB3 Bench to woodland walk as Q50/223
- FB4 Benches to courtyards as Q50/224
- FB5 Pic-nic benches as Q50/230
- FB6 Informal log seating from site felled trees as Q50/341
- FB10 Seats to cyclestore entrances as Q50/228
- TT Trim Trail equipment as Q52/165 and drawing UMRF-LAP-XX-00-DR-L-00013
- F3 Sheffield type cycle stands as Q50/210
- Cycle shelters see drawing UMRF-LAP-XX-00-DR-L-00402, 413, 414
- F10 Cycle toolstation, one per Neighbourhood as Q50/330
- **Bins:** Quantity and location subject to input from UoM FM Team
- CB Cigarette bins as Q50/244. Freestanding or lamp post mounted.
- LB Litter/recycling bins as Q50/240
- GB Grit bins as Q50/242

SIGNAGE

See drawing: UMRF-LAP-XX-00-DR-L-00019. References in brackets refer to *UoM EPM GM13 Signage Strategy*

- F4 Existing Gateway Monolith (UM01)
- F5 Pedestrian/vehicular directional signage (TBC, monoliths being phased out)
- F6 Neighbourhood/Entrance Minilith
- F7 Fingerpost pedestrian wayfinding signage
- F8 Campus Map Lectern

ANNOTATIONS

- 6 Block numbers
- Building entrances
- +00.000 Existing retained levels
- +00.000 Proposed levels
- **+00.000** Proposed theshold level
- +00.000tk Proposed top of kerb levels
- +00.000tw Proposed top of walls level
- +00.000cl Cover level of drainage fitting
- 1:21 Approximate gradient

RDD: Extent of works to decommissioned gas meter including demolitions and making good.

RDD: Screening to generator enclosure (from above bedroom windows and the design of retaining wall.

26/1/26 Wifi extender location updated

26/1/26 Wifi extender location updated

26/1/26 Terrace positions adjusted for single facade light to side of door

26/1/26 For updates to key see N1 drawing UMRF-LAP-XX-00-DR-L-10000

FOR ADJACENT SHEET SEE DRAWING UMRF-LAP-XX-00-DR-L-50000

REV P5	Rd	2026-01-26	Updates as shown
REV P4	RD	2025-12-18	Design development and general GA updates
REV P3	RD	2025-06-06	General layout updates
REV P2	RD	2025-02-19	Landscape layout updated with tracking info.
REV P1	RD	2025-02-13	First issue

landscapeprojects

31 BLACKFRIARS ROAD
SALFORD
MANCHESTER
M3 7AQ

+44 (0) 161 839 8336

www.landscapeprojects.co.uk
post@landscapeprojects.co.uk

JOB TITLE UoM Residences DBFO

CLIENT University of Manchester

TITLE Neighbourhood 3 GA

SCALE 1:250 @ A1 DATE 2024-11-25

STATUS S4 PURPOSE Formal Review

DRAWN RCD CHECKED NS

REFERENCE UMRF-LAP-XX-00-DR-L-30000 REV P5

Appendix B – Test Results

ANALYTICAL TEST REPORT

Report Number	26-06559, issue number 2
Contract name:	C6284 / Oak House
Client reference:	C6284
Clients name:	Brownfield Solutions Ltd
Clients address:	Brownfield Solutions Ltd 173-183 Witton Street Northwich Cheshire CW9 5LP
Samples received:	05/06/2026
Analysis started:	05/06/2026
Analysis completed:	11/06/2026
Report issued:	11/06/2026 2. Replaces Analytical Report number 26-06559; issue no.1

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: Sam Rogerson
Receipt and Reporting Manager

Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB

Telephone: (01207) 528578, Email supportsquad@chemtech-env.co.uk

Re-Issue Summary

Client: Brownfield Solutions Ltd
Address: 173-183 Witton Street, Northwich, Cheshire, CW9 5LP

Date: **11-Jun-26**

Report No.: **26-06559**

Issue: **2**

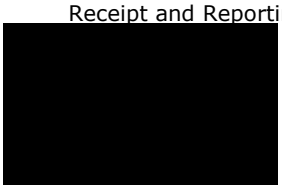
This report replaces 26-06559, issue: 1, issued: 10 June 2026

Reason for Change
C12-16 Aliphatic band and Total CWG added to report

Key
A - Additional Work added
D - Work Deleted
E - Result Edited*
R - Work Repeated*

*If a result changed, please refer to the previous report for the old result. The new result will be shown in this report.

Re-issued by: Sam Rogerson
Receipt and Reporting Manager



Approved by: Sam Rogerson
Receipt and Reporting Manager



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 30ºC

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
110462	TP04/1B/01	0 - 1	Brown Loamy Clay with Gravel and Vegetation.	-	-	11.8
110463	TP04/1B/02	0 - 1	Brown Loamy Clay with Gravel and Vegetation.	-	-	18.1
110464	TP04/1B/03	0 - 1	Brown Loamy Sand with Gravel and Vegetation.	-	-	7.8
110465	TP04/1B/04	0 - 1	Brown Loamy Sand with Gravel and Vegetation.	-	-	9.6
110466	TP04/1B/05	0 - 1	Brown Loamy Clay with Gravel and Vegetation.	-	-	16.1
110467	TP03/1B/N	0 - 1	Brown Loamy Clay with Gravel and Vegetation.	-	-	17.5
110468	TP03/1B/E	0 - 1	Brown Loamy Sand with Gravel and Vegetation.	-	-	13.9
110469	TP03/1B/S	0 - 1	Brown Loamy Clay with Gravel and Vegetation.	-	-	14.6
110470	TP03/1B/W	0 - 1	Brown Loamy Sand with Gravel and Vegetation.	-	-	14.6

SOILS

Lab Number					110462	110463	110464	110465	110466
Client Reference					SOIL	SOIL	SOIL	SOIL	SOIL
Sample ID					TP04/1B/01	TP04/1B/02	TP04/1B/03	TP04/1B/04	TP04/1B/05
Depth (m)					0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Sampling Date					03/06/2026	03/06/2026	03/06/2026	03/06/2026	03/06/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Mercury	CE264	M	0.6	mg/kg	0.9	< 0.6	0.7	0.9	< 0.6
Combustion									
Moisture Content	CE001	N	0.1	%	11.8	18.1	7.8	9.6	16.1
Soil Organic Matter	CE192	N	0.1	%	1.67	5.43	1.90	2.03	2.38
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.036	0.158	0.085	0.051	0.058
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	0.145	0.059	0.061	0.029
Acenaphthene	CE087	M	0.013	mg/kg	0.033	0.322	0.034	0.068	0.224
Fluorene	CE087	U	0.013	mg/kg	0.031	0.390	0.026	0.086	0.192
Phenanthrene	CE087	M	0.014	mg/kg	0.286	2.82	0.547	0.963	2.27
Anthracene	CE087	U	0.017	mg/kg	0.074	0.708	0.128	0.212	0.443
Fluoranthene	CE087	M	0.017	mg/kg	0.476	3.38	1.01	1.33	3.09
Pyrene	CE087	M	0.016	mg/kg	0.474	3.28	0.920	1.25	2.96
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.232	1.55	0.496	0.569	1.23
Chrysene	CE087	M	0.028	mg/kg	0.222	1.41	0.450	0.574	1.21
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.248	1.49	0.622	0.659	1.28
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.102	0.624	0.250	0.259	0.522
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.234	1.44	0.504	0.592	1.23
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.200	1.11	0.543	0.524	0.899
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.038	0.220	0.088	0.107	0.162
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.153	0.847	0.385	0.387	0.693
Total PAH(16)	CE087	N	0.28	mg/kg	2.84	19.9	6.15	7.68	16.5
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

SOILS

Lab Number					110462	110463	110464	110465	110466
Client Reference					SOIL	SOIL	SOIL	SOIL	SOIL
Sample ID					TP04/1B/01	TP04/1B/02	TP04/1B/03	TP04/1B/04	TP04/1B/05
Depth (m)					0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Sampling Date					03/06/2026	03/06/2026	03/06/2026	03/06/2026	03/06/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	0.19	< 0.10	< 0.10	< 0.10	< 0.10
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C10-C12 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
>C12-C16 Aliphatic (EH_CU_1D_AL)	CE286	N	4.3	mg/kg	< 4.3	< 4.3	< 4.3	< 4.3	< 4.3
>C16-C21 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
>C21-C35 Aliphatic (EH_CU_1D_AL)	CE286	N	5.2	mg/kg	< 5.2	< 5.2	7.8	< 5.2	< 5.2
>C35-C40 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
>C35-C44 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
>C10-C12 Aromatic (EH_CU_1D_AR)	CE286	N	5	mg/kg	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
>C12-C16 Aromatic (EH_CU_1D_AR)	CE286	N	5.5	mg/kg	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5
>C16-C21 Aromatic (EH_CU_1D_AR)	CE286	N	4.5	mg/kg	< 4.5	15.7	6.3	4.9	7.6
>C21-C35 Aromatic (EH_CU_1D_AR)	CE286	N	11	mg/kg	24.6	69.6	35.4	28.6	29.4
>C35-C40 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	< 5.2	19.8	6.8	9.5	8.5
>C35-C44 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	< 5.2	35.5	8.2	13.7	11.0
>C5-C44 Total (EH_CU+HS_1D_Total)	CE286	N	21.4	mg/kg	35.9	131	62.1	55.6	56.6

SOILS

Lab Number					110467	110468	110469	110470
Client Reference					SOIL	SOIL	SOIL	SOIL
Sample ID					TP03/1B/N	TP03/1B/E	TP03/1B/S	TP03/1B/W
Depth (m)					0 - 1	0 - 1	0 - 1	0 - 1
Sampling Date					03/06/2026	03/06/2026	03/06/2026	03/06/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
Soil sample preparation parameters								
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1
Metals								
Mercury	CE264	M	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6
Combustion								
Moisture Content	CE001	N	0.1	%	17.5	13.9	14.6	14.6
Soil Organic Matter	CE192	N	0.1	%	14.8	5.40	8.14	18.2
Polyaromatic hydrocarbons								
Naphthalene	CE087	M	0.016	mg/kg	0.111	0.082	4.00	0.156
Acenaphthylene	CE087	M	0.015	mg/kg	0.046	< 0.015	< 0.015	0.158
Acenaphthene	CE087	M	0.013	mg/kg	0.245	0.090	5.62	1.81
Fluorene	CE087	U	0.013	mg/kg	0.187	0.049	4.32	1.36
Phenanthrene	CE087	M	0.014	mg/kg	2.11	1.03	39.6	24.1
Anthracene	CE087	U	0.017	mg/kg	0.526	0.257	11.6	6.11
Fluoranthene	CE087	M	0.017	mg/kg	3.19	1.92	35.6	55.1
Pyrene	CE087	M	0.016	mg/kg	3.18	1.84	35.2	46.2
Benzo(a)anthracene	CE087	U	0.012	mg/kg	1.54	1.05	15.8	19.6
Chrysene	CE087	M	0.028	mg/kg	1.46	0.936	14.9	15.9
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	1.80	1.25	14.6	19.0
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.674	0.450	5.54	8.20
Benzo(a)pyrene	CE087	U	0.019	mg/kg	1.73	1.25	14.3	19.2
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	1.41	1.03	10.6	14.8
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.254	0.194	1.87	2.75
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	1.10	0.784	7.82	10.2
Total PAH(16)	CE087	N	0.28	mg/kg	19.6	12.2	221	245
BTEX								
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002

SOILS

Lab Number					110467	110468	110469	110470
Client Reference					SOIL	SOIL	SOIL	SOIL
Sample ID					TP03/1B/N	TP03/1B/E	TP03/1B/S	TP03/1B/W
Depth (m)					0 - 1	0 - 1	0 - 1	0 - 1
Sampling Date					03/06/2026	03/06/2026	03/06/2026	03/06/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons								
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
>C10-C12 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	2.6	< 2.5	< 2.5	< 2.5
>C12-C16 Aliphatic (EH_CU_1D_AL)	CE286	N	4.3	mg/kg	6.8	5.0	< 4.3	5.5
>C16-C21 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	3.1	< 2.5	< 2.5	4.1
>C21-C35 Aliphatic (EH_CU_1D_AL)	CE286	N	5.2	mg/kg	< 5.2	< 5.2	< 5.2	6.2
>C35-C40 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	< 2.6	< 2.6	< 2.6	3.0
>C35-C44 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	< 2.6	4.2	< 2.6	3.9
>C10-C12 Aromatic (EH_CU_1D_AR)	CE286	N	5	mg/kg	< 5.0	< 5.0	< 5.0	< 5.0
>C12-C16 Aromatic (EH_CU_1D_AR)	CE286	N	5.5	mg/kg	< 5.5	< 5.5	< 5.5	15.9
>C16-C21 Aromatic (EH_CU_1D_AR)	CE286	N	4.5	mg/kg	21.9	4.7	28.5	161
>C21-C35 Aromatic (EH_CU_1D_AR)	CE286	N	11	mg/kg	62.0	17.9	90.2	388
>C35-C40 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	14.9	8.3	21.4	56.2
>C35-C44 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	20.3	11.6	36.0	89.2
>C5-C44 Total (EH_CU+HS_1D_Total)	CE286	N	21.4	mg/kg	131	52.0	165	678

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
CE267	BTEX in Soils	Analysis by HSGCFID	As submitted sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE192	TOC In Soil	PRIMACS Combustion Analyser	Air dried sample
CE286	TPHCWG in Soil	Acetone:Hexane Extraction, SPE and GCFID	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)
110462	TP04/1B/01	0 - 1	N	
110463	TP04/1B/02	0 - 1	N	
110464	TP04/1B/03	0 - 1	N	
110465	TP04/1B/04	0 - 1	N	
110466	TP04/1B/05	0 - 1	N	
110467	TP03/1B/N	0 - 1	N	
110468	TP03/1B/E	0 - 1	N	
110469	TP03/1B/S	0 - 1	N	
110470	TP03/1B/W	0 - 1	N	

REPORT INFORMATION

Report No.:26-06559, issue number 2

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

ANALYTICAL TEST REPORT

Report Number	26-05688, issue number 1
Contract name:	Fallowfield
Client reference:	Not Supplied
Clients name:	Brownfield Solutions Ltd
Clients address:	Brownfield Solutions Ltd 173-183 Witton Street Northwich Cheshire CW9 5LP
Samples received:	14/05/2026
Analysis started:	14/05/2026
Analysis completed:	20/05/2026
Report issued:	20/05/2026

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: Sam Rogerson
Receipt and Reporting Manager

Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB

Telephone: (01207) 528578, Email supportsquad@chemtech-env.co.uk

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 30ºC

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
106388	TP03/26	0.0 - 0.3	Brown Sandy Clay with Stones.	-	-	8.9
106389	TP08/26	0.0 - 0.8	Brown Sandy Loam with Stones.	-	-	8.5
106390	TP13/26	0.0 - 1.5	Brown Clay with Stones.	-	-	16.1
106391	TRAC TP09/01	0.0 - 0.5	-	-	-	-
106392	TRAC TP09/01	0.5 - 1.0	-	-	-	-
106393	TRAC TP09/02	0.0 - 0.3	-	-	-	-
106394	TRAC TP09/03	0.0 - 0.5	-	-	-	-
106395	TRAC TP09/04	0.0 - 0.5	-	-	-	-
106396	TRAC TP09/04	0.5 - 1.0	-	-	-	-
106397	TP01/1B/05	0.4 - 0.5	Brown Sandy Clay with Stones.	-	-	14.3
106398	TP01/1B/06	0.4 - 0.5	Brown Sandy Clay with Stones.	-	-	3.9

SOILS

Lab Number					106388	106389	106390	106391	106392
Sample ID					TP03/26	TP08/26	TP13/26	TRAC TP09/01	TRAC TP09/01
Depth (m)					0.0 - 0.3	0.0 - 0.8	0.0 - 1.5	0.0 - 0.5	0.5 - 1.0
Sampling Date					12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Asbestos sample description	SUBCON	SN	0	-	-	-	-	-	-
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	n/t	n/t
Metals									
Water Soluble Sulphate	CE061	M	10	mg/l	505	1350	115	n/t	n/t
Arsenic	CE264	M	2.3	mg/kg	4.1	6.0	3.8	n/t	n/t
Cadmium	CE264	M	1.1	mg/kg	< 1.1	< 1.1	< 1.1	n/t	n/t
Chromium	CE264	U	1.3	mg/kg	15.2	13.6	23.7	n/t	n/t
Copper	CE264	M	1.2	mg/kg	96.1	48.3	14.6	n/t	n/t
Lead	CE264	U	2.4	mg/kg	27.6	43.9	8.9	n/t	n/t
Mercury	CE264	M	0.6	mg/kg	< 0.6	< 0.6	< 0.6	n/t	n/t
Nickel	CE264	M	1.6	mg/kg	13.4	11.9	14.6	n/t	n/t
Selenium	CE264	M	3	mg/kg	< 3.0	< 3.0	< 3.0	n/t	n/t
Zinc	CE264	M	2.4	mg/kg	31.1	36.0	24.1	n/t	n/t
Colourimetric									
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	0.240	0.170	< 0.040	n/t	n/t
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	n/t	n/t
Chromium III	CE208	N	2	mg/kg	14.9	13.5	23.8	n/t	n/t
Combustion									
Moisture Content	CE001	N	0.1	%	8.9	8.5	16.1	n/t	n/t
Soil Organic Matter	CE192	N	0.1	%	0.84	2.33	0.62	n/t	n/t
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.020	0.074	< 0.016	n/t	n/t
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	n/t	n/t
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	n/t	n/t
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	n/t	n/t
Phenanthrene	CE087	M	0.014	mg/kg	0.056	0.156	< 0.014	n/t	n/t
Anthracene	CE087	U	0.017	mg/kg	< 0.017	0.022	< 0.017	n/t	n/t
Fluoranthene	CE087	M	0.017	mg/kg	0.097	0.200	< 0.017	n/t	n/t

SOILS

Lab Number					106388	106389	106390	106391	106392
Sample ID					TP03/26	TP08/26	TP13/26	TRAC TP09/01	TRAC TP09/01
Depth (m)					0.0 - 0.3	0.0 - 0.8	0.0 - 1.5	0.0 - 0.5	0.5 - 1.0
Sampling Date					12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.096	0.186	< 0.016	n/t	n/t
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.039	0.091	< 0.012	n/t	n/t
Chrysene	CE087	M	0.028	mg/kg	0.043	0.089	< 0.028	n/t	n/t
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.051	0.118	< 0.020	n/t	n/t
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	0.049	< 0.025	n/t	n/t
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.040	0.094	< 0.019	n/t	n/t
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.036	0.077	< 0.019	n/t	n/t
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	n/t	n/t
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.031	0.067	< 0.019	n/t	n/t
Total PAH(16)	CE087	N	0.28	mg/kg	0.509	1.22	< 0.280	n/t	n/t
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	n/t	n/t
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	n/t	n/t
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	n/t	n/t
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	n/t	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	n/t	n/t
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	n/t	n/t
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	n/t	n/t
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	n/t	n/t
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	n/t	n/t
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	n/t	n/t
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	n/t	n/t
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	1.8	< 0.7	n/t	n/t
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	14.7	< 4.0	n/t	n/t
>C35-C44 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	1.6	< 0.5	n/t	n/t
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	n/t	n/t
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	n/t	n/t
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	n/t	n/t
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	< 0.6	< 0.6	n/t	n/t
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	< 1.0	1.0	< 1.0	n/t	n/t

SOILS

Lab Number					106388	106389	106390	106391	106392
Sample ID					TP03/26	TP08/26	TP13/26	TRAC TP09/01	TRAC TP09/01
Depth (m)					0.0 - 0.3	0.0 - 0.8	0.0 - 1.5	0.0 - 0.5	0.5 - 1.0
Sampling Date					12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	n/t	n/t
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	7.6	< 4.5	n/t	n/t
>C35-C44 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	n/t	n/t
Wet Chem									
pH	CE004	M	0.1	pH units	9.3	8.7	7.7	n/t	n/t

SOILS

Lab Number					106393	106394	106395	106396	106397
Sample ID					TRAC TP09/02	TRAC TP09/03	TRAC TP09/04	TRAC TP09/04	TP01/1B/05
Depth (m)					0.0 - 0.3	0.0 - 0.5	0.0 - 0.5	0.5 - 1.0	0.4 - 0.5
Sampling Date					12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	n/t
Asbestos sample description	SUBCON	SN	0	-	-	-	-	-	n/t
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	n/t	n/t	n/t	n/t	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	10	mg/l	n/t	n/t	n/t	n/t	n/t
Arsenic	CE264	M	2.3	mg/kg	n/t	n/t	n/t	n/t	n/t
Cadmium	CE264	M	1.1	mg/kg	n/t	n/t	n/t	n/t	n/t
Chromium	CE264	U	1.3	mg/kg	n/t	n/t	n/t	n/t	n/t
Copper	CE264	M	1.2	mg/kg	n/t	n/t	n/t	n/t	n/t
Lead	CE264	U	2.4	mg/kg	n/t	n/t	n/t	n/t	n/t
Mercury	CE264	M	0.6	mg/kg	n/t	n/t	n/t	n/t	n/t
Nickel	CE264	M	1.6	mg/kg	n/t	n/t	n/t	n/t	n/t
Selenium	CE264	M	3	mg/kg	n/t	n/t	n/t	n/t	n/t
Zinc	CE264	M	2.4	mg/kg	n/t	n/t	n/t	n/t	n/t
Colourimetric									
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	n/t	n/t	n/t	n/t	n/t
Total Monohydric Phenols	CE078	N	0.5	mg/kg	n/t	n/t	n/t	n/t	n/t
Chromium III	CE208	N	2	mg/kg	n/t	n/t	n/t	n/t	n/t
Combustion									
Moisture Content	CE001	N	0.1	%	n/t	n/t	n/t	n/t	14.3
Soil Organic Matter	CE192	N	0.1	%	n/t	n/t	n/t	n/t	0.66
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	n/t	n/t	n/t	n/t	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	n/t	n/t	n/t	n/t	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	n/t	n/t	n/t	n/t	< 0.013
Fluorene	CE087	U	0.013	mg/kg	n/t	n/t	n/t	n/t	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	n/t	n/t	n/t	n/t	< 0.014
Anthracene	CE087	U	0.017	mg/kg	n/t	n/t	n/t	n/t	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	n/t	n/t	n/t	n/t	< 0.017

SOILS

Lab Number					106393	106394	106395	106396	106397
Sample ID					TRAC TP09/02	TRAC TP09/03	TRAC TP09/04	TRAC TP09/04	TP01/1B/05
Depth (m)					0.0 - 0.3	0.0 - 0.5	0.0 - 0.5	0.5 - 1.0	0.4 - 0.5
Sampling Date					12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	n/t	n/t	n/t	n/t	< 0.016
Benzo(a)anthracene	CE087	U	0.012	mg/kg	n/t	n/t	n/t	n/t	< 0.012
Chrysene	CE087	M	0.028	mg/kg	n/t	n/t	n/t	n/t	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	n/t	n/t	n/t	n/t	< 0.020
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	n/t	n/t	n/t	n/t	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	n/t	n/t	n/t	n/t	< 0.019
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	n/t	n/t	n/t	n/t	< 0.019
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	n/t	n/t	n/t	n/t	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	n/t	n/t	n/t	n/t	< 0.019
Total PAH(16)	CE087	N	0.28	mg/kg	n/t	n/t	n/t	n/t	< 0.280
BTEX									
Benzene	CE267	U	0.001	mg/kg	n/t	n/t	n/t	n/t	n/t
Toluene	CE267	U	0.001	mg/kg	n/t	n/t	n/t	n/t	n/t
Ethylbenzene	CE267	U	0.001	mg/kg	n/t	n/t	n/t	n/t	n/t
MTBE	CE267	N	0.002	mg/kg	n/t	n/t	n/t	n/t	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	n/t	n/t	n/t	n/t	n/t
oXylenes	CE267	U	0.002	mg/kg	n/t	n/t	n/t	n/t	n/t
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	n/t	n/t	n/t	n/t	n/t
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	n/t	n/t	n/t	n/t	n/t
>C35-C44 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	n/t
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	n/t
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	n/t	n/t	n/t	n/t	n/t
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	n/t	n/t	n/t	n/t	n/t

SOILS

Lab Number					106393	106394	106395	106396	106397
Sample ID					TRAC TP09/02	TRAC TP09/03	TRAC TP09/04	TRAC TP09/04	TP01/1B/05
Depth (m)					0.0 - 0.3	0.0 - 0.5	0.0 - 0.5	0.5 - 1.0	0.4 - 0.5
Sampling Date					12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	n/t	n/t	n/t	n/t	n/t
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C35-C44 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	n/t	n/t	n/t	n/t	n/t
Wet Chem									
pH	CE004	M	0.1	pH units	n/t	n/t	n/t	n/t	n/t

SOILS

Lab Number					106398
Sample ID					TP01/1B/06
Depth (m)					0.4 - 0.5
Sampling Date					12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**	
Asbestos					
Asbestos Identification	SUBCON	SU	0	-	n/t
Asbestos sample description	SUBCON	SN	0	-	n/t
Soil sample preparation parameters					
Stones Content	CE001	N	0.1	%	< 0.1
Metals					
Water Soluble Sulphate	CE061	M	10	mg/l	n/t
Arsenic	CE264	M	2.3	mg/kg	n/t
Cadmium	CE264	M	1.1	mg/kg	n/t
Chromium	CE264	U	1.3	mg/kg	n/t
Copper	CE264	M	1.2	mg/kg	n/t
Lead	CE264	U	2.4	mg/kg	n/t
Mercury	CE264	M	0.6	mg/kg	n/t
Nickel	CE264	M	1.6	mg/kg	n/t
Selenium	CE264	M	3	mg/kg	n/t
Zinc	CE264	M	2.4	mg/kg	n/t
Colourimetric					
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	n/t
Total Monohydric Phenols	CE078	N	0.5	mg/kg	n/t
Chromium III	CE208	N	2	mg/kg	n/t
Combustion					
Moisture Content	CE001	N	0.1	%	3.9
Soil Organic Matter	CE192	N	0.1	%	0.95
Polyaromatic hydrocarbons					
Naphthalene	CE087	M	0.016	mg/kg	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	< 0.014
Anthracene	CE087	U	0.017	mg/kg	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	< 0.017

SOILS

Lab Number					106398
Sample ID					TP01/1B/06
Depth (m)					0.4 - 0.5
Sampling Date					12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**	
Pyrene	CE087	M	0.016	mg/kg	< 0.016
Benzo(a)anthracene	CE087	U	0.012	mg/kg	< 0.012
Chrysene	CE087	M	0.028	mg/kg	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	< 0.020
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	< 0.019
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	< 0.019
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	< 0.019
Total PAH(16)	CE087	N	0.28	mg/kg	< 0.280
BTEX					
Benzene	CE267	U	0.001	mg/kg	n/t
Toluene	CE267	U	0.001	mg/kg	n/t
Ethylbenzene	CE267	U	0.001	mg/kg	n/t
MTBE	CE267	N	0.002	mg/kg	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	n/t
oXylenes	CE267	U	0.002	mg/kg	n/t
Total Petroleum Hydrocarbons					
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	n/t
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	n/t
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	n/t
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	n/t
>C35-C44 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	n/t
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	n/t
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	n/t

SOILS

Lab Number					106398
Sample ID					TP01/1B/06
Depth (m)					0.4 - 0.5
Sampling Date					12/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**	
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	n/t
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	n/t
>C35-C44 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	n/t
Wet Chem					
pH	CE004	M	0.1	pH units	n/t

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
CE061	W. Sol Metals	ICPOES	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE267	BTEX in Soils	Analysis by HSGCFID	As submitted sample
CE263	ChromiumVI by Discrete Analyser in Soil	Gallery	Air dried sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Soil	Continuous Flow Analyser	As submitted sample
CE208	Chromium Hexavalent in Soil	Colorimetry	Air dried sample
CE192	TOC In Soil	PRIMACS Combustion Analyser	Air dried 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)
106388	TP03/26	0.0 - 0.3	N	
106389	TP08/26	0.0 - 0.8	N	
106390	TP13/26	0.0 - 1.5	N	
106391	TRAC TP09/01	0.0 - 0.5	N	
106392	TRAC TP09/01	0.5 - 1.0	N	
106393	TRAC TP09/02	0.0 - 0.3	N	
106394	TRAC TP09/03	0.0 - 0.5	N	
106395	TRAC TP09/04	0.0 - 0.5	N	
106396	TRAC TP09/04	0.5 - 1.0	N	
106397	TP01/1B/05	0.4 - 0.5	N	
106398	TP01/1B/06	0.4 - 0.5	N	

REPORT INFORMATION

Report No.:26-05688, 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.

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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

ANALYTICAL TEST REPORT

Report Number	26-06347, issue number 1
Contract name:	C6284 / Oak House
Client reference:	Not Supplied
Clients name:	Brownfield Solutions Ltd
Clients address:	Brownfield Solutions Ltd 173-183 Witton Street Northwich Cheshire CW9 5LP
Samples received:	01/06/2026
Analysis started:	02/06/2026
Analysis completed:	05/06/2026
Report issued:	05/06/2026

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 30ºC

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
109636	TP17/26	0.00 - 1.50	Brown Sandy Loam with Gravel and Vegetation.	-	-	10.4
109637	TP14/26	0.15 - 1.40	Brown Sandy Clayey Loam with Gravel and Vegetation.	-	-	12.2
109638	TP04/26	0.00 - 0.90	Brown Sandy Loam with Gravel and Vegetation.	-	-	12.5
109639	TP09/26	0.00 - 1.20	Brown Sandy Loam with Gravel and Vegetation.	-	-	11.2

SOILS

Lab Number					109636	109637	109638	109639
Client Reference					ES	ES	ES	ES
Sample ID					TP17/26	TP14/26	TP04/26	TP09/26
Depth (m)					0.00 - 1.50	0.15 - 1.40	0.00 - 0.90	0.00 - 1.20
Sampling Date					28/05/2026	28/05/2026	28/05/2026	28/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
Asbestos								
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD
Asbestos sample description	SUBCON	SN	0	-	-	-	-	-
Soil sample preparation parameters								
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1
Metals								
Water Soluble Sulphate	CE061	M	10	mg/l	12.6	15.1	13.9	20.5
Arsenic	CE264	M	2.3	mg/kg	6.1	5.6	6.1	4.7
Cadmium	CE264	M	1.1	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1
Chromium	CE264	U	1.3	mg/kg	12.0	12.5	26.2	15.9
Copper	CE264	M	1.2	mg/kg	22.9	21.0	25.7	18.5
Lead	CE264	U	2.4	mg/kg	49.5	111	16.8	7.0
Mercury	CE264	M	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6
Nickel	CE264	M	1.6	mg/kg	10.1	12.7	45.8	17.7
Selenium	CE264	M	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0
Zinc	CE264	M	2.4	mg/kg	18.0	12.9	22.5	2.8
Colourimetric								
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	0.070	< 0.040	< 0.040	< 0.040
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50
Chromium III	CE208	N	2	mg/kg	12.0	12.5	26.2	16.0
Combustion								
Moisture Content	CE001	N	0.1	%	10.4	12.2	12.5	11.2
Soil Organic Matter	CE192	N	0.1	%	1.66	1.86	0.67	0.69
Polyaromatic hydrocarbons								
Naphthalene	CE087	M	0.016	mg/kg	0.023	< 0.016	< 0.016	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	0.029	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	0.021	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.251	0.057	0.020	0.028
Anthracene	CE087	U	0.017	mg/kg	0.053	0.020	< 0.017	< 0.017

SOILS

Lab Number					109636	109637	109638	109639
Client Reference					ES	ES	ES	ES
Sample ID					TP17/26	TP14/26	TP04/26	TP09/26
Depth (m)					0.00 - 1.50	0.15 - 1.40	0.00 - 0.90	0.00 - 1.20
Sampling Date					28/05/2026	28/05/2026	28/05/2026	28/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
Fluoranthene	CE087	M	0.017	mg/kg	0.465	0.165	0.038	0.048
Pyrene	CE087	M	0.016	mg/kg	0.464	0.173	0.038	0.049
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.253	0.111	0.023	0.032
Chrysene	CE087	M	0.028	mg/kg	0.246	0.113	< 0.028	0.031
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.295	0.148	0.022	0.039
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.118	0.057	< 0.025	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.262	0.112	< 0.019	0.030
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.220	0.105	< 0.019	0.037
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.042	0.025	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.174	0.086	< 0.019	0.029
Total PAH(16)	CE087	N	0.28	mg/kg	2.92	1.17	< 0.280	0.323
BTEX								
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons								
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	0.5	< 0.5	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	1.7	< 0.7	< 0.7	1.1
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	6.7	< 4.0	< 4.0	7.5
>C35-C44 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					109636	109637	109638	109639
Client Reference					ES	ES	ES	ES
Sample ID					TP17/26	TP14/26	TP04/26	TP09/26
Depth (m)					0.00 - 1.50	0.15 - 1.40	0.00 - 0.90	0.00 - 1.20
Sampling Date					28/05/2026	28/05/2026	28/05/2026	28/05/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	1.3	< 0.6	< 0.6	1.2
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	4.2	< 1.0	1.7	3.0
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	5.6	< 2.0	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	25.0	< 4.5	9.5	17.1
>C35-C44 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	4.0	< 2.0	< 2.0	2.8
Wet Chem								
pH	CE004	M	0.1	pH units	7.9	7.8	8.1	8.3

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
CE061	W. Sol Metals	ICPOES	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE267	BTEX in Soils	Analysis by HSGCFID	As submitted sample
CE263	ChromiumVI by Discrete Analyser in Soil	Gallery	Air dried sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Soil	Continuous Flow Analyser	As submitted sample
CE208	Chromium Hexavalent in Soil	Colorimetry	Air dried sample
CE192	TOC In Soil	PRIMACS Combustion Analyser	Air dried 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.

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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)
109636	TP17/26	0.00 - 1.50	N	
109637	TP14/26	0.15 - 1.40	N	
109638	TP04/26	0.00 - 0.90	N	
109639	TP09/26	0.00 - 1.20	N	

REPORT INFORMATION

Report No.:26-06347, 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.

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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

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP04/1B/01
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385737E, 394074N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	03/06/26 - 03/06/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.00	ES		1.00			MADE GROUND: Dark brown slightly gravelly clayey SAND with medium cobble content. Sand is fine to coarse. Gravel is angular to sub-angular fine to coarse of brick, concrete, rare tarmac, and sandstone. Cobbles are angular of brick up to 150mm in diameter. *Black staining with no odour, likely due to degrading organic matter noted from 0.00m to 1.00m bgl.* End of Trial Pit at 1.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP04/1B/02
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385740E, 394067N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	03/06/26 - 03/06/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.00	ES		1.00			MADE GROUND: Dark brown slightly gravelly clayey SAND with medium cobble content. Sand is fine to coarse. Gravel is angular to sub-angular fine to coarse of brick, concrete, rare tarmac, and sandstone. Cobbles are angular of brick up to 150mm in diameter. *Black staining with no odour, likely due to degrading organic matter noted from 0.00m to 1.00m bgl.* End of Trial Pit at 1.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP04/1B/03
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385738E, 394062N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	03/06/26 - 03/06/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.00	ES		1.00			MADE GROUND: Greyish brown slightly gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is angular to sub-angular fine to coarse of brick, concrete, and sandstone. Cobbles are angular of brick and rare concrete up to 300mm in diameter.
							End of Trial Pit at 1.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP04/1B/04
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385730E, 394057N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	03/06/26 - 03/06/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.00	ES		1.00			MADE GROUND: Greyish brown slightly gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is angular to sub-angular fine to coarse of brick, concrete, and sandstone. Cobbles are angular of brick and rare concrete up to 200mm in diameter.
							End of Trial Pit at 1.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP04/1B/05
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385722E, 394061N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	03/06/26 - 03/06/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.00	ES		1.00			MADE GROUND: Greyish brown slightly gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is angular to sub-angular fine to coarse of brick, concrete, rare ceramic, and sandstone. Cobbles are angular of brick and rare concrete up to 150mm in diameter.
							End of Trial Pit at 1.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TRAC TP09/01
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385699E, 394188N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	12/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	DV

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.50	ES					MADE GROUND: Reddish brown slightly gravelly clayey SAND with low cobble content. Sand is fine to coarse. Gravel is angular to sub-rounded fine to coarse of concrete, brick, rare fabric, sandstone, and mudstone. Cobbles are angular of brick up to 200mm in diameter.
	0.50-1.00	ES					
				1.00			Stiff light brown slightly gravelly slightly sandy CLAY with occasional rootlets. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of mudstone.
				1.20			End of Trial Pit at 1.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No. TRAC TP09/02
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385706E, 394118N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	12/05/26 - 12/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	DV

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.30	ES		0.30			MADE GROUND: Reddish brown slightly gravelly clayey SAND with low cobble content. Sand is fine to coarse. Gravel is angular to sub-rounded fine to coarse of concrete, brick, rare fabric, sandstone, and mudstone. Cobbles are angular of brick up to 200mm in diameter.
				0.50			Stiff light brown slightly gravelly slightly sandy CLAY with occasional rootlets. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of mudstone.
							End of Trial Pit at 0.50m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TRAC TP09/03
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385707E, 394112N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	12/05/26 - 12/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	DV

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.50	ES					MADE GROUND: Reddish brown slightly gravelly clayey SAND with low cobble content. Sand is fine to coarse. Gravel is angular to sub-rounded fine to coarse of concrete, brick, rare fabric, sandstone, and mudstone. Cobbles are angular of brick up to 200mm in diameter.
				0.50			Stiff light brown slightly gravelly slightly sandy CLAY with occasional rootlets. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of mudstone.
				0.80			End of Trial Pit at 0.80m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TRAC TP09/04
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385700E, 394111N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	12/05/26 - 12/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	DV

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.50	ES					MADE GROUND: Reddish brown slightly gravelly clayey SAND with low cobble content. Sand is fine to coarse. Gravel is angular to sub-rounded fine to coarse of concrete, brick, rare fabric, sandstone, and mudstone. Cobbles are angular of brick up to 200mm in diameter.
	0.50-1.00	ES					
				1.00			Stiff light brown slightly gravelly slightly sandy CLAY with occasional rootlets. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of mudstone.
				1.10			End of Trial Pit at 1.10m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP03/26
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385719E, 394120N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	12/05/26 - 12/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	DV

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.30	ES					MADE GROUND: Reddish brown slightly gravelly clayey SAND with low cobble content. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of concrete, brick, rare metal, sandstone, and mudstone. Cobbles are angular of brick up to 200mm in diameter.
	0.30-0.50	ES		0.30			Firm grey mottled brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of mudstone, coal, and sandstone.
				0.50			End of Trial Pit at 0.50m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP04/26
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385758E, 394122N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	28/05/26

Hole Type	
TP	
Scale	
1:25	
Logged	**Checked**
MB	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.90	ES					MADE GROUND: Brown slightly gravelly clayey SAND. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of brick and concrete.
	0.90-1.30	ES		0.90			Reddish brown slightly gravelly SAND. Sand is fine to coarse. Gravel is sub-angular to sub-rounded of sandstone and mudstone.
				1.30			End of Trial Pit at 1.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP08/26
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385712E, 394104N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	12/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	DV

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.80	ES					MADE GROUND: Greyish brown slightly clayey gravelly SAND with medium cobble content. Sand is fine to coarse. Gravel is angular to sub-angular fine to coarse of brick, concrete, rare metal, mudstone, and sandstone. Cobbles are angular of brick and concrete up to 300mm in diameter. *Relic brick wall foundation encountered in northern wall of pit from ground level to 0.70m bgl.* *Relic concrete foundation encountered in northern wall of pit from 0.70m to 1.50m bgl.*
	0.80-1.80	ES		0.80			Firm grey mottled brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of mudstone, coal, and sandstone.
				1.50			Reddish brown slightly gravelly SAND. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to medium of sandstone.
				1.80			End of Trial Pit at 1.80m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP09/26
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385760E, 394095N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	28/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	MB	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.20	ES					MADE GROUND: Brown slightly gravelly clayey SAND. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of brick and concrete.
	1.20-1.50	ES		1.20			Reddish brown slightly gravelly SAND. Sand is fine to coarse. Gravel is sub-angular to sub-rounded of sandstone and mudstone.
				1.50			End of Trial Pit at 1.50m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP13/26
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385719E, 394073N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	12/05/26 - 12/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	JL	DV

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.50	ES					Firm grey mottled brown slightly gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of mudstone, coal, and sandstone. *Relic concrete foundation encountered in northern wall of pit from ground level to 1.60m bgl.*
	1.50-2.00	ES		1.50			Reddish brown slightly gravelly SAND. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to medium of sandstone.
				2.00			End of Trial Pit at 2.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP14/26
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385762E, 394071N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	28/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	MB	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.15-1.40	ES		0.15			MADE GROUND: Concrete
							MADE GROUND: Brown slightly gravelly clayey SAND. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of brick, concrete and timber.
				1.40			Brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine of mudstone.
				1.50			End of Trial Pit at 1.50m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS

Trial Pit Log

No.
TP17/26
Sheet 1 of 1

PROJECT NO:	C6284	**CO-ORDS:**	385725E, 394054N
PROJECT NAME:	OAK HOUSE, FALLOWFIELD	**LEVEL:**	
CLIENT:	GRAHAM CONSTRUCTION LTD	**DATES:**	28/05/26

Hole Type	Scale	Logged	Checked
TP	1:25	MB	NS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-1.50	ES					MADE GROUND: Brown slightly clayey gravelly SAND with low cobble content. Sand is fine to coarse. Gravel is sub-angular to sub-rounded fine to coarse of brick and concrete. Cobbles are sub-angular of brick up to 200mm in diameter.
				1.50			End of Trial Pit at 1.50m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Service clearance undertaken using CAT and Genny by a qualified BSL Engineer.
2. Trial pit sides stable.
3. No groundwater encountered.
4. Trial pit backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Summary Assessment Sheet - Human Health

Human Health Assessment Summary - Soils Test Data														
					Stratum:									
					Location:	TP04/1B/01	TP04/1B/02	TP04/1B/03	TP04/1B/04	TP04/1B/05	TP03/1B/N	TP03/1B/E	TP03/1B/S	TP03/1B/W
					Depth:	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
					Date:	46176	46176	46176	46176	46176	46176	46176	46176	46176
Contaminant	**GAC (mg/kg)**	**No. Samples**	**Min. Value**	**Max. Value**	**No. Samples ≥GAC**									
Moisture Content	-	9	7.80	18.10	-	12	18	8	10	16	18	14	15	15
Soil Organic Matter	-	9	1.67	18.20	-	2	5.4	1.9	2.0	2.4	14.8	5.4	8.1	18.2
pH	-	0	0.00	<LOD	-									
Water Soluble Sulphate (2:1 Leachate Equivalent) (mg/l)	Note mg/l	0	0.00	<LOD	-									
Arsenic	40	0	0.00	<LOD	0									
Cadmium	85	0	0.00	<LOD	0									
Chromium (III)	910	0	0.00	<LOD	0									
Hexavalent Chromium (VI)	6	0	0.00	<LOD	0									
Copper	7100	0	0.00	<LOD	0									
Lead	310	0	0.00	<LOD	0									
Mercury	1.2	9	< LOD	0.90	0	1	< 0.6	0.7	0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Nickel	180	0	0.00	<LOD	0									
Selenium	430	0	0.00	<LOD	0									
Zinc	40000	0	0.00	<LOD	0									
Naphthalene	2.3	9	0.04	4.00	1	0.0360	0.16	0.09	0.05	0.06	0.11	0.08	4.00	0.16
Acenaphthylene	2900	9	< LOD	0.16	0	< 0.015	0.15	0.06	0.06	0.03	0.05	< 0.015	< 0.015	0.16
Acenaphthene	3000	9	0.03	5.62	0	0.0330	0.32	0.03	0.07	0.22	0.25	0.09	5.62	1.81
Fluorene	2800	9	0.03	4.32	0	0.0310	0.39	0.03	0.09	0.19	0.19	0.05	4.32	1.36
Phenanthrene	1300	9	0.29	39.60	0	0.2860	2.82	0.55	0.96	2.27	2.11	1.03	39.60	24.10
Anthracene	31000	9	0.07	11.60	0	0.0740	0.71	0.13	0.21	0.44	0.53	0.26	11.60	6.11
Fluoranthene	1500	9	0.48	55.10	0	0.4760	3.38	1.01	1.33	3.09	3.19	1.92	35.60	55.10
Pyrene	3700	9	0.47	46.20	0	0.4740	3.28	0.92	1.25	2.96	3.18	1.84	35.20	46.20
Benzo(a)anthracene	11	9	0.23	19.60	2	0.2320	1.55	0.50	0.57	1.23	1.54	1.05	15.80	19.60
Chrysene	30	9	0.22	15.90	0	0.2220	1.41	0.45	0.57	1.21	1.46	0.94	14.90	15.90
Benzo(b)fluoranthene	3.9	9	0.25	19.00	2	0.2480	1.49	0.62	0.66	1.28	1.80	1.25	14.60	19.00
Benzo(k)fluoranthene	110	9	0.10	8.20	0	0.1020	0.62	0.25	0.26	0.52	0.67	0.45	5.54	8.20
Benzo(a)pyrene	3.2	9	0.23	19.20	2	0.2340	1.44	0.50	0.59	1.23	1.73	1.25	14.30	19.20
Indeno(1,2,3-cd)pyrene	45	9	0.20	14.80	0	0.2000	1.11	0.54	0.52	0.90	1.41	1.03	10.60	14.80
Dibenz(a,h)anthracene	0.31	9	0.04	2.75	2	0.0380	0.22	0.09	0.11	0.16	0.25	0.19	1.87	2.75
Benzo(ghi)perylene	360	9	0.15	10.20	0	0.1530	0.85	0.39	0.39	0.69	1.10	0.78	7.82	10.20
Asbestos Detected (Detected or Not-Detected)	Y	0	0.00	<LOD	0									
Petroleum Hydrocarbons Aliphatic >EC5-EC6	42	9	< LOD	<LOD	0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Petroleum Hydrocarbons Aliphatic >EC6-EC8	100	9	< LOD	<LOD	0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Petroleum Hydrocarbons Aliphatic >EC8-EC10	27	9	< LOD	0.19	0	0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Petroleum Hydrocarbons Aliphatic >EC10-EC12	130	9	< LOD	2.60	0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	2.6	< 2.5	< 2.5	< 2.5
Petroleum Hydrocarbons Aliphatic >EC12-EC16	1100	9	< LOD	6.80	0	< 4.3	< 4.3	< 4.3	< 4.3	< 4.3	6.8	5.0	< 4.3	5.5
Petroleum Hydrocarbons Aliphatic >EC16-EC35	65000	9	7.70	10.30	0	8	7.7	10.3	7.7	7.7	8.3	7.7	7.7	10.3
Petroleum Hydrocarbons Aliphatic >EC35-EC40	65000	9	< LOD	3.00	0	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	3.0
Petroleum Hydrocarbons Aromatic >EC5-EC7	370	9	< LOD	<LOD	0	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Petroleum Hydrocarbons Aromatic >EC7-EC8	860	9	< LOD	<LOD	0	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Petroleum Hydrocarbons Aromatic >EC8-EC10	47	9	< LOD	<LOD	0	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Petroleum Hydrocarbons Aromatic >EC10-EC12	250	9	< LOD	<LOD	0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Petroleum Hydrocarbons Aromatic >EC12-EC16	1800	9	< LOD	15.90	0	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5	15.9
Petroleum Hydrocarbons Aromatic >EC16-EC21	1900	9	< LOD	161.00	0	< 4.5	15.7	6.3	4.9	7.6	21.9	4.7	28.5	161.0
Petroleum Hydrocarbons Aromatic >EC21-EC35	1900	9	17.90	388.00	0	25	69.6	35.4	28.6	29.4	62.0	17.9	90.2	388.0
Petroleum Hydrocarbons Aromatic >EC35-EC40	1900	9	< LOD	56.20	0	< 5.2	19.8	6.8	9.5	8.5	14.9	8.3	21.4	56.2
Benzene	0.38	9	< LOD	<LOD	0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	880	9	< LOD	<LOD	0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethyl benzene	83	9	< LOD	<LOD	0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	88	9	< LOD	<LOD	0	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
m- & p-Xylene	161	9	< LOD	<LOD	0	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
MTBE	49	9	< LOD	<LOD	0	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Mean Average SOM	**6.7**													
Mean Average pH														

Assessment Scenario Selected: **Residential without Homegrown Produce 1% SOM**
Job Number: **C6284**
Client: **Graham Construction**
Site: **Oak House, Fallowfield**
Stratum: **Made Ground**

Values in RED are > the relevant screening levels and further assessment is required. Exceedance of the screening levels alone may not mean a risk is posed.

BROWNFIELD SOLUTIONS LTD

Summary Assessment Sheet - Human Health

Human Health Assessment Summary - Soils Test Data																
					Stratum:											
					Location:	TP03/26	TP08/26	TP13/26	TRAC TP09/01	TRAC TP09/01	TRAC TP09/02	TRAC TP09/03	TRAC TP09/04	TRAC TP09/04	TP01/1B/05	TP01/1B/06
					Depth:	0.0 - 0.3	0.0 - 0.8	0.0 - 1.5	0.0 - 0.5	0.5 - 1.0	0.0 - 0.3	0.0 - 0.5	0.0 - 0.5	0.5 - 1.0	0.4 - 0.5	0.4 - 0.5
					Date:	12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026	12/05/2026
Contaminant	GAC (mg/kg)	No. Samples	Min. Value	Max. Value	No. Samples ≥GAC											
Moisture Content	-	5	3.90	16.10	-	9	9	16							14	4
Soil Organic Matter	-	5	0.62	2.33	-	1	2.3	0.6							0.7	1.0
pH	-	3	7.70	9.30	-	9	8.7	7.7								
Water Soluble Sulphate (2:1 Leachate Equivalent) (mg/l)	Note mg/l	3	115.00	1350.00	-	505	1350.0	115.0								
Arsenic	37	3	3.80	6.00	0	4	6.0	3.8								
Cadmium	11	3	< LOD	<LOD	0	< 1.1	< 1.1	< 1.1								
Chromium (III)	910	3	13.50	23.80	0	15	13.5	23.8								
Hexavalent Chromium (VI)	6	3	< LOD	0.24	0	0	0.2	< 0.040								
Copper	2400	3	14.60	96.10	0	96	48.3	14.6								
Lead	200	3	8.90	43.90	0	28	43.9	8.9								
Mercury	1.2	3	< LOD	<LOD	0	< 0.6	< 0.6	< 0.6								
Nickel	130	3	11.90	14.60	0	13	11.9	14.6								
Selenium	250	3	< LOD	<LOD	0	< 3.0	< 3.0	< 3.0								
Zinc	3700	3	24.10	36.00	0	31	36.0	24.1								
Cyanide (free)	34	0	0.00	<LOD	0											
Phenol (total)	120	3	< LOD	<LOD	0	< 0.50	< 0.50	< 0.50								
Naphthalene	2.3	5	< LOD	0.07	0	0.0200	0.07	< 0.016							< 0.016	< 0.016
Acenaphthylene	170	5	< LOD	<LOD	0	< 0.015	< 0.015	< 0.015							< 0.015	< 0.015
Acenaphthene	210	5	< LOD	<LOD	0	< 0.013	< 0.013	< 0.013							< 0.013	< 0.013
Fluorene	170	5	< LOD	<LOD	0	< 0.013	< 0.013	< 0.013							< 0.013	< 0.013
Phenanthrene	95	5	< LOD	0.16	0	0.0560	0.16	< 0.014							< 0.014	< 0.014
Anthracene	2400	5	< LOD	0.02	0	< 0.017	0.02	< 0.017							< 0.017	< 0.017
Fluoranthene	280	5	< LOD	0.20	0	0.0970	0.20	< 0.017							< 0.017	< 0.017
Pyrene	620	5	< LOD	0.19	0	0.0960	0.19	< 0.016							< 0.016	< 0.016
Benzo(a)anthracene	7	5	< LOD	0.09	0	0.0390	0.09	< 0.012							< 0.012	< 0.012
Chrysene	15	5	< LOD	0.09	0	0.0430	0.09	< 0.028							< 0.028	< 0.028
Benzo(b)fluoranthene	2.6	5	< LOD	0.12	0	0.0510	0.12	< 0.020							< 0.020	< 0.020
Benzo(k)fluoranthene	77	5	< LOD	0.05	0	< 0.025	0.05	< 0.025							< 0.025	< 0.025
Benzo(a)pyrene	2.2	5	< LOD	0.09	0	0.0400	0.09	< 0.019							< 0.019	< 0.019
Indeno(1,2,3-cd)pyrene	27	5	< LOD	0.08	0	0.0360	0.08	< 0.019							< 0.019	< 0.019
Dibenz(a,h)anthracene	0.24	5	< LOD	<LOD	0	< 0.017	< 0.017	< 0.017							< 0.017	< 0.017
Benzo(ghi)perylene	320	5	< LOD	0.07	0	0.0310	0.07	< 0.019							< 0.019	< 0.019
Asbestos Detected (Detected or Not-Detected)	Y	9	0.00	0.00	0	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD		
Asbestos Quantification (% w/w)	0.001	9	0.00	<LOD	0	-	-	-	-	-	-	-	-	-		
Petroleum Hydrocarbons Aliphatic >EC5-EC6	42	3	< LOD	<LOD	0	< 0.10	< 0.10	< 0.10								
Petroleum Hydrocarbons Aliphatic >EC6-EC8	100	3	< LOD	<LOD	0	< 0.10	< 0.10	< 0.10								
Petroleum Hydrocarbons Aliphatic >EC8-EC10	27	3	< LOD	<LOD	0	< 0.10	< 0.10	< 0.10								
Petroleum Hydrocarbons Aliphatic >EC10-EC12	130	3	< LOD	<LOD	0	< 1.0	< 1.0	< 1.0								
Petroleum Hydrocarbons Aliphatic >EC12-EC16	1100	3	< LOD	<LOD	0	< 0.5	< 0.5	< 0.5								
Petroleum Hydrocarbons Aliphatic >EC16-EC35	65000	3	4.70	16.50	0	5	16.5	4.7								
Petroleum Hydrocarbons Aliphatic >EC35-EC40	65000	3	< LOD	1.60	0	< 0.5	1.6	< 0.5								
Petroleum Hydrocarbons Aromatic >EC5-EC7	70	3	< LOD	<LOD	0	< 0.010	< 0.010	< 0.010								
Petroleum Hydrocarbons Aromatic >EC7-EC8	130	3	< LOD	<LOD	0	< 0.010	< 0.010	< 0.010								
Petroleum Hydrocarbons Aromatic >EC8-EC10	34	3	< LOD	<LOD	0	< 0.010	< 0.010	< 0.010								
Petroleum Hydrocarbons Aromatic >EC10-EC12	74	3	< LOD	<LOD	0	< 0.6	< 0.6	< 0.6								
Petroleum Hydrocarbons Aromatic >EC12-EC16	140	3	< LOD	1.00	0	< 1.0	1.0	< 1.0								
Petroleum Hydrocarbons Aromatic >EC16-EC21	260	3	< LOD	<LOD	0	< 2.0	< 2.0	< 2.0								
Petroleum Hydrocarbons Aromatic >EC21-EC35	1100	3	< LOD	7.60	0	< 4.5	7.6	< 4.5								
Petroleum Hydrocarbons Aromatic >EC35-EC40	1100	3	< LOD	<LOD	0	< 2.0	< 2.0	< 2.0								
Benzene	0.09	3	< LOD	<LOD	0	< 0.001	< 0.001	< 0.001								
Toluene	130	3	< LOD	<LOD	0	< 0.001	< 0.001	< 0.001								
Ethyl benzene	47	3	< LOD	<LOD	0	< 0.001	< 0.001	< 0.001								
o-Xylene	60	3	< LOD	<LOD	0	< 0.002	< 0.002	< 0.002								
m- & p-Xylene	115	3	< LOD	<LOD	0	< 0.002	< 0.002	< 0.002								
MTBE	49	3	< LOD	<LOD	0	< 0.002	< 0.002	< 0.002								
Chloroethene (Vinyl Chloride)	0.00064	0	0.00	<LOD	0											
1,2-Dichloroethane (1,2-DCA)	0.007	0	0.00	<LOD	0											
1,1,1-Trichloroethane	8.8	0	0.00	<LOD	0											
1,1,2,2-Tetrachloroethane	1.6	0	0.00	<LOD	0											
1,1,1,2-Tetrachloroethane	1.2	0	0.00	<LOD	0											
Tetrachloroethene (PCE)	0.18	0	0.00	<LOD	0											
Tetrachloromethane (carbon tetrachloride)	0.026	0	0.00	<LOD	0											
Trichloroethene (TCE)	0.016	0	0.00	<LOD	0											
Trichloromethane (chloroform)	0.91	0	0.00	<LOD	0											
Chlorobenzene	0.45	0	0.00	<LOD	0											
1, 2 Dichlorobenzene	23	0	0.00	<LOD	0											
1, 3 Dichlorobenzene	0.40	0	0.00	<LOD	0											
1, 4 Dichlorobenzene	61	0	0.00	<LOD	0											
1, 2, 3 Trichlorobenzene	1.50	0	0.00	<LOD	0											
1, 2, 4 Trichlorobenzene	2.60	0	0.00	<LOD	0											
1, 3, 5 Trichlorobenzene	0.33	0	0.00	<LOD	0											
1, 2, 3, 4 Tetrachlorobenzene	15	0	0.00	<LOD	0											
1, 2, 3, 5 Tetrachlorobenzene	0.66	0	0.00	<LOD	0											
1, 2, 4, 5 Tetrachlorobenzene	0.33	0	0.00	<LOD	0											
Pentachlorobenzene	5.8	0	0.00	<LOD	0											
Hexachlorobenzene	1.8	0	0.00	<LOD	0											
Hexachlorobutadiene	0.29	0	0.00	<LOD	0											
Mean Average SOM	**1.1**															
Mean Average pH	**8.6**															
Assessment Scenario Selected:	**Residential with Homegrown Produce 1% SOM**					**Values in RED are > the relevant screening levels and further assessment is required. Exceedance of the screening levels alone may not mean a risk is posed.**										
Job Number:	**C6284**															
Client:	**Graham Construction**															
Site:	**Oak House, Fallowfield**															
Stratum:	**Combined**															

BROWNFIELD SOLUTIONS LTD

Summary Assessment Sheet - Human Health

Human Health Assessment Summary - Soils Test Data						Stratum:				
						Location:	TP17/26	TP14/26	TP04/26	TP09/26
						Depth:	0.00 - 1.50	0.15 - 1.40	0.00 - 0.90	0.00 - 1.20
						Date:	28/05/2026	28/05/2026	28/05/2026	28/05/2026
Contaminant	**GAC (mg/kg)**	**No. Samples**	**Min. Value**	**Max. Value**	**No. Samples ≥GAC**					
Moisture Content	-	4	10.40	12.50	-		10	12	13	11
Soil Organic Matter	-	4	0.67	1.86	-		2	1.9	0.7	0.7
pH	-	4	7.80	8.30	-		8	7.8	8.1	8.3
Water Soluble Sulphate (2:1 Leachate Equivalent) (mg/l)	Note mg/l	4	12.60	20.50	-		13	15.1	13.9	20.5
Arsenic	40	4	4.70	6.10	0		6	5.6	6.1	4.7
Cadmium	85	4	< LOD	<LOD	0		< 1.1	< 1.1	< 1.1	< 1.1
Chromium (III)	910	4	12.00	26.20	0		12	12.5	26.2	16.0
Hexavalent Chromium (VI)	6	4	< LOD	0.07	0		0	< 0.040	< 0.040	< 0.040
Copper	7100	4	18.50	25.70	0		23	21.0	25.7	18.5
Lead	310	4	7.00	111.00	0		50	111.0	16.8	7.0
Mercury	1.2	4	< LOD	<LOD	0		< 0.6	< 0.6	< 0.6	< 0.6
Nickel	180	4	10.10	45.80	0		10	12.7	45.8	17.7
Selenium	430	4	< LOD	<LOD	0		< 3.0	< 3.0	< 3.0	< 3.0
Zinc	40000	4	2.80	22.50	0		18	12.9	22.5	2.8
Naphthalene	2.3	4	< LOD	0.02	0		0.0230	< 0.016	< 0.016	< 0.016
Acenaphthylene	2900	4	< LOD	<LOD	0		< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	3000	4	< LOD	0.03	0		0.0290	< 0.013	< 0.013	< 0.013
Fluorene	2800	4	< LOD	0.02	0		0.0210	< 0.013	< 0.013	< 0.013
Phenanthrene	1300	4	0.02	0.25	0		0.2510	0.06	0.02	0.03
Anthracene	31000	4	< LOD	0.05	0		0.0530	0.02	< 0.017	< 0.017
Fluoranthene	1500	4	0.04	0.47	0		0.4650	0.17	0.04	0.05
Pyrene	3700	4	0.04	0.46	0		0.4640	0.17	0.04	0.05
Benzo(a)anthracene	11	4	0.02	0.25	0		0.2530	0.11	0.02	0.03
Chrysene	30	4	< LOD	0.25	0		0.2460	0.11	< 0.028	0.03
Benzo(b)fluoranthene	3.9	4	0.02	0.30	0		0.2950	0.15	0.02	0.04
Benzo(k)fluoranthene	110	4	< LOD	0.12	0		0.1180	0.06	< 0.025	< 0.025
Benzo(a)pyrene	3.2	4	< LOD	0.26	0		0.2620	0.11	< 0.019	0.03
Indeno(1,2,3-cd)pyrene	45	4	< LOD	0.22	0		0.2200	0.11	< 0.019	0.04
Dibenz(a,h)anthracene	0.31	4	< LOD	0.04	0		0.0420	0.03	< 0.017	< 0.017
Benzo(ghi)perylene	360	4	< LOD	0.17	0		0.1740	0.09	< 0.019	0.03
Asbestos Detected (Detected or Not-Detected)	Y	4	0.00	0.00	0		NAD	NAD	NAD	NAD
Petroleum Hydrocarbons Aliphatic >EC5-EC6	42	4	< LOD	<LOD	0		< 0.10	< 0.10	< 0.10	< 0.10
Petroleum Hydrocarbons Aliphatic >EC6-EC8	100	4	< LOD	<LOD	0		< 0.10	< 0.10	< 0.10	< 0.10
Petroleum Hydrocarbons Aliphatic >EC8-EC10	27	4	< LOD	<LOD	0		< 0.10	< 0.10	< 0.10	< 0.10
Petroleum Hydrocarbons Aliphatic >EC10-EC12	130	4	< LOD	<LOD	0		< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons Aliphatic >EC12-EC16	1100	4	< LOD	0.50	0		1	< 0.5	< 0.5	< 0.5
Petroleum Hydrocarbons Aliphatic >EC16-EC35	65000	4	< LOD	8.60	0		8	< 4.0	< 4.0	8.6
Petroleum Hydrocarbons Aliphatic >EC35-EC40	65000	4	< LOD	<LOD	0		< 0.5	< 0.5	< 0.5	< 0.5
Petroleum Hydrocarbons Aromatic >EC5-EC7	370	4	< LOD	<LOD	0		< 0.010	< 0.010	< 0.010	< 0.010
Petroleum Hydrocarbons Aromatic >EC7-EC8	860	4	< LOD	<LOD	0		< 0.010	< 0.010	< 0.010	< 0.010
Petroleum Hydrocarbons Aromatic >EC8-EC10	47	4	< LOD	<LOD	0		< 0.010	< 0.010	< 0.010	< 0.010
Petroleum Hydrocarbons Aromatic >EC10-EC12	250	4	< LOD	1.30	0		1	< 0.6	< 0.6	1.2
Petroleum Hydrocarbons Aromatic >EC12-EC16	1800	4	< LOD	4.20	0		4	< 1.0	1.7	3.0
Petroleum Hydrocarbons Aromatic >EC16-EC21	1900	4	< LOD	5.60	0		6	< 2.0	< 2.0	< 2.0
Petroleum Hydrocarbons Aromatic >EC21-EC35	1900	4	< LOD	25.00	0		25	< 4.5	9.5	17.1
Petroleum Hydrocarbons Aromatic >EC35-EC40	1900	4	< LOD	4.00	0		4	< 2.0	< 2.0	2.8
Benzene	0.38	4	< LOD	<LOD	0		< 0.001	< 0.001	< 0.001	< 0.001
Toluene	880	4	< LOD	<LOD	0		< 0.001	< 0.001	< 0.001	< 0.001
Ethyl benzene	83	4	< LOD	<LOD	0		< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	88	4	< LOD	<LOD	0		< 0.002	< 0.002	< 0.002	< 0.002
m- & p-Xylene	161	4	< LOD	<LOD	0		< 0.002	< 0.002	< 0.002	< 0.002
MTBE	49	4	< LOD	<LOD	0		< 0.002	< 0.002	< 0.002	< 0.002
Mean Average SOM	**1.2**									
Mean Average pH	**8.0**									
Assessment Scenario Selected:	**Residential without Homegrown Produce 1% SOM**					**Values in RED are > the relevant screening levels and further assessment is required. Exceedance of the screening levels alone may not mean a risk is posed.**				
Job Number:	**C6284**									
Client:	**Graham Construction**									
Site:	**Oak House, Fallowfield**									
Stratum:	**Made Ground**									

envirolab
Hattersley Science & Technology Park
Stockport Road, Hattersley, SK14 3QU

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 26/03382
Issue Number: 1 **Date:** 31 March, 2026

Client:
Pearl Environmental (UK) Ltd
58 Marford Crescent
Sale
Cheshire
UK
M33 4DH

Project Manager: Keith Lewis
Project Name: Oak House, TP041B (Validation)
Project Ref: n/a
Order No: KL1903
Date Samples Received: 19/03/26
Date Instructions Received: 20/03/26
Date Analysis Completed: 31/03/26

Approved by:

[redacted]

Gemma Berrisford
Deputy Client Services Supervisor

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME
UKAS TESTING 1247

Envirolab Job Number: 26/03382

Client Project Name: Oak House, TP041B (Validation)

Client Project Ref: n/a

Lab Sample ID	26/03382/1	26/03382/2	26/03382/3	26/03382/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP041B - N	TP041B - S	TP041B - E	TP041B - W						
Depth to Top	0.30	0.30	0.30	0.30						
Depth To Bottom										
Date Sampled	19-Mar-26	19-Mar-26	19-Mar-26	19-Mar-26						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	4AB	4AB	4AE	4A						
% Stones >10mm$_A$	16.4	5.7	0.3	18.8				% w/w	0.1	A-T-044

Envirolab Job Number: 26/03382

Client Project Name: Oak House, TP041B (Validation)

Client Project Ref: n/a

Lab Sample ID	26/03382/1	26/03382/2	26/03382/3	26/03382/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP041B - N	TP041B - S	TP041B - E	TP041B - W						
Depth to Top	0.30	0.30	0.30	0.30						
Depth To Bottom										
Date Sampled	19-Mar-26	19-Mar-26	19-Mar-26	19-Mar-26						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	4AB	4AB	4AE	4A						
PAH-16MS										
Acenaphthene$_A^{M\#}$	0.02	0.07	0.13	<0.01				mg/kg	0.01	A-T-019s
Acenaphthylene$_A^{M\#}$	<0.01	0.02	0.04	<0.01				mg/kg	0.01	A-T-019s
Anthracene$_A^{M\#}$	0.03	0.16	0.41	<0.02				mg/kg	0.02	A-T-019s
Benzo(a)anthracene$_A^{M\#}$	0.12	0.47	0.99	0.17				mg/kg	0.04	A-T-019s
Benzo(a)pyrene$_A^{M\#}$	0.13	0.45	1.00	0.22				mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene$_A^{M\#}$	0.14	0.52	1.12	0.23				mg/kg	0.05	A-T-019s
Benzo(ghi)perylene$_A^{M\#}$	0.08	0.31	0.66	0.15				mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene$_A^{M\#}$	<0.07	0.19	0.43	0.09				mg/kg	0.07	A-T-019s
Chrysene$_A^{M\#}$	0.15	0.57	1.08	0.19				mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene$_A^{M\#}$	<0.04	0.08	0.15	<0.04				mg/kg	0.04	A-T-019s
Fluoranthene$_A^{M\#}$	0.28	1.09	2.40	0.28				mg/kg	0.08	A-T-019s
Fluorene$_A^{M\#}$	0.01	0.06	0.11	<0.01				mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene$_A^{M\#}$	0.08	0.32	0.71	0.17				mg/kg	0.03	A-T-019s
Naphthalene $_A^{M\#}$	<0.03	<0.03	0.06	<0.03				mg/kg	0.03	A-T-019s
Phenanthrene$_A^{M\#}$	0.16	0.71	1.38	0.06				mg/kg	0.03	A-T-019s
Pyrene$_A^{M\#}$	0.28	1.07	2.26	0.28				mg/kg	0.07	A-T-019s
Total PAH-16MS$_A^{M\#}$	1.48	6.09	12.9	1.84				mg/kg	0.01	A-T-019s

Report Notes

General

•This report shall not be reproduced, except in full, without written approval from Envirolab.
•The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
•The results reported herein relate only to the material supplied to the laboratory.
•The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
•Analytical results reflect the quality of the sample at the time of analysis only.
•Opinions and Interpretations expressed are outside our scope of accreditation.
•A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
•If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
•Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript "#"	Accredited to ISO 17025
Superscript "M"	Accredited to MCertS
Superscript "U"	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript "A"	Analysis performed on as-received Sample
Subscript "D"	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript "D" on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript "^"	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.
Stones etc. are not removed from the sample prior to analysis
"Trace Asbestos Identified" will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs
Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.					

Soil Chemical Analysis:
All results are reported as dry weight (<40°C).
For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.
For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any "A" subscripts
All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any "D" subscripts.

TPH by method A-T-007:
For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.
Results "with Clean up" indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:
EPH CWG results have humics mathematically subtracted through instrument calculation.
Where these humic substances have been identified in any IDs from "TPH CWG with clean up" please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:
Results greater than 12900µS/cm @ 25^0C / 11550µS/cm @ 20^0C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: Pearl Environmental (UK) Ltd, 58 Marford Crescent , Sale, Cheshire, UK, M33 4DH

Project: Oak House, TP041B (Validation)

Clients Project No: n/a

Project No: 26/03382

Date Received: 20/03/2026 (am)

Cool Box Temperatures (°C): 10.9

NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	26/03382/1	26/03382/2	26/03382/3	26/03382/4
Client Sample No				
Client Sample ID/Depth	TP041B - N 0.30m	TP041B - S 0.30m	TP041B - E 0.30m	TP041B - W 0.30m
Date Sampled	19/03/26	19/03/26	19/03/26	19/03/26
A-T-019s	31/03/2026	31/03/2026	31/03/2026	31/03/2026
A-T-044	31/03/2026	31/03/2026	31/03/2026	31/03/2026

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

Appendix C – Hazardous Waste Transfer Notes

TRAC TP09 231481

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT087

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road
Fallowfield, M14 6HD
[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00 41201

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consingment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport, if not road):

Signature

Date 12/05/2026 Time

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1. Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

[redacted]

JOHN GRAHAM CONSTRUCTION

Signature

Date 12/05/2026 Time 11:53

PART E

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	17540	✓	R5

1 I received this waste at the address given in A3 on: Date 12/05/2026 Time 13:44

2 Vehi[redacted] not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Dunton
Restoring Our Environment

DUNTON TECHNOLOGIES
NORTH ROAD, ELLESMERE PORT,
CHESHIRE, CH65 1BA
PERMIT, EPR/HP3403BL

Signature

Date 12/05/2026 Time 13:44

HWCN01v112

TRAC TP09 234062

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT085

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road
Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00 41201

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. [2])

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption: CBDU124469

3 Ve[redacted]

Sig[redacted]

Date 12052026 Time 1145

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1. Consignor name: [redacted]

On behalf of (name, address, postcode, telephone, e-mail, facsimile): JOHN GRAHAM CONSTRUCTION.

Signature

Date 12052026 Time 1130

PA

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	14900	ACC	R5

1 I received this waste at the address given in A3 on: Date 12052026 Time 1236

2 Vehicle registration no. (or mode of transport if not road): [redacted]

Name: Tanaka

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number: EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signat[redacted]

Date 12052026 Time 1236

TRAC TP09 234063

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: J O G A R A \ D T 0 8 9

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: **Excavation**

2 SIC (2007) for the process giving rise to the waste: 3 9 . 0 0 41201

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	1 7 0 5 0 3*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
1 7 0 5 0 3*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: **Frank O'Gara & Sons**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport, if not road):

[redacted]

Signature [redacted]

Date 12/05/2026 Time 1420

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1 Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

JMC TRANSPORT

GRAHAM CONSTRUCTION

Signature [redacted]

Date 12/05/2026 Time 1420

PART

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	13700	ACC	R5

1 I received this waste at the address given in A3 on: Date 12/05/2026 Time 1518

2 Vehicle registration no. (or mode of transport if not road): [redacted]

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Dunton Restoring Our Environment

DUNTON TECHNOLOGIES NORTH ROAD, ELLESMERE PORT, CHESHIRE, CH65 1BA PERMIT: EPR/HP3403BL

Signature

Date 12/05/2026 Time 1518

TMAC TF09 234062

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT086

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: **Excavation**

2 SIC (2007) for the process giving rise to the waste: 39.00 41201

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: **Frank O'Gara & Sons**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport, if not road):

[redacted]

Signature [redacted]

Date 12/05/2026 Time 11:50

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

[redacted]

facsimile):

JOHN GRAHAM CONSTRUCTION.

Signature

Date Time

PA

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	15280	ACC	R5

1 I received this waste at the address given in A3 on: Date 12/05/2026 Time 13:25

2 Vehicle registration no. (or mode of transport if not road): [redacted]

3 Where waste is rejected please provide details:

Name: [redacted]

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Dunton
Restoring Our Environment

DUNTON TECHNOLOGIES
NORTH ROAD, ELLESMERE PORT,
CHESHIRE. CH65 1BA
PERMIT: EPR/HP3403BL

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature [redacted]

Date 12/05/2026 Time 13:25

TRAC TP09 228489

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT088

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: **Excavation**

2 SIC (2007) for the process giving rise to the waste: **39.00** 4120

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consingment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: **Frank O'Gara & Sons**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption: **CBDU124469**

3 Vehicle registration no. (or mode of transport, if not road): [redacted]

Sig[redacted]

Date 12/05/2026 Time 12:10

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1 Consignor name: [redacted]

facsimile):

JOHN GRAHAM CONSTRUCTION

Signature

Date 12/05/2026 Time 12:08

PART E

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	12100	ACC	R5

1 I received this waste at the address given in A3 on: Date 12/05/2026 Time 13:35 Tanaka

2 Vehicle registration no. (or mode of transport if not road): [redacted]

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Dunton

Restoring Our Environment

DUNTON TECHNOLOGIES
NORTH ROAD ELLESMERE PORT,
CHESHIRE. CH65 1BA
PERMIT: EPR/HP3403BL

Signature

Date 12/05/2026 Time 13:35

TP04 / 1B

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT001

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road
Fallowfield, M14 6HD
[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consingment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport, if not road): [redacted]

Signature [redacted]

Date 19/03/2026 Time 09:10

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1. Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Jamie Tweedy
(Dunton)

Signature [redacted]

Date 19/03/2026 Time 09:10

PART E

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	13560	ACC	D9

1 I received this waste at the address given in A3 on: Date 19032026 Time 1019

2 Vel[redacted]pt road):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Dunton
Restoring Our Environment

DUNTON TECHNOLOGIES
NORTH ROAD ELLESMERE PORT,
CHESHIRE, CH65 1BA
PERMIT EPR/HP3403BL

Signature

Date 19032026 Time 1019

HWCN01v112

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

219409

Demolition **Excavation** **Civils** **Remediation** **Tippers** **Recycling**

Date	Vehicle Registration	[redacted]
19.3.26.	Driver Name	ALEX.

Customer: GRAHAM CONSTRUCTION.

Site Address: OWENS PARK, WILMSLOW RD, FALLOWFIELD, M14 6LE.

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
PAH SOILS INCLUDING VISIBLE ACM'S TP04 1B. No. of Loads 1.	No. of Loads

4w Load ☐ 8w Load ☑ Skip ☐ State Skip Size .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours
08.26.	44 MINS.	09.10.	

Additional Information:

Site Print Name: JAMIE TAGGART [redacted]

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

SF155 Rev.2 11-10-17

TP04/18

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT004

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road
Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport, if not road):

Signature [redacted]

Date Time

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1. Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Signature [redacted]

Date Time

PART E

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
	10120		

1 I received this waste at the address given in A3 on: Date 3 Time

2 Vehicle registration no. (or mode of transport if not road):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Dunton
Restoring Our Environment

Signature DUNTON TECHNOLOGIES NORTH ROAD, ELLESMERE PORT, CHESHIRE. CH65 1BA PERMIT: EPR/HP3403BL

Date Time

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

234726

Demolition Excavation Civils Remediation Tippers Recycling

Date	Vehicle Registration	[redacted]
18/3/26	Driver Name	Miro

Customer: Graham Construction

Site Address: Owens Park, Wilmslow Rd
Fallowfield

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
PAH'S SOILS, INCLUDING VISABLE ACM'S TP04/1B	
No. of Loads: V	No. of Loads:

4w Load: ☐ 8w Load: V Skip: ☐ State Skip Size: .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours

Additional Information

Site Print Name: JAMIE PEGART [redacted]

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

SF155 Rev.2 11-10-17

TP04 / 1B

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT005

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road
Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport, if not road): [redacted]

Signatur[redacted] John Quinn

Date 19/03/2026 Time 0715

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1. Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Jamie Tyrrell

[redacted]

Signature

Date 19/03/2026 Time 1040

PA

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	14220	ACC	D9

1 I received this waste at the address given in A3 on: Date 19/03/2026 Time 1020

2 Veh[redacted]road):

3 Where waste is rejected please provide details:

Name: Shaun Hill

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

DUNTON TECHNOLOGIES
NORTH ROAD, ELLESMERE PORT,
CHESHIRE, CH65 1BA
PERMIT: EPR/HP3403BL

Date 19/03/2026 Time 1020

HWCN01v112

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

235794

Demolition **Excavation** **Civils** **Remediation** **Tippers** **Recycling**

Date	Vehicle Registration	[redacted]
19/3/26	Driver Name	JAY Q

Customer Graham's cont

Owens Park

Site Address Wilmslow RD

Fallowfield

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
PAH Soils inc visible ~~Tars~~ TP04/13	
No. of Loads 1	No. of Loads

4w Load ☐ 8w Load ☐ Skip ☐ State Skip Size .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours
8.40		9.15	

Additional Information

Site Print Name JAMIE TAYLOR [redacted]

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

SF155 Rev.2 11-10-17

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: JOGARA\DT002

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road
Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consingment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport if not road):

[redacted]

Signature [redacted]

Date 19/03/2026 Time 0700

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1. Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sign: [redacted]

Date Time

PART E

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
	11600		

1 I received this waste at the address given in A3 on: Date Time

2 Vehicle registration no. (or mode of transport if not road):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Dunton
Restoring Our Environment

DUNTON TECHNOLOGIES
NORTH ROAD, ELLESMERE PORT,
SHIRE, CH65 1BA
PERMIT: EPR/HP3403BL

Signature:

Date Time

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

235453

Demolition **Excavation** **Civils** **Remediation** **Tippers** **Recycling**

Date	Vehicle Registration	[redacted]
19/3/26	Driver Name	Mike

Customer: Graham Construction

Site Address: Owens Park
Wilmslow RD
Fallowfield

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
PaW Soils inc visible ACMs ~~Topsoil~~ Tarmac/18	
No. of Loads: 1	No. of Loads:

4w Load ☐ 8w Load 1 Skip ☐ State Skip Size .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours
0800		0900	

Additional Information

Site Print Name	[redacted]
JAMIE TARRANT	

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

TP04 / 1B

Form HWCN01v112

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: J O G A R A \ D T 0 0 3

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Manchester University Fallowfield Campus, Wilmslow Road
Fallowfield, M14 6HD

[redacted]

3 The waste will be taken to (name, address and postcode):

Dunton Technologies Ltd, Ellesemere Port, North Road CH65 1BL

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

if continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00

3 WASTE DETAILS (where more than one waaste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
ACM Impacted Soils	170503*	20,000	ACM/TPH	>0.001%	Solid	HP5 HP7 HP11	8 Wheel Tipper

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503*	N/A	N/A	N/A	N/A	N/A

PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Northbank Industrial Park, Irlam, Manchester, M44 5BA

0161 775 4587

2 Carrier registration no./reason for exemption:

CBDU124469

3 Vehicle registration no. (or mode of transport, if not road) [redacted]

Signature [redacted]

Date 19/03/2026 Time 1120

PART D Consignor's Certificate

I certify that the information in A,B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and wales)Regulations 2011

1. Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Signature [redacted]

Date [illegible] Time [illegible]

PA

Individual EWC code(s) received	Quantity of each EWC received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	12640	ACC	D9

1 I received this waste at the address given in A3 on: Date 19/03/2026 Time 1234

2 Vehicle registration no. (or mode of transport if not road) [redacted]

3 Where waste is rejected please provide details:

Name:
On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Dunton
Restoring Our Environment

I certify that waste permit/exempt waste operation number:

EPR/HP3403BL

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

[redacted] GIES MERE PORT, BL

Signature [redacted]

Date 19/03/2026 Time 1234

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

235454

Demolition **Excavation** **Civils** **Remediation** **Tippers** **Recycling**

Date	Vehicle Registration	[redacted]
19/3/26	Driver Name	Mike

Customer: Graham Construction

Site Address: Owens Park Gate 2
Winlow RD
Fallowfield

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
PAH Soils inc visibl Acms TP04/18	
No. of Loads: 1	No. of Loads:

4w Load ☐ 8w Load 1 Skip ☐ State Skip Size .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours

Additional Information

Site Print Name: JAMES TREDDET [redacted]

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

SF155 Rev.2 11-10-17

ACM + PAH TP04 | 1B 237295

Form HWCN01v111

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: FRANKO/FOG02

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

O'Gara C/O Graham Constructions Owens Park Wilmslow Road Fallofields M14 6HD

3 Premises code (where applicable):

4 The waste will be taken to (name, address and postcode):

Provectus at CreweMaw Green Soil Treatment Facility, Maw Green Road, Crewe, CW1 5NG
Ref: DW 2253338

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

If continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: Earthwork

2 SIC for the process giving rise to the waste: .00/0

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Soil Containing ACM's and PAH's	170605	20,000			Solid	HP5 HP7	8 Wheeler

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170605	N/A	Soil	N/A	N/A	

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

/

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Irlam, Northbank Industrial Estate, Manchester, M44 5BA

2 Carrier registration no./reason for exemption: CBDU124469

3 Vehicle registration no. (or mode of transport, if not road): [redacted]

Signature [redacted]

Date 10/07/2026 Time 0800

PART D Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

H. Rogers
GRAHAM

Signature

Date 10/07/2026 Time 0820

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170605		ACC	R05

1 I received this waste at the address given in A4 on: Date 10/07/2026 Time 1015

2 Vehicle registration no. (or mode of transport if not road) [redacted]

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number: BS7722ID

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name: A. STOCKTON

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Provectus Soils Management
Maw Green Soil Treatment Centre
Maw Green Road
[redacted]W1 5NG

Signature [redacted]

Date 10/07/2026 Time 1015

237295

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

Demolition **Excavation** **Civils** **Remediation** **Tippers** **Recycling**

Date	Vehicle Registration [redacted]
10/7/26	Driver Name MIKE

Customer: GRAHAMS CONSTRUCTION

Site Address: UNION PARK, WILMSLOW RD, FALLOW FIELD

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
SOILS CONTAINING ACM'S + PAH'S TP04 / 1B No. of Loads ☐	No. of Loads ☐

4w Load ☐ 8w Load ☐ Skip ☐ State Skip Size .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours

Additional Information: Black pipe + Hotspot

Site Print Name: H. Rogers

Site [redacted]

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

SF155 Rev.2 11-10-17

ACM + PAH TP04/1B 237585

Form HWCN01v111

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: F R A N K O / F O G 0 1

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

O'Gara C/O Graham Constructions Owens Park Wilmslow Road Fallofields M14 6HD

3 Premises code (where applicable):

4 The waste will be taken to (name, address and postcode):

Provectus at CreweMaw Green Soil Treatment Facility, Maw Green Road, Crewe, CW1 5NG
Ref: DW 2253338

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

If continuation sheet used, tick here

1 The process giving rise to the waste(s) was: Earthwork

2 SIC for the process giving rise to the waste: . 0 0 / 0

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
Soil Containing ACM's and PAH's	1 7 0 6 0 5	20,000			Solid	HP5 HP7	8 Wheeler

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
1 7 0 6 0 5	N/A	Soil	N/A	N/A	

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here.)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Irlam, Northbank Industrial Estate, Manchester, M44 5BA

2 Carrier registration no./reason for exemption: CBDU124469

3 Vehicle registration no. (or mode of transport, if not road) [redacted]

Signature [redacted]

Date 10 07 2026 Time

PART D Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

N. Rogers
GRAHAM

Signature

Date 10 07 2026 Time 08 30

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170605		ACC	R05

1 I received this waste at the address given in A4 on: Date 10 07 2026 Time 10 12

2 Vehicle registration no. (or mode of transport if not road): [redacted]

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number DOWNCID authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Name: A. STOCKTON
Position in organisation: Weighbridge Supervisor

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Maw Green Soil Treatment Centre
Maw Green Road
Crewe CW1 5NG

Signature [redacted]

Date 10 07 2026 Time 10 12

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

237585

Demolition Excavation Civils Remediation Tippers Recycling

Date	Vehicle Registration	[redacted]
10/7/26	Driver Name	Miro

Customer: Grehem Constr.

Site Address: Owens Park, Wilmslow Rd Fallowfield.

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
SOILS CONTAINING ACM's & PAH's TP04/1B. No. of Loads ☑	No. of Loads ☐

4w Load ☐ 8w Load ☑ Skip ☐ State Skip Size .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours

Additional Information: Black pipe + Hotspot.

Site Print Name	Site Signa [redacted]
H. Rogers	

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

SF155 Rev.2 11-10-17

ACM + PAH TP04/1B 237363

Form HWCN01v111

The Hazardous Waste Regulations 2005: Consignment Note

Environment Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

PART A Notification details

1 Consignment note code: FRANKO/FOG03

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

O'Gara C/O Graham Constructions Owens Park Wilmslow Road Fallofields M14 6HD

3 Premises code (where applicable):

4 The waste will be taken to (name, address and postcode):

Provectus at CreweMaw Green Soil Treatment Facility, Maw Green Road, Crewe, CW1 5NG
Ref: DW 2253338

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

If continuation sheet used, tick here ☐

1 The process giving rise to the waste(s) was: Earthwork

2 SIC for the process giving rise to the waste: .00/0

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are: Component	Concentration (% or mg/kg)	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
Soil Containing ACM's and PAH's	170605	20,000			Solid	HP5 HP7	8 Wheeler

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170605	N/A	Soil	N/A	N/A	

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are: /

1 Carrier name: Frank O'Gara & Sons

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Sorby Road, Irlam, Northbank Industrial Estate, Manchester, M44 5BA

2 Carrier registration no./reason for exemption: CBDU124469

3 Vehicle registration no. (or mode of transport, if not road): [redacted]

Signature [redacted]

Date 10/07/2026 Time 0800

PART D Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

H. Rogers
GRAHAMS

Signature

Date 10/07/2026 Time 0800

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170605		ACL	R05

1 I received this waste at the address given in A4 on: Date 10/07/2026 Time 1010

2 Vehicle registration no. (or mode of transport if not road): [redacted]

3 Where waste is rejected please provide details:

Name: A. STOCKTON

On behalf of (name, address, postcode, telephone, e-mail, facsimile): Provectus Soils Management
Maw Green Soil Treatment Centre
Maw Green Road
Crewe CW1 5NG

I certify that waste permit/exempt waste operation number: BS7721D

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature [redacted]

Date 10/07/2026 Time 1010

O'GARA

Frank O'Gara & Sons Ltd
Sorby Road Irlam Manchester M44 5BA
Tel: 0161 775 4587

237363

Demolition **Excavation** **Civils** **Remediation** **Tippers** **Recycling**

Date	Vehicle Registration	[redacted]
10 7 26	Driver Name	JASON B

Customer

GRAHAM CONSTRUCTION

Site Address

AVRNS Waste Fallowfield

Description of Material / Goods **Collected**	Description of Material / Goods **Delivered**
SOILS CONTAINING ACM'S + PAH'S TP04 / 1B No. of Loads ☐	No. of Loads ☐

4w Load ☐ 8w Load ☐ Skip ☐ State Skip Size .....

EWC Code	Weight in Tonnes

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

All recycled aggregates have been produced in line with WRAP protocol.

Time on Site	Waiting Time	Time off Site	Total Hours

Additional Information

Black Pipe + PAH Hotspot

Site Print Name	Site Sig[redacted]
H. Rogers	

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 for the material in good order and condition and subsequent complaints cannot be accepted in respect of materials or circumstances of delivery must be made to the driver of the vehicle and be confirmed in writing to the company immediately.

All vehicles hired under CPA Conditions

SF155 Rev.2 11-10-17