Collyhurst Village – Block D2 Plots 33-43

Site Completion Report

Job Number	Report Date	Client
LKC201120	**10th September 2025**	**Dex Construction Limited**

DOCUMENT QUALITY ASSURANCE

Site Address	Land east of Rochdale Road, Manchester M40 8AN
Report Title	Site Completion Report
Job Number	LKC201120
Client	Dex Construction Limited

Revision	0	**Date of Issue**	31/10/2025
Document Ref:	LKC201120-D1-SCR-Collyhurst Village D2 Plots 33-43 R0		
Status	Final		
Written By	Hannah Moss		
Approved By	Rosie Cummings		

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1. Introduction

LK Consult Ltd (LKC) has been commissioned to provide a Plot Completion Report for Block D2 (Plots 33-36 only), which is part of the wider Collyhurst Village development in Manchester (planning reference: 129393/VO/2021) for residential use. This report relates to Plots 33-43 of Block D2.

The whole development site is located to the east of Rochdale Road in the Collyhurst area of Manchester. Centred at approximate National Grid Reference 385570E 400290N. Block D2 Plots 33-43 is located in the north-east of the whole development area. Figure 1 indicates the site location and boundary plan. Figure 2 indicates the proposed development.

The aim of the Site Completion Report will be to demonstrate to the Local Authority that the site has been suitably remediated in line with the Remediation Statement and in accordance with the National Planning Policy Framework (NPPF)[1], where the site is 'suitable for use' for the proposed development.

The Site Completion Report should be sufficient to satisfy Contaminated Land Condition 9 (b). Details are provided in the following Sections.

1.1. Summary of Previous Work

The following reports have been undertaken for the site:

- Preliminary Risk Assessment (PRA) report, undertaken by LKC (Ref: LKC 20 1120B, dated 4th February 2020).
- Updated Preliminary Risk Assessment (PRA) report, undertaken by LKC (Ref: LKC 20 1120, dated August 2020). To incorporate the extended planning boundary.
- Phase 2 Geo-Environmental Investigation and Risk Assessment and Remediation Strategy by LKC (Ref. CL-602-LKC 20 1120-02, dated October 2020).
- Remediation Strategy undertaken by LKC (Ref: CL-602-LKC 20 1120-04 dated October 2020).

The findings of the above reports have been agreed by Manchester City Council.

In addition to the above reports, individual plot by plot completion reports have also been produced on all properties at the development. These are provided in Appendix A.

1.2. Summary of Required Validation Work

Based upon the findings of the above reports, the following remediation was required for Block D2:

- 600mm clean capping layer comprising 600mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all private rear garden areas separated by a geotextile marker.
- 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all front garden areas separated by a geotextile marker.
- Chemical validation of all imported soils to be used in gardens and soft landscaping.
- Details of any unexpected contamination.

2. Imported Material for Garden Areas

Topsoil for use in the garden and landscaping areas was imported onto site from several sources during the development. A summary is provided in the following sections below. All details including laboratory testing results are presented in separate soil suitability reports in Appendices B and C.

2.1. Topsoil – Front Gardens

Approximately 80m^3 of topsoil was imported to site from Braidwood for use in the front gardens. The imported topsoil was sampled on 21st March 2025 (referenced TS101 to TS104) in line with the rates agreed in the remediation strategy (minimum 3 samples, 1 sample per 50m^3). LKC visually inspected the topsoil for putrescible material, none of which was encountered.

2.2. Topsoil – Rear Gardens

Approximately 175m^3 of topsoil was imported to site from Freeland Horticulture Limited, Rosedale Nursery for use in the rear gardens. The imported topsoil was sampled on 21st March 2025 (referenced TS101 to TS104) in line with the rates agreed in the remediation strategy (minimum 3 samples, 1 sample per 50m^3). LKC visually inspected the topsoil for putrescible material, none of which was encountered.

2.3. Subsoil

Approximately 850m^3 of site won subsoil was used. The subsoil was sampled on 21st March 2025 (referenced SS101 to SS109) in line with the rates agreed in the remediation strategy (minimum 3 samples, 1 sample per 100m^3). Asbestos was identified in sample ref: SS105. A 100m^3 section of the stockpile was subsequently removed, and additional 15no. tests for asbestos were undertaken across the remaining stockpile. No asbestos was identified in any additional samples; therefore, the contaminated result is considered to be anomalous.

2.4. Generic Assessment Criteria

With regards to the soil risk assessment LKC will use the following hierarchy:

- Category 4 Screening Levels (C4SLs).
- LQM Suitable 4 Use Levels (S4ULs).

An assessment of the data should be undertaken to confirm B(a)P is a suitable surrogate marker by assessing the ratios of carcinogenic PAHs to B(a)P. However, as the majority of the PAHs were recorded as less than detection limits and therefore the assessment could not be undertaken.

When compared to appropriate screening values for residential end use with plant uptake, no elevated contaminants were identified in the imported topsoil and site won subsoil and the material is considered suitable for use within the garden and soft landscaping capping layer.

Appropriate screening values are presented in Appendix D.

3. Depth of Cover System

Photographs of the depth measurements are provided in the individual plot reports for each property and depths are summarised below in Table 3-1.

Full plot reports are provided in Appendix A.

Location No.	Topsoil Depth (mm)	Subsoil Depth (mm)	Total Depth (mm)	Membrane at base	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 33 Rear	350	350	700	Yes	600	✓
Plot 34 Rear	350	350	700	Yes	600	✓
Plot 35 Rear	300	340	640	Yes	600	✓
Plot 36 Rear	300	460	760	Yes	600	✓
Plot 37 Rear	300	430	730	Yes	600	✓
Plot 38 Rear	300	450	750	Yes	600	✓
Plot 39 Rear	300	350	650	Yes	600	✓
Plot 40 Rear	300	350	650	Yes	600	✓
Plot 41 Rear	300	340	650	Yes	600	✓
Plot 42 Rear	300	340	650	Yes	600	✓
Plot 43 Rear	200	400	600	Yes	600	✓
Plot 33 Front	980	-	980	Yes	450	✓
Plot 34 Front	600	-	600	Yes	450	✓
Plot 35 Front	900	-	900	Yes	450	✓
Plot 36 Front	600	-	600	Yes	450	✓
Plot 37 Front	200	400	600	Yes	450	✓
Plot 38 Front	250	750	1000	Yes	450	✓
Plot 39 Front	150	300	450	Yes	450	✓
Plot 40 Front	150	750	900	Yes	450	✓
Plot 41 Front	150	450	600	Yes	450	✓
Plot 42 Front	150	450	600	Yes	450	✓
Plot 43 Front	350	475	825	Yes	450	✓

Table 3-1: Summary of validation works undertaken.

4. Unexpected Contamination

LKC understand that no unexpected contamination was encountered during development works.

5. Conclusions

LKC consider that the work onsite to date has been validated in accordance with the agreed Remediation Strategy.

Based on the above information LKC considers that Block D2 Plots 33-43 within the Collyhurst Village, Manchester development site are 'suitable for use' for a residential development.

LKC considers there is sufficient information to discharge the outstanding contaminated land planning Condition 9 (b) by Manchester City Council.

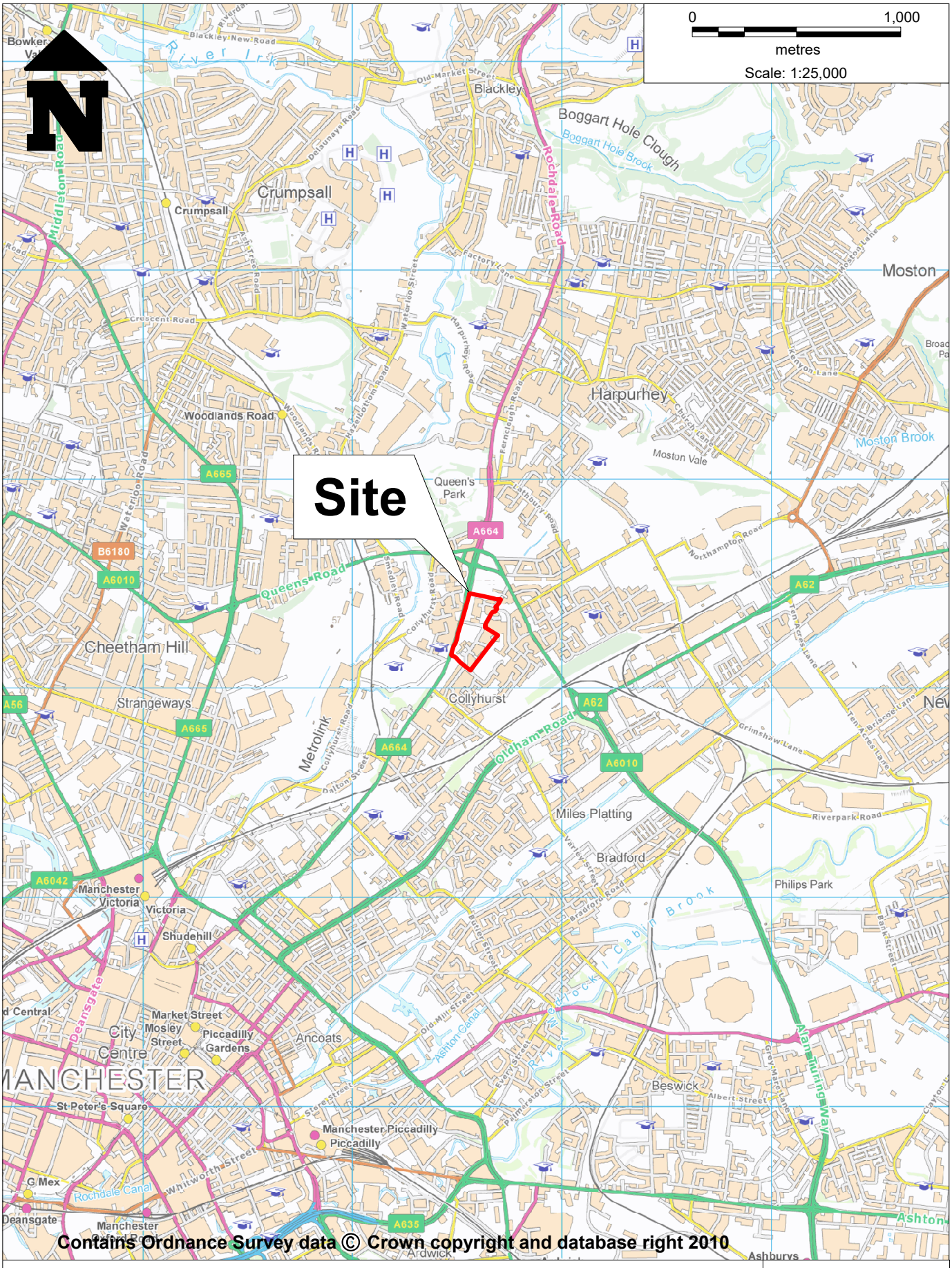
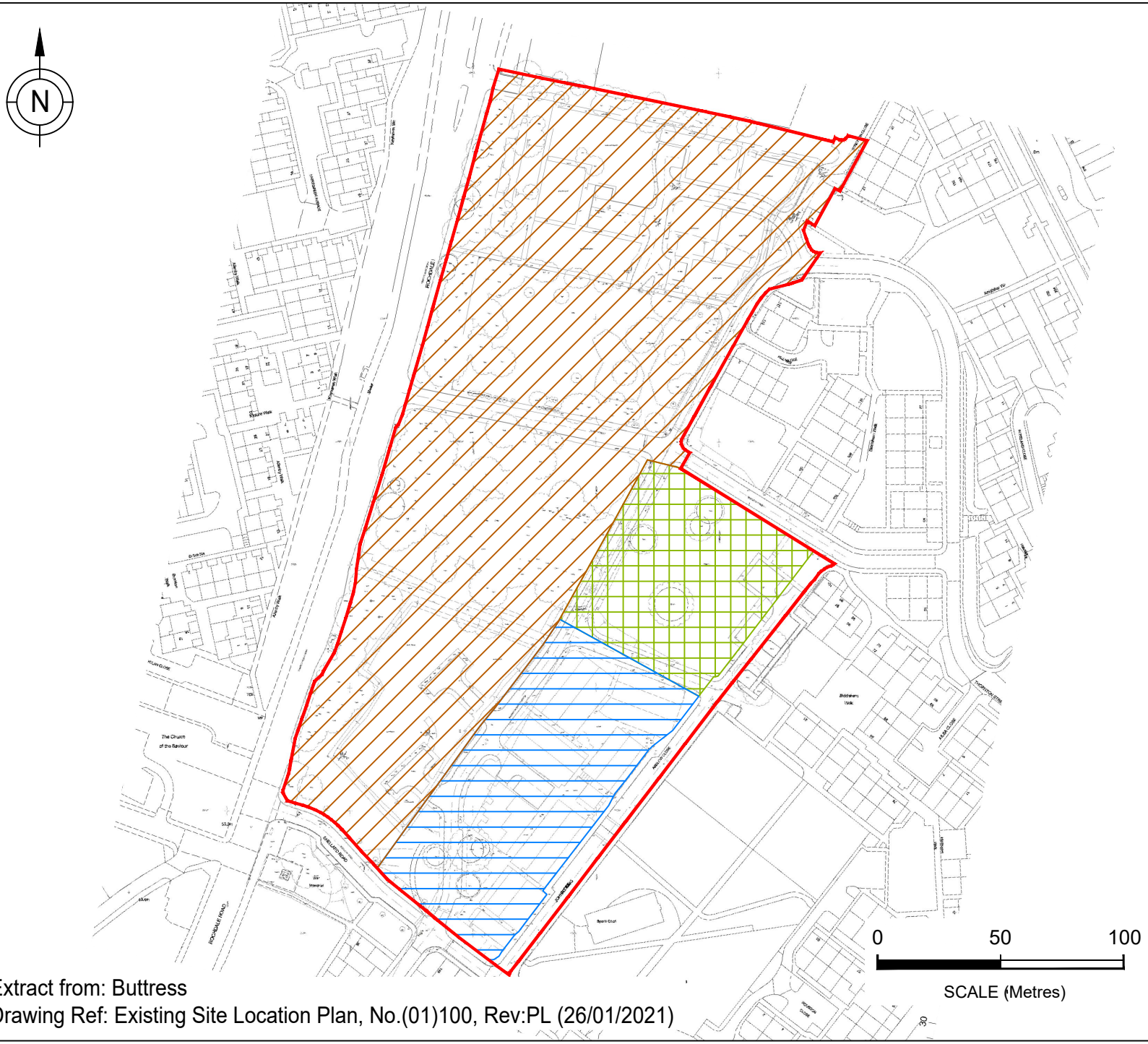


Figure 1: Site Location Plan, Collyhurst Village, Manchester

Drawn: January 2021 Scale: 1:25,000 @ A4 (see scale bar)

LK CONSULT LIMITED



KEY

- Planning Boundary
- Development Area
- Public Open Space
- Proposed Public Open Space - to be Investigated Once Unoccupied

Sampling Locations and features annotated by LK Consult Ltd are approximate and are based upon observed measurements unless otherwise stated. Do not scale from this drawing and work from marked dimensions only. All dimensions and features should be confirmed on site by the Contractor. Where this drawing includes information provided to LK Consult Ltd by others, LK Consult Ltd gives no warranty, representation or assurance as to the accuracy of such information.

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Client:	Civic Engineers
Site:	Collyhurst Village, Manchester
Title:	Site Boundary Plan

Job No.:	Scale (See Scale Bar):	Figure:	Revision:
LKC 20 1120	See Scale Bar	2	

Drawn By:	Checked By:	Drawn:
AC	CH	Jan 2021

Extract from: Buttress
Drawing Ref: Existing Site Location Plan, No.(01)100, Rev:PL (26/01/2021)



Extract from: Buttress
Drawing Ref: Site Layout Plan, No.(04)706, Rev:PL (26/01/2021)

KEY

- Planning Boundary
- Plots
- D — Plot Identification

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LK CONSULT LIMITED

Client:	Civic Engineers
Site:	Collyhurst Village, Manchester
Title:	Proposed Development Plan

Job No.:	Scale (See Scale Bar):	Figure:	Revision:
LKC 20 1120	See Scale Bar	3	

Drawn By:	Checked By:	Drawn:
AC	CH	Jan 2021

Appendix A – Plot Reports

PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Developer	DEX Construction Limited	**Inspection Date**	1st October 2025
Plot Number	33 Front	**Inspected By**	EH

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in front garden area showing membrane at base.



Depth measurement of the capping layer in front garden (c. 1000mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 33 Front	980	-	Yes	980	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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Other works including inter alia hotspot removal, drainage, soil texture, nutrients, permitting, invasive species management and geotechnical requirements are out with this scope and should be dealt with by others.

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	28th July 2025
Plot Number	33	**Inspected By**	LGD

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 700mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 33 Rear	350	350	Yes	700	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	1st October 2025
Plot Number	34 Front	**Inspected By**	EH

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 600mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 34 Front	600	-	Yes	600	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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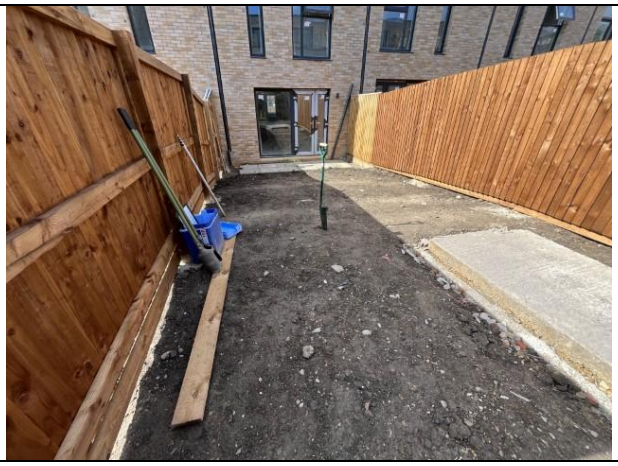
PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	28th July 2025
Plot Number	34	**Inspected By**	EH

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 700mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 34 Rear	350	350	Yes	700	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	1st October 2025
Plot Number	35 Front	**Inspected By**	EH

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 900mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 35 Front	900	NR	Yes	900	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	16 and 28th July 2025
Plot Number	35	**Inspected By**	LGD / MB

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 640mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 35 Rear	300	340	Yes	640	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	1st October 2025
Plot Number	36	**Inspected By**	EH

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 600mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 36 Front	600	-	Yes	600	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	16th July 2025 & 30th Sep 2025
Plot Number	36	**Inspected By**	MB / EH

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 760mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 36 Rear	300	460	Yes	760	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
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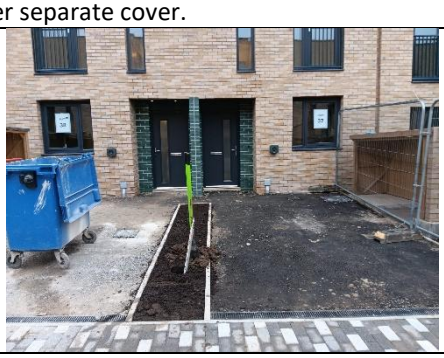
PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Developer	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	37 Front	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 600mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 37 Front	200	400	Yes	600	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	Collyhurst Village, Manchester – Block D2		
Developer	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	37 Rear	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 730mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 37 Rear	150	580	Yes	730	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Developer	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	38 Front	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 1000mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 38 Front	250	750	Yes	1000	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	38	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 750mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 38 Rear	300	450	Yes	750	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Developer	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	39 Front	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 1000mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 39 Front	150	300	Yes	450	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	39	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 760mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 39 Rear	300	350	Yes	650	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Developer	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	40 Front	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 900mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 40 Front	150	750	Yes	900	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	40	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 650mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 40 Rear	300	350	Yes	650	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	41	**Inspected By**	JL

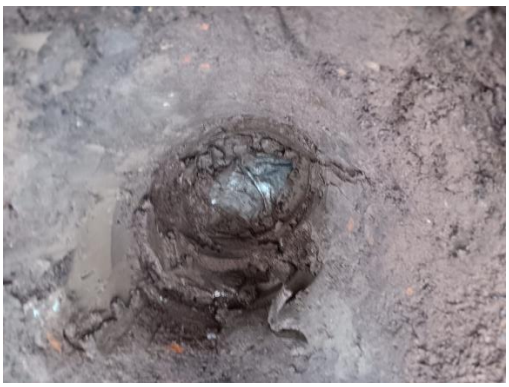
Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 760mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 41 Rear	300	340	Yes	650	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Developer	DEX Construction Limited	**Inspection Date**	17th October 2025
Plot Number	41-42 Front	**Inspected By**	JL

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 600mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 41-42 Front Shared Strip	150	450	Yes	600	450	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

DISCLAIMER

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Other works including inter alia hotspot removal, drainage, soil texture, nutrients, permitting, invasive species management and geotechnical requirements are out with this scope and should be dealt with by others.

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PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	July 2025
Plot Number	42 Rear	**Inspected By**	MB

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

Soil Suitability reports are provided under separate cover.



View of rear garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 60mm).

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 42 Rear	300	300	Yes	600	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Jacob Lythgoe	**Report reviewed by**	Hannah Moss

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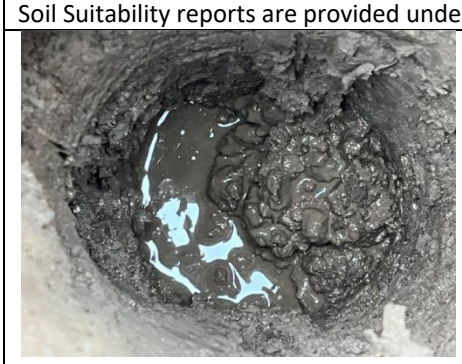
PLOT VERIFICATION REPORT
Environmental Cover System Validation

Site Name	**Collyhurst Village, Manchester – Block D2**		
Client	DEX Construction Limited	**Inspection Date**	30th October 2025
Plot Number	43	**Inspected By**	LGD

Construction phase remedial requirements specified in the Remediation Strategy by LKC (ref: LKC 20 1120, dated January 2021) and comprised:

- **Front Gardens:** 450mm clean capping layer comprising 450mm of subsoil/topsoil (min. 150mm topsoil) over the existing ground in all garden areas separated by a geotextile marker.
- **Rear Gardens:** 600mm clean capping layer of subsoil/topsoil (min. 150mm topsoil) over a geotextile marker.

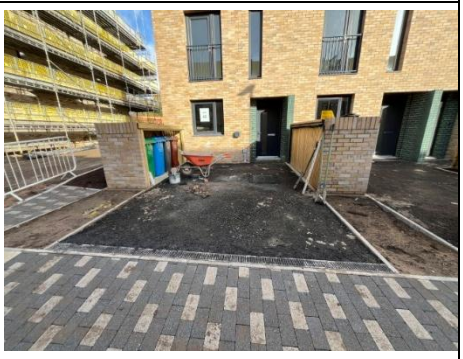
Soil Suitability reports are provided under separate cover.



Downhole view of soil in capping layer excavation in front garden area showing membrane at base (note water at base).



Depth measurement of the capping layer in front garden (c. 825mm).



View of front garden.



Downhole view of soil in capping layer excavation in rear garden area showing membrane at base.



Depth measurement of the capping layer in rear garden (c. 600mm).



View of rear garden.

Location	Topsoil Depth (mm)	Subsoil Depth (mm)	Membrane	Total Depth (mm)	Required Depth (mm)	Pass (✓) or Fail (x)
Plot 43 Front	350	475	Y	825	450	✓
Plot 43 Rear	200	400	Y	600	600	✓

LKC has completed the inspection of the capping depth and conclude the correct depth was installed in accordance with the remedial requirements.

Report Prepared By:	Liam Greenwood-Dean	**Report reviewed by**	Hannah Moss

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Appendix B – Topsoil Suitability Reports

SOIL VERIFICATION REPORT
Topsoil Suitability

Site Name	**Collyhurst Village, Manchester – Block D2 fronts**		
Developer	**Dex Construction Ltd**	**Material Source**	Braidwood
NHBC Ref	-	**No. Samples Tested**	3
Approx. Volume Imported	80m3	**Inspection Date**	October 2025

Rationale

Sampling rates and sampling suites were specified in the Remediation Strategy by LKC (ref: CL-602-LKC 20 1120-04, dated January 2021) and comprised:

- **Topsoil:** Tested at a rate of 1 sample per 50m3 (min. 3 per source).
- **Analysis Suite A:** Arsenic, cadmium, total chromium, hexavalent chromium, copper, lead, zinc, selenium, nickel, mercury, boron, USEPA PAH 16, asbestos identification, pH, water soluble sulphate and Soil Organic Matter (SOM).
  Analysis Suite B: Arsenic, cadmium, total chromium, hexavalent chromium, copper, lead, zinc, selenium, nickel, mercury, boron, USEPA PAH 16, asbestos identification, pH, water soluble sulphate, Soil Organic Matter (SOM), TPHCWG, BTEX Compounds, MTBE, phenols, and cyanide suite.

Samples were testing for Suite B as a conservative screen.

Methodology

Composite samples were taken from the plots by hand auger and collected in plastic tubs and amber jars and stored in ice packed coolboxes for same day collection by DETS. Soil results are enclosed.

Risk Assessment – Human Health

With regards to the soil risk assessment LKC will use the following hierarchy, which is considered consistent with UK methodology for assessment using minimal or low risk:

- Category 4 Screening Levels (C4SLs).
- LQM Suitable 4 Use Levels (S4ULs).

Appropriate criteria are enclosed. No elevated contaminants were identified.



View of general composition.

LKC has inspected the soil, tested the appropriate number and risk assessed the data. With regards to human health, LKC can confirm that the soil is 'suitable for use'.

Report Prepared By:	Eryka Hayes	**Report reviewed by**	Hannah Moss

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Enclosed:

Laboratory Results - Soils

SOIL VERIFICATION REPORT
Topsoil Suitability

Generic Assessment Criteria – Soils

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
Metals	Inorganic Arsenic	N/A	37	40	49	640	79	168	DEFRA C4SL
	Beryllium	N/A	1.7	1.7	35	12	2.2	63	LQM S4UL
	Boron	N/A	290	11,000	45	240,000	21,000	46,000	LQM S4UL
	Cadmium	N/A	26	149	4.9	410	220	880	DEFRA C4SL
	Chromium (III)	N/A	910	910	18,000	8,600	1,500	33,000	LQM S4UL
	Chromium (VI)	N/A	21.0	21.0	170.0	49	23.0	250	DEFRA C4SL
	Copper	N/A	2,400	7,100	520	68,000	12,000	44,000	LQM S4UL
	Lead	N/A	200	310	80	2,330	630	1,300	DEFRA C4SL
	Elemental Mercury	N/A	1.2	1.2	21	58 (25.8) ^{vap}	16	30 (25.8) ^{vap}	LQM S4UL
	Inorganic Mercury	N/A	40	56	19	1,100	120	240	LQM S4UL
	Methylmercury	N/A	11	15	6.0	320	40	68	LQM S4UL
	Nickel	N/A	130	180	53	980	230	800	LQM S4UL
	Selenium	N/A	250	430	88	12,000	1,100	1,800	LQM S4UL
	Vanadium	N/A	410	1,200	91	9,000	2,000	5,000	LQM S4UL
	Zinc	N/A	3,700	40,000	620	730,000	81,000	170,000	LQM S4UL
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) ^{sol}	34	84,000 (57.0) ^{sol}	15,000	29,000	LQM S4UL
		2.5%	510	4,700 (141) ^{sol}	85	97,000 (141) ^{sol}	15,000	30,000	LQM S4UL
		6%	1,100	6,000 (336) ^{sol}	200	100,000	15,000	30,000	LQM S4UL
	Acenaphthylene	1%	170	2,900 (86.1) ^{sol}	28	83,000 (86.1) ^{sol}	15,000	29,000	LQM S4UL
		2.5%	420	4,600 (212) ^{sol}	69	97,000 (212) ^{sol}	15,000	30,000	LQM S4UL
		6%	920	6,000 (506) ^{sol}	160	100,000	15,000	30,000	LQM S4UL
	Anthracene	1%	2,400	31,000 (1.17) ^{vap}	380	520,000	74,000	150,000	LQM S4UL
		2.5%	5,400	35,000	950	540,000	74,000	150,000	LQM S4UL
		6%	11,000	37,000	2,200	540,000	74,000	150,000	LQM S4UL
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49	LQM S4UL
		2.5%	11	14	6.5	170	29	56	LQM S4UL
		6%	13	15	13	180	29	62	LQM S4UL
	Benzo(a)pyrene (only)	1%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		2.5%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		6%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
	Benzo(a)pyrene (surrogate marker Coal Tar)	1%	0.8	1.2	0.32	15	2.2	4	LQM S4UL
		2.5%	1.0	1.2	0.67	15	2.2	5	LQM S4UL
		6%	1.1	1.2	1.20	15	2.2	5	LQM S4UL
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13	LQM S4UL
		2.5%	3.3	4.0	2.1	44	7.2	15	LQM S4UL
		6%	3.7	4.0	3.9	45	7.2	16	LQM S4UL
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400	LQM S4UL
		2.5%	340	360	470	4,000	640	1,500	LQM S4UL
		6%	350	360	640	4,000	640	1,600	LQM S4UL
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370	LQM S4UL
		2.5%	93	110	75	1,200	190	410	LQM S4UL
		6%	100	110	130	1,200	190	440	LQM S4UL
	Chrysene	1%	15	30	4.1	350	57	93	LQM S4UL
		2.5%	22	31	9.4	350	57	110	LQM S4UL
		6%	27	32	19	350	57	120	LQM S4UL
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1	LQM S4UL
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3	LQM S4UL
		6%	0.3	0.32	0.43	3.6	0.58	1.4	LQM S4UL
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300	LQM S4UL
		2.5%	560	1,600	130	23,000	3,100	6,300	LQM S4UL
		6%	890	1,600	290	23,000	3,100	6,400	LQM S4UL
	Fluorene	1%	170	2,800 (36.0) ^{sol}	27	63,000 (30.9) ^{sol}	9,900	20,000	LQM S4UL
		2.5%	400	3,800 (76.5) ^{sol}	67	68,000	9,900	20,000	LQM S4UL
		6%	860	4,500 (183) ^{sol}	160	71,000	9,900	20,000	LQM S4UL
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150	LQM S4UL
		2.5%	36	46	21	510	82	170	LQM S4UL
		6%	41	46	39	510	82	180	LQM S4UL
	Naphthalene	1%	15	15	65	1600 f	11000 f	800 f	C4SL
		2.5%	36	36	130	3700 f	15000 f	1200 f	C4SL
		6%	85	85	200	8400 f	17000 f	1900 f	C4SL
	Phenanthrene	1%	95	1,300 (36.0) ^{sol}	15	22,000	3,100	6,200	LQM S4UL
		2.5%	220	1,500	38	22,000	3,100	6,200	LQM S4UL
		6%	440	1,500	90	22,000	3,100	6,300	LQM S4UL
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000	LQM S4UL
		2.5%	1,200	3,800	270	54,000	7,400	15,000	LQM S4UL
		6%	2,000	3,800	620	54,000	7,400	15,000	LQM S4UL
	Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	LQM S4UL
		2.5%	0.98	1.2	0.67	15	2.2	4.7	LQM S4UL
		6%	1.1	1.2	1.2	15	2.2	4.8	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
BTEX Compounds	Benzene	1%	0.087	0.38	0.017	27	72	90	LQM S4UL
		2.5%	0.17	0.70	0.034	47	72	100	LQM S4UL
		6%	0.37	1.4	0.075	90	73	110	LQM S4UL
		6%	0.87	3.3	0.180	98	140	230	C4SL
	Toluene	1%	130	880 (869) [vap]	22	56,000 (869) [vap]	56,000	87,000 (869) [vap]	LQM S4UL
		2.5%	290	1,900	51	110,000 (1,920) [vap]	56,000	95,000 (1,920) [vap]	LQM S4UL
		6%	660	3,900	120	180,000 (4,360) [vap]	56,000	100,000 (4,360)	LQM S4UL
	Ethylbenzene	1%	47	83	16	5,700 (518) [vap]	24,000	17,000 (518) [vap]	LQM S4UL
		2.5%	110	190	39	13,000 (1,220) [vap]	24,000	22,000 (1,220) [vap]	LQM S4UL
		6%	260	440	91	27,000 (2,840) [vap]	25,000	27,000 (2,840) [vap]	LQM S4UL
	o-xylene	1%	60	88	28	6,600 (478) [sol]	41,000	17,000 (478) [sol]	LQM S4UL
		2.5%	140	210	67	15,000 (1,120) [sol]	42,000	24,000 (1,120) [sol]	LQM S4UL
		6%	330	480	160	33,000 (2,620) [sol]	43,000	33,000 (2,620) [sol]	LQM S4UL
	m-xylene	1%	59	82	31	6,200 (625) [vap]	41,000	17,000 (625) [vap]	LQM S4UL
		2.5%	140	190	74	14,000 (1,470) [vap]	42,000	24,000 (1,470) [vap]	LQM S4UL
		6%	320	450	170	31,000 (3,460) [vap]	43,000	32,000 (3,460) [vap]	LQM S4UL
	p-xylene	1%	56	79	29	5,900 (576) [sol]	41,000	17,000 (576) [sol]	LQM S4UL
		2.5%	130	180	69	14,000 (1,350) [sol]	42,000	23,000 (1,350) [sol]	LQM S4UL
		6%	310	430	160	30,000 (3,170) [sol]	43,000	31,000 (3,170) [sol]	LQM S4UL
Petroleum Hydrocarbons	**Aliphatic**								
	EC 5-6	1%	42	42	730	3,200 (304) [sol]	570,000(304)[sol]	95,000 (304) [sol]	LQM S4UL
	EC>6-8	1%	100	100	2,300	7,800 (144) [sol]	600,000	150,000 (144) [sol]	LQM S4UL
	EC>8-10	1%	27	27	320	2,000 (78) [sol]	13,000	14,000 (78) [vap]	LQM S4UL
	EC>10-12	1%	130 (48) [vap]	130 (48) [vap]	2,200	9,700 (48) [sol]	13,000	21,000 (48) [vap]	LQM S4UL
	EC>12-16	1%	1,100 (24) [sol]	1,100 (24) [sol]	11,000	59,000 (24) [sol]	13,000	25,000 (24) [sol]	LQM S4UL
	EC>16-35	1%	65,000 (8.48)	65,000 (8.48) [f,sol]	260,000 [f]	160,000 [f]	250,000 [f]	450,000 [f]	LQM S4UL
	EC>35-44	1%	65,000 (8.48)	65,000 (8.48) [f,sol]	260,000 [f]	160,000 [f]	250,000 [f]	450,000 [f]	LQM S4UL
	Aliphatic								
	EC 5-6	2.5%	78	78	1,700	5,900 (558) [sol]	590,000	130,000 (558) [sol]	LQM S4UL
	EC>6-8	2.5%	230	230	5,600	17,000 (322) [sol]	610,000	220,000 (322) [sol]	LQM S4UL
	EC>8-10	2.5%	65	65	770	4,800 (190) [vap]	13,000	18,000 (190) [vap]	LQM S4UL
	EC>10-12	2.5%	330 (118) [vap]	330 (118) [vap]	4,400	23,000 (118) [vap]	13,000	23,000 (118) [vap]	LQM S4UL
	EC>12-16	2.5%	2,400 (59) [sol]	2,400 (59) [sol]	13,000	82,000 (59) [sol]	13,000	25,000 (59) [sol]	LQM S4UL
	EC>16-35	2.5%	92,000 (21)	92,000 (21) [f,sol]	270,000 [f]	1,700,000 [f]	250,000 [f]	480,000 [f]	LQM S4UL
	EC>35-44	2.5%	92,000 (21)	92,000 (21) [f,sol]	270,000 [f]	1,700,000 [f]	250,000 [f]	480,000 [f]	LQM S4UL
	Aliphatic								
	EC 5-6	6%	160	160	3,900	12,000 (1,150) [sol]	600,000	180,000 (1,150)	LQM S4UL
	EC>6-8	6%	530	530	13,000	40,000 (736) [sol]	620,000	320,000 (736) [sol]	LQM S4UL
	EC>8-10	6%	150	150	1,700	11,000 (451) [vap]	13,000	21,000 (451) [vap]	LQM S4UL
	EC>10-12	6%	760 (283) [vap]	760 (283) [vap]	7,300	47,000 (283) [vap]	13,000	24,000 (283) [vap]	LQM S4UL
	EC>12-16	6%	4,300 (142) [sol]	4,400 (142) [sol]	13,000	90,000 (142) [sol]	13,000	26,000 (142) [sol]	LQM S4UL
	EC>16-35	6%	110,000 [f]	110,000 [f]	270,000 [f]	1,800,000 [f]	250,000 [f]	490,000 [f]	LQM S4UL
	EC>35-44	6%	110,000 [f]	110,000 [f]	270,000 [f]	1,800,000 [f]	250,000 [f]	490,000 [f]	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	1%	70	370	13	26,000 (1,220) [sol]	56,000	76,000 (1,220) [sol]	LQM S4UL
	EC>7-8(toluene)	1%	130	860	22	56,000 (869) [vap]	56,000	87,000 (869) [vap]	LQM S4UL
	EC>8-10	1%	34	47	8.6	3,500 (613) [vap]	5,000	7,200 (613) [vap]	LQM S4UL
	EC>10-12	1%	74	250	13	16,000 (364) [sol]	5,000	9,200 (364) [sol]	LQM S4UL
	EC>12-16	1%	140	1,800	23	36,000 (169) [sol]	5,100	10,000	LQM S4UL
	EC>16-21	1%	260 [f]	1,900 [f]	46 [f]	28,000 [f]	3,800 [f]	7,600 [f]	LQM S4UL
	EC>21-35	1%	1,100 [f]	1,900 [f]	370 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	EC>35-44	1%	1,100 [f]	1,900 [f]	370 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	2.5%	140	690	27	46,000 (2,260) [sol]	56,000	84,000 (2,260) [sol]	LQM S4UL
	EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) [sol]	56,000	95,000 (1,920) [sol]	LQM S4UL
	EC>8-10	2.5%	83	110	21	8,100 (1,500) [vap]	5,000	8,500 (1,500) [vap]	LQM S4UL
	EC>10-12	2.5%	180	590	31	28,000 (899) [sol]	5,000	9,700 (899) [sol]	LQM S4UL
	EC>12-16	2.5%	330	2,300 (419) [sol]	57	37,000	5,100	10,000	LQM S4UL
	EC>16-21	2.5%	540 [f]	1,900 [f]	110 [f]	28,000 [f]	3,800 [f]	7,700 [f]	LQM S4UL
	EC>21-35	2.5%	1,500 [f]	1,900 [f]	820 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	EC>35-44	2.5%	1,500 [f]	1,900 [f]	820 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	6%	300	1,400	57	86,000 (4,710) [sol]	56,000	92,000 (4,710) [sol]	LQM S4UL
	EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360)[vap]	56,000	100,000 (4,360)	LQM S4UL
	EC>8-10	6%	190	270	51	17,000 (3,580) [vap]	5,000	9,300 (3,580) [vap]	LQM S4UL
	EC>10-12	6%	380	1,200	4	34,000 (2,150) [sol]	5,000	10,000	LQM S4UL
	EC>12-16	6%	660	2,500	130	38,000	5,100	10,000	LQM S4UL
	EC>16-21	6%	930 [f]	1,900 [f]	260 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	EC>21-35	6%	1,700 [f]	1,900 [f]	1,600 [f]	28,000 [f]	3,800 [f]	7,900 [f]	LQM S4UL
	EC>35-44	6%	1,700 [f]	1,900 [f]	1,600 [f]	28,000 [f]	3,800 [f]	7,900 [f]	LQM S4UL
	Aliphatic +Aromatic >EC44	1%	1,600 [f]	1,900 [f]	1,200 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
		2.5%	1,800 [f]	1,900 [f]	2,100 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
		6%	1,900 [f]	1,900 [f]	3,000 [f]	28,000 [f]	3,800 [f]	7,900 [f]	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
Chloalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	0.11	0.16	0.05	12.0	300	300	DEFRA C4SL
		2.5%	0.18	0.24	0.10	17.0	310	330	DEFRA C4SL
		6%	0.31	0.41	0.19	29.0	310	330	DEFRA C4SL
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) ^{vap}	LQM S4UL
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) ^{vap}	LQM S4UL
		6%	39	40	240	3,000	140,000	100,000 (6,392)	LQM S4UL
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800	LQM S4UL
		2.5%	3.4	8.0	0.89	550	1,400	2,100	LQM S4UL
		6%	7.5	17	2.0	1,100	1,400	2,300	LQM S4UL
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500	LQM S4UL
		2.5%	2.8	3.5	1.9	250	1,400	1,800	LQM S4UL
		6%	6.4	8.2	4.4	560	1,400	2,100	LQM S4UL
	Tetrachloroethene (PCE)	1%	0.31	0.32	2.00	24	3,200	1400	DEFRA C4SL
		2.5%	0.70	0.71	4.8	55	3,300	1900	DEFRA C4SL
		6%	1.60	1.60	11.0	130	3,400	2,500	DEFRA C4SL
	Tetrachloromethane (carbon tetrachloride)	1%	0.03	0.03	0.45	2.9	890	190	LQM S4UL
		2.5%	0.06	0.06	1.0	6.3	920	270	LQM S4UL
		6%	0.13	0.13	2.4	14	950	400	LQM S4UL
	Trichloroethene (TCE)	1%	0.009	0.010	0.032	0.7	76.0	41.0	DEFRA C4SL
		2.5%	0.020	0.020	0.072	1.5	78.0	51.0	DEFRA C4SL
		6%	0.043	0.045	0.160	3.4	79.0	69.0	DEFRA C4SL
	cis 1,2-dichloroethene	1%	0.46	0.50	0.890	38	3,800	2,000	DEFRA C4SL
		2.5%	0.78	0.84	1.70	64	3,800	2,400	DEFRA C4SL
		6%	1.50	1.60	3.60	120	3,900	3,100	DEFRA C4SL
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600	LQM S4UL
		2.5%	1.7	2.1	0.83	170	2,500	2,800	LQM S4UL
		6%	3.4	4.2	1.7	350	2,500	3,100	LQM S4UL
	Trans-1,2 Dichloroethene	1%	0.9	0.9	3.7	69	13,000	5,600	DEFRA C4SL
		2.5%	1.6	1.7	7.5	120	13,000	7,000	DEFRA C4SL
		6%	3.3	3.4	16.0	260	13,000	9,100	DEFRA C4SL
	Chloroethene (vinyl chloride)	1%	0.006	0.015	0.0017	1.1E+00	7.8	18.0	DEFRA C4SL
		2.5%	0.010	0.019	0.0031	1.4E+00	7.8	19.0	DEFRA C4SL
		6%	0.017	0.029	0.0058	2.20	7.8	19.0	DEFRA C4SL
	2,4,6-Trinitritoluene (TNT)	1%	1.6	65	0.24	1,000	130	260	LQM S4UL
		2.5%	3.7	66	0.58	1,000	130	270	LQM S4UL
		6%	8.1	66	1.4	1,000	130	270	LQM S4UL
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) ^{sol}	LQM S4UL
		2.5%	250	13,000	38	210,000	26,000	51,000	LQM S4UL
		6%	540	13,000	85	210,000	27,000	53,000	LQM S4UL
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) ^{vap}	LQM S4UL
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) ^{vap}	LQM S4UL
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) ^{vap}	LQM S4UL
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30	LQM S4UL
		2.5%	6.6	7.4	6.1	170	18	31	LQM S4UL
		6%	7.1	7.5	9.8	170	18	31	LQM S4UL
	Dieldrin	1%	0.97	7.0	0.17	170	18	30	LQM S4UL
		2.5%	2.0	7.3	0.41	170	18	30	LQM S4UL
		6%	3.5	7.4	0.96	170	18	31	LQM S4UL
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300	LQM S4UL
		2.5%	7.8	620	1.2	9,400	1,200	2,400	LQM S4UL
		6%	17.4	620	2.7	9,400	1,200	2,400	LQM S4UL
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26	LQM S4UL
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26	LQM S4UL
		6%	0.14	6.6	2.2E-02	140	16	27	LQM S4UL
	Endosulfanns (2 isomers)	1%	7.4	160 (3.0E-03) ^{vap}	1.2	5,600 (3.0E-03) ^{vap}	1,200	2,300	LQM S4UL
		2.5%	18	280 (7.0E-03) ^{vap}	2.9	7,400 (7.0E-03) ^{vap}	1,200	2,400	LQM S4UL
		6%	41	410 (1.6E-02) ^{vap}	6.8	8,400 (1.6E-02) ^{vap}	1,200	2,500	LQM S4UL
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15	LQM S4UL
		2.5%	0.2	3.8	3.2E-02	65	8.1	15	LQM S4UL
		6%	0.46	3.8	7.7E-02	65	8.1	16	LQM S4UL
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) ^{sol}	LQM S4UL
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) ^{sol}	LQM S4UL
		6%	2.4	2.4	32	290	14,000	2,900	LQM S4UL
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) ^{sol}	90,000	24,000 (571) ^{sol}	LQM S4UL
		2.5%	55	57	230	4,800 (1,370) ^{sol}	95,000	36,000 (1,370) ^{sol}	LQM S4UL
		6%	130	130	540	11,000 (3,240) ^{sol}	98,000	51,000 (3,270) ^{sol}	LQM S4UL
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) ^{vap}	LQM S4UL
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) ^{vap}	LQM S4UL
		6%	15	15	320	1,300	19,000	4,000 (1,880) ^{vap}	LQM S4UL
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) ^{vap}	78	110 (39) ^{vap}	LQM S4UL
		2.5%	1.6	1.9	0.90	120 (98.1) ^{vap}	79	120	LQM S4UL
		6%	3.7	4.3	2.2	240 (235) ^{vap}	79	130	LQM S4UL
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) ^{sol}	100	190	LQM S4UL
		2.5%	12	30	3.1	770 (107) ^{sol}	100	190	LQM S4UL
		6%	22	38	7.0	830	100	190	LQM S4UL
	Hexachlorobenzene	1%	1.8 (0.20) ^{vap}	4.1 (0.20) ^{vap}	0.47	110 (0.20) ^{vap}	16	30	LQM S4UL
		2.5%	3.3 (0.50) ^{vap}	5.7 (0.50) ^{vap}	1.1	120	16	30	LQM S4UL
		6%	4.9	6.7 (1.2) ^{vap}	2.5	120	16	30	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 [g]	94	0.13 [g]	3,500	620	1,100	LQM S4UL
		2.5%	2.0	150	0.30	4,000	620	1,100	LQM S4UL
		6%	4.5	210	0.70	4,300	620	1,100	LQM S4UL
	Pentachlorophenol	1%	0.22	27 (16.4) [vap]	3.0E-02	400	60	110	LQM S4UL
		2.5%	0.52	29	8.0E-02	400	60	120	LQM S4UL
		6%	1.2	31	0.19	400	60	120	LQM S4UL
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300	LQM S4UL
		2.5%	0.29	0.29	10	22	11,000	1,900	LQM S4UL
		6%	0.62	0.62	23	47	11,000	2,700	LQM S4UL
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48	LQM S4UL
		2.5%	0.7	0.78	0.61	66	25	50	LQM S4UL
		6%	1.6	1.8	1.4	120	25	51	LQM S4UL
	Phenol	1%	120	440 (460)	23	440 [dir] (26,000)	440 [dir] (10,000)	440 [dir] (7,600)	LQM S4UL
		2.5%	200	690	42	690 [dir] (30,000)	690 [dir] (10,000)	690 [dir] (8,300)	LQM S4UL
		6%	380	1,200	83	1,300 [dir] (34,000)	1,300 [dir] (10,000)	1,300 [dir] (9,300)	LQM S4UL

sol/vap = solubility/vapour limit (potentially use if free product identified, although highly conservative)
f=naphthalene is based on comparison of inhalation exposure with TDI(inhal) for localised effect
f = oral, dermal and inhalation exposures compared to oral HCV
dir = S4ULs based on threshold protective of direct skin contact with phenol)brackets long term exposure for illustration purposes)
g = derived based on 2,3,4-tetrachlorophenol

Normec DETS

UKAS TESTING
4480

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DETS Report No: 25-08495

Site Reference:	Collyhurst Village and Collyhurst South, Manchester
Project / Job Ref:	LKC 20 1120
Order No:	PO-C001912
Sample Receipt Date:	02/10/2025
Sample Scheduled Date:	02/10/2025
Report Issue Number:	1
Reporting Date:	08/10/2025

Authorised by:

[redacted]

Dave Ashworth
Technical Manager

Dates of laboratory activities for each tested analyte are available upon request.

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

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4480

Soil Analysis Certificate						
DETS Report No: 25-08495	**~Date Sampled**	29/09/25	29/09/25	29/09/25		
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied		
~Site Reference: Collyhurst Village and Collyhurst South, Manchester	**~TP / BH No**	Plot 34 D2 TS4	Plot 35 D2 TS5	Plot 36 D2 TS6		
~Project / Job Ref: LKC 20 1120	**~Additional Refs**	None Supplied	None Supplied	None Supplied		
~Order No: PO-C001912	**~Depth (m)**	None Supplied	None Supplied	None Supplied		
Reporting Date: 08/10/2025	**DETS Sample No**	791352	791353	791354		

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected		
pH	pH Units	N/a	MCERTS	7.3	6.8	6.8		
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1		
Free Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1		
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS	59	73	28		
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS	0.06	0.07	0.03		
Organic Matter (SOM)	%	< 0.1	MCERTS	5.6	2.5	1.6		
Arsenic (As)	mg/kg	< 2	MCERTS	6	6	7		
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1		
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2		
Chromium (Cr)	mg/kg	< 2	MCERTS	10	6	6		
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2		
Copper (Cu)	mg/kg	< 4	MCERTS	23	6	7		
Lead (Pb)	mg/kg	< 3	MCERTS	46	14	16		
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1		
Nickel (Ni)	mg/kg	< 3	MCERTS	8	5	5		
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Vanadium (V)	mg/kg	< 1	MCERTS	11	9	11		
Zinc (Zn)	mg/kg	< 3	MCERTS	47	19	22		
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Analysis carried out on the dried sample is corrected for the stone content

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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 25-08495	**~Date Sampled**	29/09/25	29/09/25	29/09/25		
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied		
~Site Reference: Collyhurst Village and Collyhurst South, Manchester	**~TP / BH No**	Plot 34 D2 TS4	Plot 35 D2 TS5	Plot 36 D2 TS6		
~Project / Job Ref: LKC 20 1120	**~Additional Refs**	None Supplied	None Supplied	None Supplied		
~Order No: PO-C001912	**~Depth (m)**	None Supplied	None Supplied	None Supplied		
Reporting Date: 08/10/2025	**DETS Sample No**	791352	791353	791354		

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Phenanthrene	mg/kg	< 0.1	MCERTS	0.20	< 0.1	< 0.1		
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Fluoranthene	mg/kg	< 0.1	MCERTS	0.34	< 0.1	0.16		
Pyrene	mg/kg	< 0.1	MCERTS	0.33	< 0.1	0.15		
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.21	< 0.1	< 0.1		
Chrysene	mg/kg	< 0.1	MCERTS	0.19	< 0.1	< 0.1		
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.19	< 0.1	< 0.1		
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.18	< 0.1	< 0.1		
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1		
**Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	1.6	< 1.6	< 1.6		

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Soil Analysis Certificate - TPH CWG Banded							
DETS Report No: 25-08495	**~Date Sampled**	29/09/25	29/09/25	29/09/25		
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied		
~Site Reference: Collyhurst Village and Collyhurst South, Manchester	**~TP / BH No**	Plot 34 D2 TS4	Plot 35 D2 TS5	Plot 36 D2 TS6		
~Project / Job Ref: LKC 20 1120	**~Additional Refs**	None Supplied	None Supplied	None Supplied		
~Order No: PO-C001912	**~Depth (m)**	None Supplied	None Supplied	None Supplied		
Reporting Date: 08/10/2025	**DETS Sample No**	791352	791353	791354		

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6 : HS_1D_MS_AL	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01		
Aliphatic >C6 - C8 : HS_1D_MS_AL	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05		
Aliphatic >C8 - C10 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aliphatic >C10 - C12 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aliphatic >C12 - C16 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	< 3		
Aliphatic >C16 - C21 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	< 3		
Aliphatic >C21 - C34 : EH_CU_1D_AL	mg/kg	< 10	MCERTS	< 10	< 10	< 10		
Aliphatic >C34 - C44 : EH_CU_1D_AL	mg/kg	< 10	NONE	< 10	< 10	< 10		
Aliphatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AL	mg/kg	< 21	NONE	< 21	< 21	< 21		
Aromatic >C5 - C7 : HS_1D_MS_AR	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01		
Aromatic >C7 - C8 : HS_1D_MS_AR	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05		
Aromatic >C8 - C10 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aromatic >C10 - C12 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aromatic >C12 - C16 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aromatic >C16 - C21 : EH_CU_1D_AR	mg/kg	< 3	MCERTS	4	< 3	< 3		
Aromatic >C21 - C35 : EH_CU_1D_AR	mg/kg	< 10	MCERTS	< 10	< 10	< 10		
Aromatic >C35 - C44 : EH_CU_1D_AR	mg/kg	< 10	NONE	< 10	< 10	< 10		
Aromatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AR	mg/kg	< 21	NONE	< 21	< 21	< 21		
Total >C5 - C44 : HS_1D_MS+EH_CU_1D_Total	mg/kg	< 42	NONE	< 42	< 42	< 42		

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Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 25-08495	**~Date Sampled**	29/09/25	29/09/25	29/09/25		
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied		
~Site Reference: Collyhurst Village and Collyhurst South, Manchester	**~TP / BH No**	Plot 34 D2 TS4	Plot 35 D2 TS5	Plot 36 D2 TS6		
~Project / Job Ref: LKC 20 1120	**~Additional Refs**	None Supplied	None Supplied	None Supplied		
~Order No: PO-C001912	**~Depth (m)**	None Supplied	None Supplied	None Supplied		
Reporting Date: 08/10/2025	**DETS Sample No**	791352	791353	791354		

Determinand	Unit	RL	Accreditation					
Benzene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2		
Toluene : HS_1D_MS	µg/kg	< 5	MCERTS	< 5	< 5	< 5		
Ethylbenzene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2		
p & m-xylene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2		
o-xylene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2		
MTBE : HS_1D_MS	µg/kg	< 5	MCERTS	< 5	< 5	< 5		

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Soil Analysis Certificate - Sample Descriptions	
DETS Report No: 25-08495	
LK Consult Limited	
~Site Reference: Collyhurst Village and Collyhurst South, Manchester	
~Project / Job Ref: LKC 20 1120	
~Order No: PO-C001912	
Reporting Date: 08/10/2025	

DETS Sample No	~TP / BH No	~Additional Refs	~Depth (m)	Moisture Content (%)	Sample Matrix Description
791352	Plot 34 D2 TS4	None Supplied	None Supplied	20.2	Black loamy sand with vegetation
791353	Plot 35 D2 TS5	None Supplied	None Supplied	14.9	Brown sandy clay
791354	Plot 36 D2 TS6	None Supplied	None Supplied	12.9	Brown sand

Moisture content is part of procedure E003 & is not an accredited test

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Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 25-08495

LK Consult Limited

~Site Reference: Collyhurst Village and Collyhurst South, Manchester

~Project / Job Ref: LKC 20 1120

~Order No: PO-C001912

Reporting Date: 08/10/2025

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

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List of HWOL Acronyms and Operators
DETS Report No: 25-08495
LK Consult Limited
~Site Reference: Collyhurst Village and Collyhurst South, Manchester
~Project / Job Ref: LKC 20 1120
~Order No: PO-C001912
Reporting Date: 08/10/2025

Acronym	Description
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
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total
~	Sample details provided by customer and can affect the validity of results

Benzene - HS_1D_MS
Ethylbenzene - HS_1D_MS
MTBE - HS_1D_MS
TPH - Aliphatic >C34 - C44 - raw data - EH_CU_1D_AL
TPH CWG - Aliphatic >C10 - C12 - EH_CU_1D_AL
TPH CWG - Aliphatic >C12 - C16 - EH_CU_1D_AL
TPH CWG - Aliphatic >C16 - C21 - EH_CU_1D_AL
TPH CWG - Aliphatic >C21 - C34 - EH_CU_1D_AL
TPH CWG - Aliphatic >C34 - C44 - EH_CU_1D_AL
TPH CWG - Aliphatic >C5 - C44 - HS_1D_MS+EH_CU_1D_AL
TPH CWG - Aliphatic >C5 - C6 - HS_1D_MS_AL
TPH CWG - Aliphatic >C6 - C8 - HS_1D_MS_AL
TPH CWG - Aliphatic >C8 - C10 - EH_CU_1D_AL
TPH CWG - Aromatic >C10 - C12 - EH_CU_1D_AR
TPH CWG - Aromatic >C12 - C16 - EH_CU_1D_AR
TPH CWG - Aromatic >C16 - C21 - EH_CU_1D_AR
TPH CWG - Aromatic >C21 - C35 - EH_CU_1D_AR
TPH CWG - Aromatic >C35 - C44 - EH_CU_1D_AR
TPH CWG - Aromatic >C5 - C44 - HS_1D_MS+EH_CU_1D_AR
TPH CWG - Aromatic >C5 - C7 - HS_1D_MS_AR
TPH CWG - Aromatic >C7 - C8 - HS_1D_MS_AR
TPH CWG - Aromatic >C8 - C10 - EH_CU_1D_AR
TPH CWG - Total >C5 - C44 - HS_1D_MS+EH_CU_1D_Total
Toluene - HS_1D_MS
m & p-xylene - HS_1D_MS
o-Xylene - HS_1D_MS

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Certificate Key

Symbol	Description
F	Filtered sample
UF	Unfiltered sample
D	Dried sample
AR	As received sample
RL	Reporting limit
~	Sample details provided by customer and can affect the validity of results
M/S	Missing Sample
*	The Dutch 10 PAH compounds consist of Naphthalene, Anthracene,Phenanthrene, Fluoranthene, Benz(a)anthracene, Chrysene, Benzo(k) fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene, and Indeno(1,2,3-cd)pyrene
**	Total EPA-16 PAHs consist of the following polycyclic aromatic hydrocarbons: Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(ghi)perylene.
***	Total WAC-17 PAHs consist of the following polycyclic aromatic hydrocarbons: Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz (a,h)anthracene, Benzo(ghi)perylene and Coronene.
^	No sampling date provided; unable to confirm if samples are within acceptable holding times
$	Samples exceeded their recommended holding times
n	Please note that we are MCERTS soil accredited (UK soils only) for sand, loam, and clay, and UKAS accredited for groundwater, tap water, surface water, and generated leachates. Other matrices are outside our scope of accreditation.
S	Subcontracted analysis
M	MCERTS accredited test
U	UKAS accredited test

SOIL VERIFICATION REPORT
Topsoil Suitability

Site Name	Collyhurst Village, Rochdale Road, Manchester Block D4	**Document Ref**	LKC 20 1120-SSR01-Topsoil Suitability Report R0
Developer	Dex Construction	**Material Source**	Freeland Horticulture, Roseland Nursery
No. of Samples Tested	4 For Suite B.	**Material Volume (m^3)**	175
Inspected By	MB	**Inspection Date**	23/03/25

Rationale

Sampling rates and sampling suites were specified in the Remediation Strategy by LKC (ref: CL-602-LKC 20 1120-04, dated January 2021) and comprised:

- **Topsoil:** Tested at a rate of 1 sample per 50m3 (min. 3 per source).
- **Analysis Suite B:** Heavy metals, pH, water soluble sulphate, speciated PAH, phenol, total and free cyanide, soil organic matter, asbestos screen, banded petroleum hydrocarbons (TPH CWG), BTEX, MTBE.

Methodology

Composite samples were taken from the plots by hand auger and collected in plastic tubs and amber jars and stored in ice packed coolboxes for same day collection by DETS. Soil results are enclosed.

Risk Assessment – Human Health

Remedial targets followed rationale described in the Remediation Strategy. Results and appropriate criteria are enclosed. No elevated contaminants were identified.



View of general composition.

LKC has inspected the soil, tested the appropriate number of samples and carried out a generic risk assessment on the results. With regards to human health, LKC can confirm that the soil is 'suitable for use'.

Report Prepared By:	Hannah Moss	**Report Reviewed By**	Rachel Peart

DISCLAIMER

This report has been prepared by LKC who have exercised such professional skill, care and diligence as may reasonably be expected of a properly qualified and competent consultant experienced in preparing reports of a similar scope. However, to the extent that the report is based on or relies upon information contained in records, reports or other materials provided to LKC which have not been independently produced or verified, LKC gives no warranty, representation, or assurance as to the accuracy or completeness of such information.

This report is issued on the condition that LKC will not be held liable for any loss arising from ground conditions between sampling points (i.e. boreholes/trial pits/hand augers/surface samples) which have not been shown by the sampling points or related testing carried out during the investigation, nor for any loss arising from conditions below the maximum depth of the investigation, or for any works done to the garden areas following the date of inspection. Opinions on such conditions, where given, are for general guidance only.

Other works including inter alia hotspot removal, drainage, soil texture, nutrients, permitting, invasive species management and geotechnical requirements are out with this scope and should be dealt with by others.

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UKAS TESTING
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DETS Report No: 25-03207

Site Reference:	Collyhurst
Project / Job Ref:	LKC201120
Order No:	None Supplied
Sample Receipt Date:	21/03/2025
Sample Scheduled Date:	21/03/2025
Report Issue Number:	1
Reporting Date:	27/03/2025

Authorised by:

[redacted]

Dave Ashworth
Technical Manager

Dates of laboratory activities for each tested analyte are available upon request.

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

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Soil Analysis Certificate						
DETS Report No: 25-03207	**~Date Sampled**	19/03/25	19/03/25	19/03/25	19/03/25	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst	**~TP / BH No**	D2-2	D4-2	D4-3	D4-13	
~Project / Job Ref: LKC201120	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: None Supplied	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 27/03/2025	**DETS Sample No**	769728	769729	769730	769731	

Determinand	**Unit**	**RL**	**Accreditation**				
Asbestos Screen (S)	N/a	N/a	**ISO17025**	Not Detected	Not Detected	Not Detected	Not Detected
pH	pH Units	N/a	**MCERTS**	8.1	7.6	7.6	7.4
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1
Free Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	**MCERTS**	205	268	252	189
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	**MCERTS**	0.20	0.27	0.25	0.19
Organic Matter (SOM)	%	< 0.1	**MCERTS**	6.5	6.1	7.2	0.7
Arsenic (As)	mg/kg	< 2	**MCERTS**	5	6	6	5
W/S Boron	mg/kg	< 1	NONE	1.3	1.2	1.2	1.7
Cadmium (Cd)	mg/kg	< 0.2	**MCERTS**	0.2	0.2	0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	**MCERTS**	15	10	11	10
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	**MCERTS**	27	27	27	24
Lead (Pb)	mg/kg	< 3	**MCERTS**	76	59	61	58
Mercury (Hg)	mg/kg	< 1	**MCERTS**	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	**MCERTS**	10	9	10	9
Selenium (Se)	mg/kg	< 2	**MCERTS**	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	**MCERTS**	12	12	13	11
Zinc (Zn)	mg/kg	< 3	**MCERTS**	54	57	60	53
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2

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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 25-03207	**~Date Sampled**	19/03/25	19/03/25	19/03/25	19/03/25	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst	**~TP / BH No**	D2-2	D4-2	D4-3	D4-13	
~Project / Job Ref: LKC201120	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: None Supplied	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 27/03/2025	**DETS Sample No**	769728	769729	769730	769731	

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	0.16	< 0.1	< 0.1	< 0.1	
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Acenaphthene	mg/kg	< 0.1	MCERTS	0.17	0.15	0.17	< 0.1	
Fluorene	mg/kg	< 0.1	MCERTS	0.15	< 0.1	< 0.1	< 0.1	
Phenanthrene	mg/kg	< 0.1	MCERTS	0.94	0.90	0.82	0.59	
Anthracene	mg/kg	< 0.1	MCERTS	0.20	0.18	0.18	0.13	
Fluoranthene	mg/kg	< 0.1	MCERTS	1.07	1.32	1.13	0.77	
Pyrene	mg/kg	< 0.1	MCERTS	1.03	1.26	1.11	0.73	
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.51	0.69	0.56	0.41	
Chrysene	mg/kg	< 0.1	MCERTS	0.45	0.55	0.49	0.35	
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.33	0.46	0.42	0.27	
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.14	0.14	
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.37	0.53	0.43	0.31	
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.17	0.28	0.22	0.14	
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.15	0.23	0.18	< 0.1	
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	5.7	6.6	5.8	3.8	

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Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 25-03207	**~Date Sampled**	19/03/25	19/03/25	19/03/25	19/03/25	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst	**~TP / BH No**	D2-2	D4-2	D4-3	D4-13	
~Project / Job Ref: LKC201120	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: None Supplied	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 27/03/2025	**DETS Sample No**	769728	769729	769730	769731	

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6 : HS_1D_MS_AL	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Aliphatic >C6 - C8 : HS_1D_MS_AL	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Aliphatic >C8 - C10 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Aliphatic >C10 - C12 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Aliphatic >C12 - C16 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	
Aliphatic >C16 - C21 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	
Aliphatic >C21 - C34 : EH_CU_1D_AL	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	
Aliphatic >C34 - C44 : EH_CU_1D_AL	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	
Aliphatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AL	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	
Aromatic >C5 - C7 : HS_1D_MS_AR	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	
Aromatic >C7 - C8 : HS_1D_MS_AR	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Aromatic >C8 - C10 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Aromatic >C10 - C12 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Aromatic >C12 - C16 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Aromatic >C16 - C21 : EH_CU_1D_AR	mg/kg	< 3	MCERTS	6	6	6	< 3	
Aromatic >C21 - C35 : EH_CU_1D_AR	mg/kg	< 10	MCERTS	< 10	14	< 10	< 10	
Aromatic >C35 - C44 : EH_CU_1D_AR	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	
Aromatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AR	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	
Total >C5 - C44 : HS_1D_MS+EH_CU_1D_Total	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42	

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Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 25-03207	**~Date Sampled**	19/03/25	19/03/25	19/03/25	19/03/25	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst	**~TP / BH No**	D2-2	D4-2	D4-3	D4-13	
~Project / Job Ref: LKC201120	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: None Supplied	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 27/03/2025	**DETS Sample No**	769728	769729	769730	769731	

Determinand	Unit	RL	Accreditation					
Benzene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Toluene : HS_1D_MS	µg/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	
Ethylbenzene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
p & m-xylene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
o-xylene : HS_1D_MS	µg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
MTBE : HS_1D_MS	µg/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	

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Soil Analysis Certificate - Sample Descriptions
DETS Report No: 25-03207
LK Consult Limited
~Site Reference: Collyhurst
~Project / Job Ref: LKC201120
~Order No: None Supplied
Reporting Date: 27/03/2025

DETS Sample No	~TP / BH No	~Additional Refs	~Depth (m)	Moisture Content (%)	Sample Matrix Description
769728	D2-2	None Supplied	None Supplied	24.2	Brown loamy sand
769729	D4-2	None Supplied	None Supplied	22.2	Brown loamy sand with stones
769730	D4-3	None Supplied	None Supplied	21.8	Brown loamy sand with vegetation
769731	D4-13	None Supplied	None Supplied	21.9	Brown loamy sand

Moisture content is part of procedure E003 & is not an accredited test

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MCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME
UKAS TESTING 4480

Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 25-03207

LK Consult Limited

~Site Reference: Collyhurst

~Project / Job Ref: LKC201120

~Order No: None Supplied

Reporting Date: 27/03/2025

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

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List of HWOL Acronyms and Operators
DETS Report No: 25-03207
LK Consult Limited
~Site Reference: Collyhurst
~Project / Job Ref: LKC201120
~Order No: None Supplied
Reporting Date: 27/03/2025

Acronym	**Description**
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
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total
~	Sample details provided by customer and can affect the validity of results

Benzene - HS_1D_MS
Ethylbenzene - HS_1D_MS
MTBE - HS_1D_MS
TPH - Aliphatic >C34 - C44 - raw data - EH_CU_1D_AL
TPH CWG - Aliphatic >C10 - C12 - EH_CU_1D_AL
TPH CWG - Aliphatic >C12 - C16 - EH_CU_1D_AL
TPH CWG - Aliphatic >C16 - C21 - EH_CU_1D_AL
TPH CWG - Aliphatic >C21 - C34 - EH_CU_1D_AL
TPH CWG - Aliphatic >C34 - C44 - EH_CU_1D_AL
TPH CWG - Aliphatic >C5 - C44 - HS_1D_MS+EH_CU_1D_AL
TPH CWG - Aliphatic >C5 - C6 - HS_1D_MS_AL
TPH CWG - Aliphatic >C6 - C8 - HS_1D_MS_AL
TPH CWG - Aliphatic >C8 - C10 - EH_CU_1D_AL
TPH CWG - Aromatic >C10 - C12 - EH_CU_1D_AR
TPH CWG - Aromatic >C12 - C16 - EH_CU_1D_AR
TPH CWG - Aromatic >C16 - C21 - EH_CU_1D_AR
TPH CWG - Aromatic >C21 - C35 - EH_CU_1D_AR
TPH CWG - Aromatic >C35 - C44 - EH_CU_1D_AR
TPH CWG - Aromatic >C5 - C44 - HS_1D_MS+EH_CU_1D_AR
TPH CWG - Aromatic >C5 - C7 - HS_1D_MS_AR
TPH CWG - Aromatic >C7 - C8 - HS_1D_MS_AR
TPH CWG - Aromatic >C8 - C10 - EH_CU_1D_AR
TPH CWG - Total >C5 - C44 - HS_1D_MS+EH_CU_1D_Total
Toluene - HS_1D_MS
m & p-xylene - HS_1D_MS
o-Xylene - HS_1D_MS

Certificate Key

Symbol	Description
F	Filtered sample
UF	Unfiltered sample
D	Dried sample
AR	As received sample
RL	Reporting limit
~	Sample details provided by customer and can affect the validity of results
M/S	Missing Sample
S	Subcontracted analysis
M	MCERTS accredited test
U	UKAS accredited test

Enclosed:
Laboratory Results – Soils
Generic Assessment Criteria – Soils

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
Metals	Inorganic Arsenic	N/A	37	40	49	640	79	168	DEFRA C4SL
	Beryllium	N/A	1.7	1.7	35	12	2.2	63	LQM S4UL
	Boron	N/A	290	11,000	45	240,000	21,000	46,000	LQM S4UL
	Cadmium	N/A	26	149	4.9	410	220	880	DEFRA C4SL
	Chromium (III)	N/A	910	910	18,000	8,600	1,500	33,000	LQM S4UL
	Chromium (VI)	N/A	21.0	21.0	170.0	49	23.0	250	DEFRA C4SL
	Copper	N/A	2,400	7,100	520	68,000	12,000	44,000	LQM S4UL
	Lead	N/A	200	310	80	2,330	630	1,300	DEFRA C4SL
	Elemental Mercury	N/A	1.2	1.2	21	58 (25.8) vap	16	30 (25.8) vap	LQM S4UL
	Inorganic Mercury	N/A	40	56	19	1,100	120	240	LQM S4UL
	Methylmercury	N/A	11	15	6.0	320	40	68	LQM S4UL
	Nickel (2015 update)	N/A	130	180	53	980	230	800	LQM S4UL
	Selenium	N/A	250	430	88	12,000	1,100	1,800	LQM S4UL
	Vanadium	N/A	410	1,200	91	9,000	2,000	5,000	LQM S4UL
	Zinc	N/A	3,700	40,000	620	730,000	81,000	170,000	LQM S4UL
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) sol	34	84,000 (57.0) sol	15,000	29,000	LQM S4UL
		2.5%	510	4,700 (141) sol	85	97,000 (141) sol	15,000	30,000	LQM S4UL
		6%	1,100	6,000 (336) sol	200	100,000	15,000	30,000	LQM S4UL
	Acenaphthylene	1%	170	2,900 (86.1) sol	28	83,000 (86.1) sol	15,000	29,000	LQM S4UL
		2.5%	420	4,600 (212) sol	69	97,000 (212) sol	15,000	30,000	LQM S4UL
		6%	920	6,000 (506) sol	160	100,000	15,000	30,000	LQM S4UL
	Anthracene	1%	2,400	31,000 (1.17) vap	380	520,000	74,000	150,000	LQM S4UL
		2.5%	5,400	35,000	950	540,000	74,000	150,000	LQM S4UL
		6%	11,000	37,000	2,200	540,000	74,000	150,000	LQM S4UL
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49	LQM S4UL
		2.5%	11	14	6.5	170	29	56	LQM S4UL
		6%	13	15	13	180	29	62	LQM S4UL
	Benzo(a)pyrene (only)	1%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		2.5%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		6%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
	Benzo(a)pyrene (surrogate marker Coal Tar)	1%	0.8	1.2	0.32	15	2.2	4	LQM S4UL
		2.5%	1.0	1.2	0.67	15	2.2	5	LQM S4UL
		6%	1.1	1.2	1.20	15	2.2	5	LQM S4UL
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13	LQM S4UL
		2.5%	3.3	4.0	2.1	44	7.2	15	LQM S4UL
		6%	3.7	4.0	3.9	45	7.2	16	LQM S4UL
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400	LQM S4UL
		2.5%	340	360	470	4,000	640	1,500	LQM S4UL
		6%	350	360	640	4,000	640	1,600	LQM S4UL
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370	LQM S4UL
		2.5%	93	110	75	1,200	190	410	LQM S4UL
		6%	100	110	130	1,200	190	440	LQM S4UL
	Chrysene	1%	15	30	4.1	350	57	93	LQM S4UL
		2.5%	22	31	9.4	350	57	110	LQM S4UL
		6%	27	32	19	350	57	120	LQM S4UL
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1	LQM S4UL
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3	LQM S4UL
		6%	0.3	0.32	0.43	3.6	0.58	1.4	LQM S4UL
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300	LQM S4UL
		2.5%	560	1,600	130	23,000	3,100	6,300	LQM S4UL
		6%	890	1,600	290	23,000	3,100	6,400	LQM S4UL
	Fluorene	1%	170	2,800 (36.0) sol	27	63,000 (30.9) sol	9,900	20,000	LQM S4UL
		2.5%	400	3,800 (76.5) sol	67	68,000	9,900	20,000	LQM S4UL
		6%	860	4,500 (183) sol	160	71,000	9,900	20,000	LQM S4UL
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150	LQM S4UL
		2.5%	36	46	21	510	82	170	LQM S4UL
		6%	41	46	39	510	82	180	LQM S4UL
	Naphthalene	1%	15	15	65	1,600*	11,000*	8,400*	DEFRA C4SL
		2.5%	36	36	130	3,700*	15,000*	17,00*	DEFRA C4SL
		6%	85	85	200	8,400*	1,200*	1,900*	DEFRA C4SL
	Phenanthrene	1%	95	1,300 (36.0) sol	15	22,000	3,100	6,200	LQM S4UL
		2.5%	220	1,500	38	22,000	3,100	6,200	LQM S4UL
		6%	440	1,500	90	22,000	3,100	6,300	LQM S4UL
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000	LQM S4UL
		2.5%	1,200	3,800	270	54,000	7,400	15,000	LQM S4UL
		6%	2,000	3,800	620	54,000	7,400	15,000	LQM S4UL
	Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	LQM S4UL
		2.5%	0.98	1.2	0.67	15	2.2	4.7	LQM S4UL
		6%	1.1	1.2	1.2	15	2.2	4.8	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
BTEX Compounds	Benzene	1%	0.87	0.38	0.017	27	72	90	LQM S4UL
		2.5%	0.17	0.70	0.034	47	72	100	LQM S4UL
		6%	0.37	1.4	0.075	90	73	110	LQM S4UL
	Toluene	1%	130	880 (869) vap	22	56,000 (869) vap	56,000	87,000 (869) vap	LQM S4UL
		2.5%	290	1,900	51	110,000 (1,920) vap	56,000	95,000 (1,920) vap	LQM S4UL
		6%	660	3,900	120	180,000 (4,360) vap	56,000	100,000 (4,360)	LQM S4UL
	Ethylbenzene	1%	47	83	16	5,700 (518) vap	24,000	17,000 (518) vap	LQM S4UL
		2.5%	110	190	39	13,000 (1,220) vap	24,000	22,000 (1,220) vap	LQM S4UL
		6%	260	440	91	27,000 (2,840) vap	25,000	27,000 (2,840) vap	LQM S4UL
	o-xylene	1%	60	88	28	6,600 (478) sol	41,000	17,000 (478) sol	LQM S4UL
		2.5%	140	210	67	15,000 (1,120) sol	42,000	24,000 (1,120) sol	LQM S4UL
		6%	330	480	160	33,000 (2,620) sol	43,000	33,000 (2,620) sol	LQM S4UL
	m-xylene	1%	59	82	31	6,200 (625) vap	41,000	17,000 (625) vap	LQM S4UL
		2.5%	140	190	74	14,000 (1,470) vap	42,000	24,000 (1,470) vap	LQM S4UL
		6%	320	450	170	31,000 (3,460) vap	43,000	32,000 (3,460) vap	LQM S4UL
	p-xylene	1%	56	79	29	5,900 (576) sol	41,000	17,000 (576) sol	LQM S4UL
		2.5%	130	180	69	14,000 (1,350) sol	42,000	23,000 (1,350) sol	LQM S4UL
		6%	310	430	160	30,000 (3,170) sol	43,000	31,000 (3,170) sol	LQM S4UL
Petroleum Hydroc	**Aliphatic**								
	EC 5-6	1%	42	42	730	3,200 (304) sol	570,000(304)sol	95,000 (304) sol	LQM S4UL
	EC>6-8	1%	100	100	2,300	7,800 (144) sol	600,000	150,000 (144) sol	LQM S4UL
	EC>8-10	1%	27	27	320	2,000 (78) sol	13,000	14,000 (78) vap	LQM S4UL
	EC>10-12	1%	130 (48) vap	130 (48) vap	2,200	9,700 (48) sol	13,000	21,000 (48) vap	LQM S4UL
	EC>12-16	1%	1,100 (24) sol	1,100 (24) sol	11,000	59,000 (24) sol	13,000	25,000 (24) sol	LQM S4UL
	EC>16-35	1%	65,000 (8.48)	65,000 (8.48) f ,sol	260,000 f	160,000 f	250,000 f	450,000 f	LQM S4UL
	EC>35-44	1%	65,000 (8.48)	65,000 (8.48) f ,sol	260,000 f	160,000 f	250,000 f	450,000 f	LQM S4UL
	Aliphatic								
	EC 5-6	2.5%	78	78	1,700	5,900 (558) sol	590,000	130,000 (558) sol	LQM S4UL
	EC>6-8	2.5%	230	230	5,600	17,000 (322) sol	610,000	220,000 (322) sol	LQM S4UL
	EC>8-10	2.5%	65	65	770	4,800 (190) vap	13,000	18,000 (190) vap	LQM S4UL
	EC>10-12	2.5%	330 (118) vap	330 (118) vap	4,400	23,000 (118) vap	13,000	23,000 (118) vap	LQM S4UL
	EC>12-16	2.5%	2,400 (59) sol	2,400 (59) sol	13,000	82,000 (59) sol	13,000	25,000 (59) sol	LQM S4UL
	EC>16-35	2.5%	92,000 (21)	92,000 (21) f ,sol	270,000 f	1,700,000 f	250,000 f	480,000 f	LQM S4UL
	EC>35-44	2.5%	92,000 (21)	92,000 (21) f ,sol	270,000 f	1,700,000 f	250,000 f	480,000 f	LQM S4UL
	Aliphatic								
	EC 5-6	6%	160	160	3,900	12,000 (1,150) sol	600,000	180,000 (1,150)	LQM S4UL
	EC>6-8	6%	530	530	13,000	40,000 (736) sol	620,000	320,000 (736) sol	LQM S4UL
	EC>8-10	6%	150	150	1,700	11,000 (451) vap	13,000	21,000 (451) vap	LQM S4UL
	EC>10-12	6%	760 (283) vap	760 (283) vap	7,300	47,000 (283) vap	13,000	24,000 (283) vap	LQM S4UL
	EC>12-16	6%	4,300 (142) sol	4,400 (142) sol	13,000	90,000 (142) sol	13,000	26,000 (142) sol	LQM S4UL
	EC>16-35	6%	110,000f	110,000f	270,000 f	1,800,000f	250,000 f	490,000 f	LQM S4UL
	EC>35-44	6%	110,000f	110,000f	270,000 f	1,800,000f	250,000 f	490,000 f	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	1%	70	370	13	26,000 (1,220) sol	56,000	76,000 (1,220) sol	LQM S4UL
	EC>7-8(toluene)	1%	130	860	22	56,000 (869) vap	56,000	87,000 (869) vap	LQM S4UL
	EC>8-10	1%	34	47	8.6	3,500 (613) vap	5,000	7,200 (613) vap	LQM S4UL
	EC>10-12	1%	74	250	13	16,000 (364) sol	5,000	9,200 (364) sol	LQM S4UL
	EC>12-16	1%	140	1,800	23	36,000 (169)sol	5,100	10,000	LQM S4UL
	EC>16-21	1%	260 f	1,900 f	46 f	28,000 f	3,800 f	7,600 f	LQM S4UL
	EC>21-35	1%	1,100 f	1,900 f	370 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	EC>35-44	1%	1,100 f	1,900 f	370f	28,000 f	3,800 f	7,800 f	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	2.5%	140	690	27	46,000 (2,260) sol	56,000	84,000 (2,260) sol	LQM S4UL
	EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) sol	56,000	95,000 (1,920) sol	LQM S4UL
	EC>8-10	2.5%	83	110	21	8,100 (1,500) vap	5,000	8,500 (1,500) vap	LQM S4UL
	EC>10-12	2.5%	180	590	31	28,000 (899) sol	5,000	9,700 (899) sol	LQM S4UL
	EC>12-16	2.5%	330	2,300 (419) sol	57	37,000	5,100	10,000	LQM S4UL
	EC>16-21	2.5%	540 f	1,900 f	110 f	28,000 f	3,800 f	7,700 f	LQM S4UL
	EC>21-35	2.5%	1,500 f	1,900 f	820 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	EC>35-44	2.5%	1,500 f	1,900 f	820 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	6%	300	1,400	57	86,000 (4,710) sol	56,000	92,000 (4,710) sol	LQM S4UL
	EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360)vap	56,000	100,000 (4,360)	LQM S4UL
	EC>8-10	6%	190	270	51	17,000 (3,580) vap	5,000	9,300 (3,580) vap	LQM S4UL
	EC>10-12	6%	380	1,200	4	34,000 (2,150) sol	5,000	10,000	LQM S4UL
	EC>12-16	6%	660	2,500	130	38,000	5,100	10,000	LQM S4UL
	EC>16-21	6%	930f	1,900 f	260 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	EC>21-35	6%	1,700 f	1,900 f	1,600 f	28,000 f	3,800 f	7,900 f	LQM S4UL
	EC>35-44	6%	1,700 f	1,900 f	1,600 f	28,000 f	3,800 f	7,900 f	LQM S4UL
	Aliphatic +Aromatic >EC44	1%	1,600 f	1,900 f	1,200 f	28,000 f	3,800 f	7,800 f	LQM S4UL
		2.5%	1,800 f	1,900 f	2,100 f	28,000 f	3,800 f	7,800 f	LQM S4UL
		6%	1,900 f	1,900 f	3,000 f	28,000 f	3,800 f	7,900 f	LQM S4UL

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
Chloalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	0.0071	0.0092	0.0046	0.67	29	21	LQM S4UL
		2.5%	0.0110	0.0130	0.0083	0.97	29	24	LQM S4UL
		6%	0.0190	0.0230	0.0160	1.7	29	28	LQM S4UL
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) vap	LQM S4UL
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) vap	LQM S4UL
		6%	39	40	240	3,000	140,000	100,000 (6,392)	LQM S4UL
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800	LQM S4UL
		2.5%	3.4	8.0	0.89	550	1,400	2,100	LQM S4UL
		6%	7.5	17	2.0	1,100	1,400	2,300	LQM S4UL
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500	LQM S4UL
		2.5%	2.8	3.5	1.9	250	1,400	1,800	LQM S4UL
		6%	6.4	8.2	4.4	560	1,400	2,100	LQM S4UL
	Tetrachloroethene (PCE)	1%	0.31	0.32	2.00	24	3,200	1400	DEFRA C4SL
		2.5%	0.70	0.71	4.8	55	3,300	1900	DEFRA C4SL
		6%	1.60	1.60	11.0	130	3,400	2,500	DEFRA C4SL
	Tetrachloromethane (carbon tetrachloride)	1%	0.03	0.03	0.45	2.9	890	190	LQM S4UL
		2.5%	0.06	0.06	1.0	6.3	920	270	LQM S4UL
		6%	0.13	0.13	2.4	14	950	400	LQM S4UL
	Trichloroethene (TCE)	1%	0.009	0.010	0.032	0.7	76.0	41.0	DEFRA C4SL
		2.5%	0.020	0.020	0.072	1.5	78.0	51.0	DEFRA C4SL
		6%	0.043	0.045	0.160	3.4	79.0	69.0	DEFRA C4SL
	cis 1,2-dichloroethene	1%	0.46	0.50	0.890	38	3,800	2,000	DEFRA C4SL
		2.5%	0.78	0.84	1.70	64	3,800	2,400	DEFRA C4SL
		6%	1.50	1.60	3.60	120	3,900	3,100	DEFRA C4SL
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600	LQM S4UL
		2.5%	1.7	2.1	0.83	170	2,500	2,800	LQM S4UL
		6%	3.4	4.2	1.7	350	2,500	3,100	LQM S4UL
	Trans-1,2 Dichloroethene	1%	0.9	0.9	3.7	69	13,000	5,600	DEFRA C4SL
		2.5%	1.6	1.7	7.5	120	13,000	7,000	DEFRA C4SL
		6%	3.3	3.4	16.0	260	13,000	9,100	DEFRA C4SL
	Chloroethene (vinyl chloride)	1%	0.006	0.015	0.0017	1.1E+00	7.8	18.0	DEFRA C4SL
		2.5%	0.010	0.019	0.0031	1.4E+00	7.8	19.0	DEFRA C4SL
		6%	0.017	0.029	0.0058	2.20	7.8	19.0	DEFRA C4SL
	2,4,6-Trinitritoluene (TNT)	1%	1.6	65	0.24	1,000	130	260	LQM S4UL
		2.5%	3.7	66	0.58	1,000	130	270	LQM S4UL
		6%	8.1	66	1.4	1,000	130	270	LQM S4UL
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) sol	LQM S4UL
		2.5%	250	13,000	38	210,000	26,000	51,000	LQM S4UL
		6%	540	13,000	85	210,000	27,000	53,000	LQM S4UL
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) vap	LQM S4UL
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) vap	LQM S4UL
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) vap	LQM S4UL
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30	LQM S4UL
		2.5%	6.6	7.4	6.1	170	18	31	LQM S4UL
		6%	7.1	7.5	9.8	170	18	31	LQM S4UL
	Dieldrin	1%	0.97	7.0	0.17	170	18	30	LQM S4UL
		2.5%	2.0	7.3	0.41	170	18	30	LQM S4UL
		6%	3.5	7.4	0.96	170	18	31	LQM S4UL
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300	LQM S4UL
		2.5%	7.8	620	1.2	9,400	1,200	2,400	LQM S4UL
		6%	17.4	620	2.7	9,400	1,200	2,400	LQM S4UL
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26	LQM S4UL
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26	LQM S4UL
		6%	0.14	6.6	2.2E-02	140	16	27	LQM S4UL
	Endosulfanns (2 isomers)	1%	7.4	160 (3.0E-03) vap	1.2	5,600 (3.0E-03) vap	1,200	2,300	LQM S4UL
		2.5%	18	280 (7.0E-03) vap	2.9	7,400 (7.0E-03) vap	1,200	2,400	LQM S4UL
		6%	41	410 (1.6E-02) vap	6.8	8,400 (1.6E-02) vap	1,200	2,500	LQM S4UL
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15	LQM S4UL
		2.5%	0.2	3.8	3.2E-02	65	8.1	15	LQM S4UL
		6%	0.46	3.8	7.7E-02	65	8.1	16	LQM S4UL
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) sol	LQM S4UL
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) sol	LQM S4UL
		6%	2.4	2.4	32	290	14,000	2,900	LQM S4UL
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) sol	90,000	24,000 (571) sol	LQM S4UL
		2.5%	55	57	230	4,800 (1,370) sol	95,000	36,000 (1,370) sol	LQM S4UL
		6%	130	130	540	11,000 (3,240) sol	98,000	51,000 (3,270) sol	LQM S4UL
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) vap	LQM S4UL
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) vap	LQM S4UL
		6%	15	15	320	1,300	19,000	4,000 (1,880) vap	LQM S4UL
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) vap	78	110 (39) vap	LQM S4UL
		2.5%	1.6	1.9	0.90	120 (98.1) vap	79	120	LQM S4UL
		6%	3.7	4.3	2.2	240 (235) vap	79	130	LQM S4UL
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) sol	100	190	LQM S4UL
		2.5%	12	30	3.1	770 (107) sol	100	190	LQM S4UL
		6%	22	38	7.0	830	100	190	LQM S4UL
	Hexachlorobenzene	1%	1.8 (0.20) vap	4.1 (0.20) vap	0.47	110 (0.20) vap	16	30	LQM S4UL
		2.5%	3.3 (0.50) vap	5.7 (0.50) vap	1.1	120	16	30	LQM S4UL
		6%	4.9	6.7 (1.2) vap	2.5	120	16	30	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 [g]	94	0.13 [g]	3,500	620	1,100	LQM S4UL
		2.5%	2.0	150	0.30	4,000	620	1,100	LQM S4UL
		6%	4.5	210	0.70	4,300	620	1,100	LQM S4UL
	Pentachlorophenol	1%	0.22	27 (16.4) [vap]	3.0E-02	400	60	110	LQM S4UL
		2.5%	0.52	29	8.0E-02	400	60	120	LQM S4UL
		6%	1.2	31	0.19	400	60	120	LQM S4UL
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300	LQM S4UL
		2.5%	0.29	0.29	10	22	11,000	1,900	LQM S4UL
		6%	0.62	0.62	23	47	11,000	2,700	LQM S4UL
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48	LQM S4UL
		2.5%	0.7	0.78	0.61	66	25	50	LQM S4UL
		6%	1.6	1.8	1.4	120	25	51	LQM S4UL
	Phenol	1%	120	440 (460)	23	440 [dir] (26,000)	440 [dir] (10,000)	440 [dir] (7,600)	LQM S4UL
		2.5%	200	690	42	690 [dir] (30,000)	690 [dir] (10,000)	690 [dir] (8,300)	LQM S4UL
		6%	380	1,200	83	1,300 [dir] (34,000)	1,300 [dir] (10,000)	1,300 [dir] (9,300)	LQM S4UL

sol/vap = solubility/vapour limit (potenitally use if free product identified, although highly conservative)
*=naphthalene C4SL exceeds the CLEA calculated soil saturation concentration (76 mg kg-1 for 1% SOM,
183 mg kg-1 for 2.5% SOM and 432 mg kg-1 for 6% SOM)
f = oral, dermal and inhalation exposures compared to oral HCV
dir = S4ULs based on threshold protective of direct skin contact with phenol)brackets long term exposure for illustration purposes)
g = derived based on 2,3,4-tetrachlorophenol

Appendix C – Subsoil Suitability Reports

SOIL VERIFICATION REPORT
Subsoil Suitability

Site Name	Collyhurst Village, Rochdale Road, Manchester	**Document Ref**	LKC 20 1120-SSR01-Site Won Subsoil Suitability Report R0
Developer	Dex Construction	**Material Source**	Site Won Subsoil
No. of Samples Tested	9 For Suite A. 15 for Asbestos Screen	**Material Volume (m³)**	850
Inspected By	AE / LGD	**Inspection Date**	04/10/24 & 11/11/24 – tested at site

Rationale

Sampling rates and sampling suites were specified in the Remediation Strategy by LKC (ref: CL-602-LKC 20 1120-04, dated January 2021) and comprised:

- **Subsoil:** Tested at a rate of 1 sample per 100m^3 (min. 3 per source). Site won subsoil was generated from natural strata >2m below original ground level and had not been subjected to what could be considered 'brownfield activity'. The soil was tested at a higher 'remediated' soil frequency as a conservative approach. It was considered too conservative to test the soil at a brownfield source frequency.
- **Analysis Suite A:** Arsenic, cadmium, total chromium, hexavalent chromium, copper, lead, zinc, selenium, nickel, mercury, USEPA PAH 16, asbestos identification, pH, water soluble sulphate and Soil Organic Matter (SOM).

Methodology

Composite samples were taken from the stockpile by hand auger following methodology presented in ISO 10381-8:2006 and collected in plastic tubs and amber jars and stored in ice packed coolboxes for same day collection by DETS. Soil results are enclosed.

Risk Assessment – Human Health

Remedial targets followed rationale described in the Remediation Strategy. Results and appropriate criteria are enclosed. Asbestos was identified in sample ref: SS105. A 100m^3 section of the stockpile was subsequently removed, and additional 15no. tests for asbestos were undertaken across the remaining stockpile. No asbestos was identified in any additional samples; therefore the contaminated result is considered to be anomalous. Results and waste disposal tickets are enclosed.





View of stockpile and general composition.

LKC has inspected the soil, tested the appropriate number of samples and carried out a generic risk assessment on the results. With regards to human health, LKC can confirm that the soil is 'suitable for use'.

Report Prepared By:	Hannah Moss	**Report Reviewed By**	Rachel Peart

DISCLAIMER

This report has been prepared by LKC who have exercised such professional skill, care and diligence as may reasonably be expected of a properly qualified and competent consultant experienced in preparing reports of a similar scope. However, to the extent that the report is based on or relies upon information contained in records, reports or other materials provided to LKC which have not been independently produced or verified, LKC gives no warranty, representation, or assurance as to the accuracy or completeness of such information.

This report is issued on the condition that LKC will not be held liable for any loss arising from ground conditions between sampling points (i.e. boreholes/trial pits/hand augers/surface samples) which have not been shown by the sampling points or related testing carried out during the investigation, nor for any loss arising from conditions below the maximum depth of the investigation, or for any works done to the garden areas following the date of inspection. Opinions on such conditions, where given, are for general guidance only.

Other works including inter alia hotspot removal, drainage, soil texture, nutrients, permitting, invasive species management and geotechnical requirements are out with this scope and should be dealt with by others.

This report is prepared solely for the benefit of the client named above. It may not be relied upon by or submitted to a third party for their reliance for the purposes of valuation, mortgage, insurance, and regulatory approval, until all invoices have been settled in full. Those using this information in subsequent assessments or evaluations do so at their own risk.

Enclosed:
Laboratory Results – Soils
Generic Assessment Criteria – Soils
Waste Disposal Tickets

Hannah Moss
LK Consult Limited
Unit 29 Eton Business Park
Eton Hill Road
Manchester
M26 2ZS

Normec DETS Limited
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410

DETS Report No: 24-11940

Site Reference:	Collyhurst Village, Manchester
Project / Job Ref:	LKC 20 2011
Order No:	PO-C000453
Sample Receipt Date:	08/10/2024
Sample Scheduled Date:	08/10/2024
Report Issue Number:	1
Reporting Date:	14/10/2024

Authorised by:

[redacted]

Steve Knight
Customer Support Manager

Dates of laboratory activities for each tested analyte are available upon request.

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Normec DETS Limited
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	04/10/24
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS101	SS102	SS103	SS104	SS105
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 14/10/2024	**DETS Sample No**	742630	742631	742632	742633	742634

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Detected
Sample Matrix (S)	Material Type	N/a	NONE					Amosite present as bundles
Asbestos Type (S)	PLM Result	N/a	ISO17025					Amosite
Asbestos Quantification (S)	%	< 0.001	ISO17025					< 0.001
pH	pH Units	N/a	MCERTS	8.5	8.3	8.3	8.4	8.5
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS	326	135	99	69	67
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS	0.33	0.14	0.10	0.07	0.07
Organic Matter (SOM)	%	< 0.1	MCERTS	4.4	2	2.3	2.2	2.7
Arsenic (As)	mg/kg	< 2	MCERTS	16	9	8	7	9
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.3	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	21	21	21	20	19
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	48	26	29	25	29
Lead (Pb)	mg/kg	< 3	MCERTS	131	23	30	19	40
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	25	28	28	26	25
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	24	22	22	21	20
Zinc (Zn)	mg/kg	< 3	MCERTS	102	55	58	51	62

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)
~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS106	SS107	SS108	SS109	
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 14/10/2024	**DETS Sample No**	742635	742636	742637	742638	

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	
Sample Matrix (S)	Material Type	N/a	NONE					
Asbestos Type (S)	PLM Result	N/a	ISO17025					
Asbestos Quantification (S)	%	< 0.001	ISO17025					
pH	pH Units	N/a	MCERTS	8.4	8.7	8.5	8.3	
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS	82	51	35	135	
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS	0.08	0.05	0.03	0.13	
Organic Matter (SOM)	%	< 0.1	MCERTS	1.8	2.2	1.8	2.2	
Arsenic (As)	mg/kg	< 2	MCERTS	7	10	9	10	
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	0.2	< 0.2	0.3	
Chromium (Cr)	mg/kg	< 2	MCERTS	23	21	21	22	
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	
Copper (Cu)	mg/kg	< 4	MCERTS	24	29	27	34	
Lead (Pb)	mg/kg	< 3	MCERTS	13	35	24	40	
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	
Nickel (Ni)	mg/kg	< 3	MCERTS	30	28	28	28	
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Vanadium (V)	mg/kg	< 1	MCERTS	23	22	22	23	
Zinc (Zn)	mg/kg	< 3	MCERTS	54	62	56	64	

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)
~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	04/10/24
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS101	SS102	SS103	SS104	SS105
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 14/10/2024	**DETS Sample No**	742630	742631	742632	742633	742634

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	0.15
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	0.73	< 0.1	0.43	0.12	1.08
Anthracene	mg/kg	< 0.1	MCERTS	0.15	< 0.1	< 0.1	< 0.1	0.22
Fluoranthene	mg/kg	< 0.1	MCERTS	0.85	< 0.1	0.48	0.15	1.50
Pyrene	mg/kg	< 0.1	MCERTS	0.78	< 0.1	0.45	0.15	1.41
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.42	< 0.1	0.21	< 0.1	0.58
Chrysene	mg/kg	< 0.1	MCERTS	0.37	< 0.1	0.24	< 0.1	0.69
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.31	< 0.1	0.15	< 0.1	0.49
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	0.19
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.35	< 0.1	0.17	< 0.1	0.57
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.16	< 0.1	< 0.1	< 0.1	0.25
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.12	< 0.1	< 0.1	< 0.1	0.21
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	4.3	< 1.6	2.1	< 1.6	7.3

~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS106	SS107	SS108	SS109	
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 14/10/2024	**DETS Sample No**	742635	742636	742637	742638	

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	0.15	< 0.1	< 0.1	
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.16	< 0.1	< 0.1	
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.16	< 0.1	< 0.1	
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6	

~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Sample Descriptions	
DETS Report No: 24-11940	
LK Consult Limited	
~Site Reference: Collyhurst Village, Manchester	
~Project / Job Ref: LKC 20 2011	
~Order No: PO-C000453	
Reporting Date: 14/10/2024	

DETS Sample No	~TP / BH No	~Additional Refs	~Depth (m)	Moisture Content (%)	Sample Matrix Description
742630	SS101	None Supplied	None Supplied	14.1	Brown sandy clay with stones and concrete
742631	SS102	None Supplied	None Supplied	12.1	Brown clay
742632	SS103	None Supplied	None Supplied	13	Brown clay
742633	SS104	None Supplied	None Supplied	13.5	Light brown clay
742634	SS105	None Supplied	None Supplied	12.6	Brown sandy clay with stones
742635	SS106	None Supplied	None Supplied	13.6	Brown clay
742636	SS107	None Supplied	None Supplied	14.3	Brown clay
742637	SS108	None Supplied	None Supplied	15.4	Brown clay
742638	SS109	None Supplied	None Supplied	13.2	Brown clay

Moisture content is part of procedure E003 & is not an accredited test
Insufficient Sample I/S
Unsuitable Sample U/S
~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 24-11940

LK Consult Limited

~Site Reference: Collyhurst Village, Manchester

~Project / Job Ref: LKC 20 2011

~Order No: PO-C000453

Reporting Date: 14/10/2024

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

~Sample details provided by customer and can affect the validity of results

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List of HWOL Acronyms and Operators
DETS Report No: 24-11940
LK Consult Limited
~Site Reference: Collyhurst Village, Manchester
~Project / Job Ref: LKC 20 2011
~Order No: PO-C000453
Reporting Date: 14/10/2024

Acronym	**Description**
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
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total
~	Sample details provided by customer and can affect the validity of results

Det - Acronym

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DETS Report No: 24-11940

Site Reference:	Collyhurst Village, Manchester
Project / Job Ref:	LKC 20 2011
Order No:	PO-C000453
Sample Receipt Date:	08/10/2024
Sample Scheduled Date:	08/10/2024
Report Issue Number:	1
Reporting Date:	14/10/2024

Authorised by:

[redacted]

Steve Knight
Customer Support Manager

Dates of laboratory activities for each tested analyte are available upon request.

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4480

Soil Analysis Certificate						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	04/10/24
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS101	SS102	SS103	SS104	SS105
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 14/10/2024	**DETS Sample No**	742630	742631	742632	742633	742634

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Detected
Sample Matrix (S)	Material Type	N/a	NONE					Amosite present as bundles
Asbestos Type (S)	PLM Result	N/a	ISO17025					Amosite
Asbestos Quantification (S)	%	< 0.001	ISO17025					< 0.001
pH	pH Units	N/a	MCERTS	8.5	8.3	8.3	8.4	8.5
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS	326	135	99	69	67
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS	0.33	0.14	0.10	0.07	0.07
Organic Matter (SOM)	%	< 0.1	MCERTS	4.4	2	2.3	2.2	2.7
Arsenic (As)	mg/kg	< 2	MCERTS	16	9	8	7	9
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.3	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	21	21	21	20	19
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	48	26	29	25	29
Lead (Pb)	mg/kg	< 3	MCERTS	131	23	30	19	40
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	25	28	28	26	25
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	24	22	22	21	20
Zinc (Zn)	mg/kg	< 3	MCERTS	102	55	58	51	62

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)
~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS106	SS107	SS108	SS109	
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 14/10/2024	**DETS Sample No**	742635	742636	742637	742638	

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	
Sample Matrix (S)	Material Type	N/a	NONE					
Asbestos Type (S)	PLM Result	N/a	ISO17025					
Asbestos Quantification (S)	%	< 0.001	ISO17025					
pH	pH Units	N/a	MCERTS	8.4	8.7	8.5	8.3	
W/S Sulphate as SO_4 (2:1)	mg/l	< 10	MCERTS	82	51	35	135	
W/S Sulphate as SO_4 (2:1)	g/l	< 0.01	MCERTS	0.08	0.05	0.03	0.13	
Organic Matter (SOM)	%	< 0.1	MCERTS	1.8	2.2	1.8	2.2	
Arsenic (As)	mg/kg	< 2	MCERTS	7	10	9	10	
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	0.2	< 0.2	0.3	
Chromium (Cr)	mg/kg	< 2	MCERTS	23	21	21	22	
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	
Copper (Cu)	mg/kg	< 4	MCERTS	24	29	27	34	
Lead (Pb)	mg/kg	< 3	MCERTS	13	35	24	40	
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	
Nickel (Ni)	mg/kg	< 3	MCERTS	30	28	28	28	
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	
Vanadium (V)	mg/kg	< 1	MCERTS	23	22	22	23	
Zinc (Zn)	mg/kg	< 3	MCERTS	54	62	56	64	

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)
~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	04/10/24
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS101	SS102	SS103	SS104	SS105
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 14/10/2024	**DETS Sample No**	742630	742631	742632	742633	742634

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	0.15
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	0.73	< 0.1	0.43	0.12	1.08
Anthracene	mg/kg	< 0.1	MCERTS	0.15	< 0.1	< 0.1	< 0.1	0.22
Fluoranthene	mg/kg	< 0.1	MCERTS	0.85	< 0.1	0.48	0.15	1.50
Pyrene	mg/kg	< 0.1	MCERTS	0.78	< 0.1	0.45	0.15	1.41
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.42	< 0.1	0.21	< 0.1	0.58
Chrysene	mg/kg	< 0.1	MCERTS	0.37	< 0.1	0.24	< 0.1	0.69
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.31	< 0.1	0.15	< 0.1	0.49
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	0.19
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.35	< 0.1	0.17	< 0.1	0.57
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.16	< 0.1	< 0.1	< 0.1	0.25
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.12	< 0.1	< 0.1	< 0.1	0.21
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	4.3	< 1.6	2.1	< 1.6	7.3

~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-11940	**~Date Sampled**	04/10/24	04/10/24	04/10/24	04/10/24	
LK Consult Limited	**~Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
~Site Reference: Collyhurst Village, Manchester	**~TP / BH No**	SS106	SS107	SS108	SS109	
~Project / Job Ref: LKC 20 2011	**~Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
~Order No: PO-C000453	**~Depth (m)**	None Supplied	None Supplied	None Supplied	None Supplied	
Reporting Date: 14/10/2024	**DETS Sample No**	742635	742636	742637	742638	

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	0.15	< 0.1	< 0.1	
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.16	< 0.1	< 0.1	
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.16	< 0.1	< 0.1	
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6	

~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Sample Descriptions	
DETS Report No: 24-11940	
LK Consult Limited	
~Site Reference: Collyhurst Village, Manchester	
~Project / Job Ref: LKC 20 2011	
~Order No: PO-C000453	
Reporting Date: 14/10/2024	

DETS Sample No	~TP / BH No	~Additional Refs	~Depth (m)	Moisture Content (%)	Sample Matrix Description
742630	SS101	None Supplied	None Supplied	14.1	Brown sandy clay with stones and concrete
742631	SS102	None Supplied	None Supplied	12.1	Brown clay
742632	SS103	None Supplied	None Supplied	13	Brown clay
742633	SS104	None Supplied	None Supplied	13.5	Light brown clay
742634	SS105	None Supplied	None Supplied	12.6	Brown sandy clay with stones
742635	SS106	None Supplied	None Supplied	13.6	Brown clay
742636	SS107	None Supplied	None Supplied	14.3	Brown clay
742637	SS108	None Supplied	None Supplied	15.4	Brown clay
742638	SS109	None Supplied	None Supplied	13.2	Brown clay

Moisture content is part of procedure E003 & is not an accredited test
Insufficient Sample I/S
Unsuitable Sample U/S
~Sample details provided by customer and can affect the validity of results

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Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 24-11940

LK Consult Limited

~Site Reference: Collyhurst Village, Manchester

~Project / Job Ref: LKC 20 2011

~Order No: PO-C000453

Reporting Date: 14/10/2024

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

~Sample details provided by customer and can affect the validity of results

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List of HWOL Acronyms and Operators
DETS Report No: 24-11940
LK Consult Limited
~Site Reference: Collyhurst Village, Manchester
~Project / Job Ref: LKC 20 2011
~Order No: PO-C000453
Reporting Date: 14/10/2024

Acronym	**Description**
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
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total
~	Sample details provided by customer and can affect the validity of results

Det - Acronym

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
Metals	Inorganic Arsenic	N/A	37	40	49	640	79	168	DEFRA C4SL
	Beryllium	N/A	1.7	1.7	35	12	2.2	63	LQM S4UL
	Boron	N/A	290	11,000	45	240,000	21,000	46,000	LQM S4UL
	Cadmium	N/A	26	149	4.9	410	220	880	DEFRA C4SL
	Chromium (III)	N/A	910	910	18,000	8,600	1,500	33,000	LQM S4UL
	Chromium (VI)	N/A	21.0	21.0	170.0	49	23.0	250	DEFRA C4SL
	Copper	N/A	2,400	7,100	520	68,000	12,000	44,000	LQM S4UL
	Lead	N/A	200	310	80	2,330	630	1,300	DEFRA C4SL
	Elemental Mercury	N/A	1.2	1.2	21	58 (25.8) vap	16	30 (25.8) vap	LQM S4UL
	Inorganic Mercury	N/A	40	56	19	1,100	120	240	LQM S4UL
	Methylmercury	N/A	11	15	6.0	320	40	68	LQM S4UL
	Nickel (2015 update)	N/A	130	180	53	980	230	800	LQM S4UL
	Selenium	N/A	250	430	88	12,000	1,100	1,800	LQM S4UL
	Vanadium	N/A	410	1,200	91	9,000	2,000	5,000	LQM S4UL
	Zinc	N/A	3,700	40,000	620	730,000	81,000	170,000	LQM S4UL
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) sol	34	84,000 (57.0) sol	15,000	29,000	LQM S4UL
		2.5%	510	4,700 (141) sol	85	97,000 (141) sol	15,000	30,000	LQM S4UL
		6%	1,100	6,000 (336) sol	200	100,000	15,000	30,000	LQM S4UL
	Acenaphthylene	1%	170	2,900 (86.1) sol	28	83,000 (86.1) sol	15,000	29,000	LQM S4UL
		2.5%	420	4,600 (212) sol	69	97,000 (212) sol	15,000	30,000	LQM S4UL
		6%	920	6,000 (506) sol	160	100,000	15,000	30,000	LQM S4UL
	Anthracene	1%	2,400	31,000 (1.17) vap	380	520,000	74,000	150,000	LQM S4UL
		2.5%	5,400	35,000	950	540,000	74,000	150,000	LQM S4UL
		6%	11,000	37,000	2,200	540,000	74,000	150,000	LQM S4UL
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49	LQM S4UL
		2.5%	11	14	6.5	170	29	56	LQM S4UL
		6%	13	15	13	180	29	62	LQM S4UL
	Benzo(a)pyrene (only)	1%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		2.5%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		6%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
	Benzo(a)pyrene (surrogate marker Coal Tar)	1%	0.8	1.2	0.32	15	2.2	4	LQM S4UL
		2.5%	1.0	1.2	0.67	15	2.2	5	LQM S4UL
		6%	1.1	1.2	1.20	15	2.2	5	LQM S4UL
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13	LQM S4UL
		2.5%	3.3	4.0	2.1	44	7.2	15	LQM S4UL
		6%	3.7	4.0	3.9	45	7.2	16	LQM S4UL
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400	LQM S4UL
		2.5%	340	360	470	4,000	640	1,500	LQM S4UL
		6%	350	360	640	4,000	640	1,600	LQM S4UL
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370	LQM S4UL
		2.5%	93	110	75	1,200	190	410	LQM S4UL
		6%	100	110	130	1,200	190	440	LQM S4UL
	Chrysene	1%	15	30	4.1	350	57	93	LQM S4UL
		2.5%	22	31	9.4	350	57	110	LQM S4UL
		6%	27	32	19	350	57	120	LQM S4UL
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1	LQM S4UL
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3	LQM S4UL
		6%	0.3	0.32	0.43	3.6	0.58	1.4	LQM S4UL
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300	LQM S4UL
		2.5%	560	1,600	130	23,000	3,100	6,300	LQM S4UL
		6%	890	1,600	290	23,000	3,100	6,400	LQM S4UL
	Fluorene	1%	170	2,800 (36.0) sol	27	63,000 (30.9) sol	9,900	20,000	LQM S4UL
		2.5%	400	3,800 (76.5) sol	67	68,000	9,900	20,000	LQM S4UL
		6%	860	4,500 (183) sol	160	71,000	9,900	20,000	LQM S4UL
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150	LQM S4UL
		2.5%	36	46	21	510	82	170	LQM S4UL
		6%	41	46	39	510	82	180	LQM S4UL
	Naphthalene	1%	15	15	65	1,600*	11,000*	8,400*	DEFRA C4SL
		2.5%	36	36	130	3,700*	15,000*	17,00*	DEFRA C4SL
		6%	85	85	200	8,400*	1,200*	1,900*	DEFRA C4SL
	Phenanthrene	1%	95	1,300 (36.0) sol	15	22,000	3,100	6,200	LQM S4UL
		2.5%	220	1,500	38	22,000	3,100	6,200	LQM S4UL
		6%	440	1,500	90	22,000	3,100	6,300	LQM S4UL
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000	LQM S4UL
		2.5%	1,200	3,800	270	54,000	7,400	15,000	LQM S4UL
		6%	2,000	3,800	620	54,000	7,400	15,000	LQM S4UL
	Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	LQM S4UL
		2.5%	0.98	1.2	0.67	15	2.2	4.7	LQM S4UL
		6%	1.1	1.2	1.2	15	2.2	4.8	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
BTEX Compounds	Benzene	1%	0.87	0.38	0.017	27	72	90	LQM S4UL
		2.5%	0.17	0.70	0.034	47	72	100	LQM S4UL
		6%	0.37	1.4	0.075	90	73	110	LQM S4UL
	Toluene	1%	130	880 (869) vap	22	56,000 (869) vap	56,000	87,000 (869) vap	LQM S4UL
		2.5%	290	1,900	51	110,000 (1,920) vap	56,000	95,000 (1,920) vap	LQM S4UL
		6%	660	3,900	120	180,000 (4,360) vap	56,000	100,000 (4,360)	LQM S4UL
	Ethylbenzene	1%	47	83	16	5,700 (518) vap	24,000	17,000 (518) vap	LQM S4UL
		2.5%	110	190	39	13,000 (1,220) vap	24,000	22,000 (1,220) vap	LQM S4UL
		6%	260	440	91	27,000 (2,840) vap	25,000	27,000 (2,840) vap	LQM S4UL
	o-xylene	1%	60	88	28	6,600 (478) sol	41,000	17,000 (478) sol	LQM S4UL
		2.5%	140	210	67	15,000 (1,120) sol	42,000	24,000 (1,120) sol	LQM S4UL
		6%	330	480	160	33,000 (2,620) sol	43,000	33,000 (2,620) sol	LQM S4UL
	m-xylene	1%	59	82	31	6,200 (625) vap	41,000	17,000 (625) vap	LQM S4UL
		2.5%	140	190	74	14,000 (1,470) vap	42,000	24,000 (1,470) vap	LQM S4UL
		6%	320	450	170	31,000 (3,460) vap	43,000	32,000 (3,460) vap	LQM S4UL
	p-xylene	1%	56	79	29	5,900 (576) sol	41,000	17,000 (576) sol	LQM S4UL
		2.5%	130	180	69	14,000 (1,350) sol	42,000	23,000 (1,350) sol	LQM S4UL
		6%	310	430	160	30,000 (3,170) sol	43,000	31,000 (3,170) sol	LQM S4UL
Petroleum Hydroc	**Aliphatic**								
	EC 5-6	1%	42	42	730	3,200 (304) sol	570,000(304)sol	95,000 (304) sol	LQM S4UL
	EC>6-8	1%	100	100	2,300	7,800 (144) sol	600,000	150,000 (144) sol	LQM S4UL
	EC>8-10	1%	27	27	320	2,000 (78) sol	13,000	14,000 (78) vap	LQM S4UL
	EC>10-12	1%	130 (48) vap	130 (48) vap	2,200	9,700 (48) sol	13,000	21,000 (48) vap	LQM S4UL
	EC>12-16	1%	1,100 (24) sol	1,100 (24) sol	11,000	59,000 (24) sol	13,000	25,000 (24) sol	LQM S4UL
	EC>16-35	1%	65,000 (8.48)	65,000 (8.48) f ,sol	260,000 f	160,000 f	250,000 f	450,000 f	LQM S4UL
	EC>35-44	1%	65,000 (8.48)	65,000 (8.48) f ,sol	260,000 f	160,000 f	250,000 f	450,000 f	LQM S4UL
	Aliphatic								
	EC 5-6	2.5%	78	78	1,700	5,900 (558) sol	590,000	130,000 (558) sol	LQM S4UL
	EC>6-8	2.5%	230	230	5,600	17,000 (322) sol	610,000	220,000 (322) sol	LQM S4UL
	EC>8-10	2.5%	65	65	770	4,800 (190) vap	13,000	18,000 (190) vap	LQM S4UL
	EC>10-12	2.5%	330 (118) vap	330 (118) vap	4,400	23,000 (118) vap	13,000	23,000 (118) vap	LQM S4UL
	EC>12-16	2.5%	2,400 (59) sol	2,400 (59) sol	13,000	82,000 (59) sol	13,000	25,000 (59) sol	LQM S4UL
	EC>16-35	2.5%	92,000 (21)	92,000 (21) f ,sol	270,000 f	1,700,000 f	250,000 f	480,000 f	LQM S4UL
	EC>35-44	2.5%	92,000 (21)	92,000 (21) f ,sol	270,000 f	1,700,000 f	250,000 f	480,000 f	LQM S4UL
	Aliphatic								
	EC 5-6	6%	160	160	3,900	12,000 (1,150) sol	600,000	180,000 (1,150)	LQM S4UL
	EC>6-8	6%	530	530	13,000	40,000 (736) sol	620,000	320,000 (736) sol	LQM S4UL
	EC>8-10	6%	150	150	1,700	11,000 (451) vap	13,000	21,000 (451) vap	LQM S4UL
	EC>10-12	6%	760 (283) vap	760 (283) vap	7,300	47,000 (283) vap	13,000	24,000 (283) vap	LQM S4UL
	EC>12-16	6%	4,300 (142) sol	4,400 (142) sol	13,000	90,000 (142) sol	13,000	26,000 (142) sol	LQM S4UL
	EC>16-35	6%	110,000f	110,000f	270,000 f	1,800,000f	250,000 f	490,000 f	LQM S4UL
	EC>35-44	6%	110,000f	110,000f	270,000 f	1,800,000f	250,000 f	490,000 f	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	1%	70	370	13	26,000 (1,220) sol	56,000	76,000 (1,220) sol	LQM S4UL
	EC>7-8(toluene)	1%	130	860	22	56,000 (869) vap	56,000	87,000 (869) vap	LQM S4UL
	EC>8-10	1%	34	47	8.6	3,500 (613) vap	5,000	7,200 (613) vap	LQM S4UL
	EC>10-12	1%	74	250	13	16,000 (364) sol	5,000	9,200 (364) sol	LQM S4UL
	EC>12-16	1%	140	1,800	23	36,000 (169)sol	5,100	10,000	LQM S4UL
	EC>16-21	1%	260 f	1,900 f	46 f	28,000 f	3,800 f	7,600 f	LQM S4UL
	EC>21-35	1%	1,100 f	1,900 f	370 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	EC>35-44	1%	1,100 f	1,900 f	370f	28,000 f	3,800 f	7,800 f	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	2.5%	140	690	27	46,000 (2,260) sol	56,000	84,000 (2,260) sol	LQM S4UL
	EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) sol	56,000	95,000 (1,920) sol	LQM S4UL
	EC>8-10	2.5%	83	110	21	8,100 (1,500) vap	5,000	8,500 (1,500) vap	LQM S4UL
	EC>10-12	2.5%	180	590	31	28,000 (899) sol	5,000	9,700 (899) sol	LQM S4UL
	EC>12-16	2.5%	330	2,300 (419) sol	57	37,000	5,100	10,000	LQM S4UL
	EC>16-21	2.5%	540 f	1,900 f	110 f	28,000 f	3,800 f	7,700 f	LQM S4UL
	EC>21-35	2.5%	1,500 f	1,900 f	820 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	EC>35-44	2.5%	1,500 f	1,900 f	820 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	6%	300	1,400	57	86,000 (4,710) sol	56,000	92,000 (4,710) sol	LQM S4UL
	EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360)vap	56,000	100,000 (4,360)	LQM S4UL
	EC>8-10	6%	190	270	51	17,000 (3,580) vap	5,000	9,300 (3,580) vap	LQM S4UL
	EC>10-12	6%	380	1,200	4	34,000 (2,150) sol	5,000	10,000	LQM S4UL
	EC>12-16	6%	660	2,500	130	38,000	5,100	10,000	LQM S4UL
	EC>16-21	6%	930f	1,900 f	260 f	28,000 f	3,800 f	7,800 f	LQM S4UL
	EC>21-35	6%	1,700 f	1,900 f	1,600 f	28,000 f	3,800 f	7,900 f	LQM S4UL
	EC>35-44	6%	1,700 f	1,900 f	1,600 f	28,000 f	3,800 f	7,900 f	LQM S4UL
	Aliphatic +Aromatic >EC44	1%	1,600 f	1,900 f	1,200 f	28,000 f	3,800 f	7,800 f	LQM S4UL
		2.5%	1,800 f	1,900 f	2,100 f	28,000 f	3,800 f	7,800 f	LQM S4UL
		6%	1,900 f	1,900 f	3,000 f	28,000 f	3,800 f	7,900 f	LQM S4UL

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
Chloalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	0.0071	0.0092	0.0046	0.67	29	21	LQM S4UL
		2.5%	0.0110	0.0130	0.0083	0.97	29	24	LQM S4UL
		6%	0.0190	0.0230	0.0160	1.7	29	28	LQM S4UL
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) vap	LQM S4UL
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) vap	LQM S4UL
		6%	39	40	240	3,000	140,000	100,000 (6,392)	LQM S4UL
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800	LQM S4UL
		2.5%	3.4	8.0	0.89	550	1,400	2,100	LQM S4UL
		6%	7.5	17	2.0	1,100	1,400	2,300	LQM S4UL
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500	LQM S4UL
		2.5%	2.8	3.5	1.9	250	1,400	1,800	LQM S4UL
		6%	6.4	8.2	4.4	560	1,400	2,100	LQM S4UL
	Tetrachloroethene (PCE)	1%	0.31	0.32	2.00	24	3,200	1400	DEFRA C4SL
		2.5%	0.70	0.71	4.8	55	3,300	1900	DEFRA C4SL
		6%	1.60	1.60	11.0	130	3,400	2,500	DEFRA C4SL
	Tetrachloromethane (carbon tetrachloride)	1%	0.03	0.03	0.45	2.9	890	190	LQM S4UL
		2.5%	0.06	0.06	1.0	6.3	920	270	LQM S4UL
		6%	0.13	0.13	2.4	14	950	400	LQM S4UL
	Trichloroethene (TCE)	1%	0.009	0.010	0.032	0.7	76.0	41.0	DEFRA C4SL
		2.5%	0.020	0.020	0.072	1.5	78.0	51.0	DEFRA C4SL
		6%	0.043	0.045	0.160	3.4	79.0	69.0	DEFRA C4SL
	cis 1,2-dichloroethene	1%	0.46	0.50	0.890	38	3,800	2,000	DEFRA C4SL
		2.5%	0.78	0.84	1.70	64	3,800	2,400	DEFRA C4SL
		6%	1.50	1.60	3.60	120	3,900	3,100	DEFRA C4SL
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600	LQM S4UL
		2.5%	1.7	2.1	0.83	170	2,500	2,800	LQM S4UL
		6%	3.4	4.2	1.7	350	2,500	3,100	LQM S4UL
	Trans-1,2 Dichloroethene	1%	0.9	0.9	3.7	69	13,000	5,600	DEFRA C4SL
		2.5%	1.6	1.7	7.5	120	13,000	7,000	DEFRA C4SL
		6%	3.3	3.4	16.0	260	13,000	9,100	DEFRA C4SL
	Chloroethene (vinyl chloride)	1%	0.006	0.015	0.0017	1.1E+00	7.8	18.0	DEFRA C4SL
		2.5%	0.010	0.019	0.0031	1.4E+00	7.8	19.0	DEFRA C4SL
		6%	0.017	0.029	0.0058	2.20	7.8	19.0	DEFRA C4SL
	2,4,6-Trinitritoluene (TNT)	1%	1.6	65	0.24	1,000	130	260	LQM S4UL
		2.5%	3.7	66	0.58	1,000	130	270	LQM S4UL
		6%	8.1	66	1.4	1,000	130	270	LQM S4UL
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) sol	LQM S4UL
		2.5%	250	13,000	38	210,000	26,000	51,000	LQM S4UL
		6%	540	13,000	85	210,000	27,000	53,000	LQM S4UL
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) vap	LQM S4UL
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) vap	LQM S4UL
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) vap	LQM S4UL
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30	LQM S4UL
		2.5%	6.6	7.4	6.1	170	18	31	LQM S4UL
		6%	7.1	7.5	9.8	170	18	31	LQM S4UL
	Dieldrin	1%	0.97	7.0	0.17	170	18	30	LQM S4UL
		2.5%	2.0	7.3	0.41	170	18	30	LQM S4UL
		6%	3.5	7.4	0.96	170	18	31	LQM S4UL
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300	LQM S4UL
		2.5%	7.8	620	1.2	9,400	1,200	2,400	LQM S4UL
		6%	17.4	620	2.7	9,400	1,200	2,400	LQM S4UL
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26	LQM S4UL
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26	LQM S4UL
		6%	0.14	6.6	2.2E-02	140	16	27	LQM S4UL
	Endosulfanns (2 isomers)	1%	7.4	160 (3.0E-03) vap	1.2	5,600 (3.0E-03) vap	1,200	2,300	LQM S4UL
		2.5%	18	280 (7.0E-03) vap	2.9	7,400 (7.0E-03) vap	1,200	2,400	LQM S4UL
		6%	41	410 (1.6E-02) vap	6.8	8,400 (1.6E-02) vap	1,200	2,500	LQM S4UL
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15	LQM S4UL
		2.5%	0.2	3.8	3.2E-02	65	8.1	15	LQM S4UL
		6%	0.46	3.8	7.7E-02	65	8.1	16	LQM S4UL
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) sol	LQM S4UL
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) sol	LQM S4UL
		6%	2.4	2.4	32	290	14,000	2,900	LQM S4UL
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) sol	90,000	24,000 (571) sol	LQM S4UL
		2.5%	55	57	230	4,800 (1,370) sol	95,000	36,000 (1,370) sol	LQM S4UL
		6%	130	130	540	11,000 (3,240) sol	98,000	51,000 (3,270) sol	LQM S4UL
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) vap	LQM S4UL
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) vap	LQM S4UL
		6%	15	15	320	1,300	19,000	4,000 (1,880) vap	LQM S4UL
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) vap	78	110 (39) vap	LQM S4UL
		2.5%	1.6	1.9	0.90	120 (98.1) vap	79	120	LQM S4UL
		6%	3.7	4.3	2.2	240 (235) vap	79	130	LQM S4UL
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) sol	100	190	LQM S4UL
		2.5%	12	30	3.1	770 (107) sol	100	190	LQM S4UL
		6%	22	38	7.0	830	100	190	LQM S4UL
	Hexachlorobenzene	1%	1.8 (0.20) vap	4.1 (0.20) vap	0.47	110 (0.20) vap	16	30	LQM S4UL
		2.5%	3.3 (0.50) vap	5.7 (0.50) vap	1.1	120	16	30	LQM S4UL
		6%	4.9	6.7 (1.2) vap	2.5	120	16	30	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 [g]	94	0.13 [g]	3,500	620	1,100	LQM S4UL
		2.5%	2.0	150	0.30	4,000	620	1,100	LQM S4UL
		6%	4.5	210	0.70	4,300	620	1,100	LQM S4UL
	Pentachlorophenol	1%	0.22	27 (16.4) [vap]	3.0E-02	400	60	110	LQM S4UL
		2.5%	0.52	29	8.0E-02	400	60	120	LQM S4UL
		6%	1.2	31	0.19	400	60	120	LQM S4UL
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300	LQM S4UL
		2.5%	0.29	0.29	10	22	11,000	1,900	LQM S4UL
		6%	0.62	0.62	23	47	11,000	2,700	LQM S4UL
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48	LQM S4UL
		2.5%	0.7	0.78	0.61	66	25	50	LQM S4UL
		6%	1.6	1.8	1.4	120	25	51	LQM S4UL
	Phenol	1%	120	440 (460)	23	440 [dir] (26,000)	440 [dir] (10,000)	440 [dir] (7,600)	LQM S4UL
		2.5%	200	690	42	690 [dir] (30,000)	690 [dir] (10,000)	690 [dir] (8,300)	LQM S4UL
		6%	380	1,200	83	1,300 [dir] (34,000)	1,300 [dir] (10,000)	1,300 [dir] (9,300)	LQM S4UL

sol/vap = solubility/vapour limit (potenitally use if free product identified, although highly conservative)
*=naphthalene C4SL exceeds the CLEA calculated soil saturation concentration (76 mg kg-1 for 1% SOM,
183 mg kg-1 for 2.5% SOM and 432 mg kg-1 for 6% SOM)
f = oral, dermal and inhalation exposures compared to oral HCV
dir = S4ULs based on threshold protective of direct skin contact with phenol)brackets long term exposure for illustration purposes)
g = derived based on 2,3,4-tetrachlorophenol

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TICKET NO. TSL 28202

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH 7 WOOD

ADDRESS OF PLACE OF DELIVERY ..... PAGET ST WILLAGE COLLYHURST.

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	7/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 X 8 W LOAD MUCK AWAY .....
DESCRIPTION OF MATERIALS BEING CARRIED EG LIMESTONE, SAND ETC.

REGD. NO ..... PV19 HXE ..... DRIVER/HAULIER [redacted] .....

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST [redacted] BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE T[redacted] THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED ..... DATE 7/11/24

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
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TICKET NO. TSL 37950

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... ALCH & WOOD

ADDRESS OF PLACE OF DELIVERY ..... PAGET VILLAGE, MER

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		7/4/26

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 x 8 W Loads muck Away

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... DN19 HSA ..... DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR [redacted] BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIA[redacted] THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED ..... DATE [redacted]

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

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TICKET NO. TSL 20077

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... Arch - ward .....

ADDRESS OF PLACE OF DELIVERY ..... Gate 4 .....
..... Colchester .....

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

[redacted]

QUARRY TICKET No.	DATE
	7-11-24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

waiting time 42 mins

DESCRIPTION ..... 1 x 8 wheel load of mud to tip .....
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... DO18 TGE ..... DRIVER/HAULIER ..... [redacted] .....

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED [redacted] ..... DATE .....

BLOCK CAPITALS [redacted] .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 57605

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE Arch + Wood

ADDRESS OF PLACE OF DELIVERY Collyhurst Village

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		7-11-24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE	1x8w	TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION Muck off site
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ND21AXO DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT (a) OR (b) DELETE WORDS INAPPLIABLE

SIGNED FOR O[redacted]

RECEIVED [redacted] DATE

BLOCK CAPITALS

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 57891

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE Arch and Wood

ADDRESS OF PLACE OF DELIVERY gate 4. Collyhurst Village M40 8JS.

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	7/11/24.

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE	1x8W	TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

Muck To White Head

DESCRIPTION Muck off Site
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PN15 [redacted] DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR [redacted]

DATE 7/11/24.

RECEIVED [redacted]

BLOCK CAPITALS [redacted]

DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 20080

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE Arch Wood

ADDRESS OF PLACE OF DELIVERY Gate 4 COCCH HUNSR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
MUCK		7-11-24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1x8 wheel load of muck collected
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO FOIS TOB DRIVER/HAULIER A Mons / JPTipper

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF [redacted] MENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE

SIGNED FOR AND ON BEHALF OF TYRONE [redacted] DATE

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 28209

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY ..... PAGET ST VILLAGE, COLLYHURST MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	8/4/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 x 8 W LOAD - MUCK AWAY

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... AN99 HSA ..... DRIVER/HAULIER ..... [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEY [redacted]
BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE B
THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED ..... DATE 8/4/24

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 57897

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... Arch and Wood .....

ADDRESS OF PLACE OF DELIVERY ..... gate 4 Collyhurst Village .....

.....

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		8/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE	1×8W	TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

Muck To Whitemoor

DESCRIPTION ..... Muck off Site .....

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... PV15 DCT ..... DRIVER/HAULIER [redacted] .....

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A S[redacted] WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPL[redacted]

SIGNED FOR ON BEHALF OF TYRONE STONE LT[redacted] .....

RECEIVED [redacted] ..... DATE .....

BLOCK CAPITALS [redacted] .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 51378

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ARCH + WOOD

ADDRESS OF PLACE OF DELIVERY GATE 4 COLCHURST VILLAGE

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	08 11 24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1X 8 W LORRY MUCK TO TIP

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO TIG FWX DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR [redacted]

RECEIVED [redacted] DATE

BLOCK CAPI [redacted]

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 57895

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE Arch and moor.

ADDRESS OF PLACE OF DELIVERY gate 4 Colly Hurst Village

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		8/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE	1×8W	TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

Muck To White Moor.

DESCRIPTION Muck off Site [redacted]
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PN15 DCJ DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE [redacted] THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- [redacted] EMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS

SIGNED FOR [redacted]

RECEIVED [redacted] DATE

BLOCK CAPITALS [redacted]

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 51380

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH + WOOD

ADDRESS OF PLACE OF DELIVERY ..... GATE 4 COMMERCE VILLAGE

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		08 11 24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1X8 W LOAD MUCK TO TIP

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... T19FMX ..... DRIVER/HAULIER .....

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED ..... DATE .....

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 28207

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY ..... PAGET ST VILLAGE, GOLLYHURST MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	8/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 x 8 W Load MUCK AWAY

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... PN19 HSA DRIVER/HAULIER ..... [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THER[redacted] THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED ..... DATE 8/11/24

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 ~~Front~~ Rear.

TICKET NO. TSL 47405

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ARCH 8 WOOD

ADDRESS OF PLACE OF DELIVERY PAGET ST COLLYHURST VILL, MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	22/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 W Load Muck Away

DESCRIPTION OF MATERIALS BEING CARRIED EG-LIMESTONE, SAND ETC.

REGD. NO DN19 8JA DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE TH[redacted] THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD.....

RECEIVED..... DATE .....

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 Rear

TICKET NO. TSL 47403

CONVEYANCE NOTE
FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

ALL IN BLOCK LETTERS

CONSIGNEE ARCHWOOD

ADDRESS OF PLACE OF DELIVERY PAGET ST COLLYHURST VILL, MCR

LOADED AT SITE

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	21/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 A & W LOAD MUCK AWAY

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO FN19 FLR DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

[redacted]

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED ..... DATE .....

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

P3 Rear

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 28250

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY ..... PAGE ST COLLYHURST VILL, M C2

LOADED AT SITE

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		21/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 x 8 W Load muck Away

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... DN19 RSA ..... DRIVER/HAULIE [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD ..... [redacted]

RECEIVED ..... DATE 21/11/24

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 Read.

TICKET NO. TSL 28248

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY ..... PACEY ST COLLYHURST VILLE, M40

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	21/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 x 8 W Loam MUCK AWAY
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... DN19 RBA ..... DRIVER/HAULIER ..... [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WE [redacted] NT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD ..... [redacted]

RECEIVED ..... DATE 21/11/24

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

D3 Rear

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 51925

CONVEYANCE NOTE

FORM B (WEIGHT)

PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE Arch 2 Wood

ADDRESS OF PLACE OF DELIVERY Gate 3/4 COWLHURST

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

[redacted]

QUARRY TICKET No.	DATE
	20-11-24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 wheel load of mulch to tip

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO 1018 1615 DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD

RECEIVED [redacted] DATE

BLOCK CAPITALS [redacted]

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 Rear

TICKET NO. TSL 51927

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

ALL IN BLOCK LETTERS

CONSIGNEE Archer Wood

ADDRESS OF PLACE OF DELIVERY CAT G 3 COLCHESTER

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

[redacted]

QUARRY TICKET No.	DATE
	20.11.24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1x8 wheel load of mulch to tip

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PO18 TGG DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD.....

RECEIVED [redacted] DATE .....

BLOCK CAPITALS [redacted]

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 Rev

TICKET NO. TSL 28232

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

ALL IN BLOCK LETTERS

CONSIGNEE ARCH X WOOD

ADDRESS OF PLACE OF DELIVERY PAGET ST, COLLYHURST VILL, MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	18/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 W LOAD MUCK AWAY

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO [redacted] DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEREOF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEREOF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD [redacted]

RECEIVED ..... DATE 18/11/24

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 Rear

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 28227

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY PAGETS ST COLLYHURST VILLAGE, M40

LOADED AT SITE

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		18/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 W Load muck Away

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PN19 HSA DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

[redacted]

SIGNED FOR ON BEHALF OF TYRONE STONE LTD

RECEIVED DATE

BLOCK CAPITALS

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 Rew

TICKET NO. TSL 28229

CONVEYANCE NOTE

FORM B (WEIGHT)

PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

ALL IN BLOCK LETTERS

CONSIGNEE ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY PAGET ST COLLYHURST VILL, M CR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

GATE 3

QUARRY TICKET No.	DATE
	18/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 W LOAD MUCK AWAY

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PN19 HSA DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST B[redacted]
BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE TH[redacted]
THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD .....

RECEIVED ..... DATE 18/11/24

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

03 Rew

TICKET NO. TSL 51905

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

ALL IN BLOCK LETTERS

CONSIGNEE Arch 2 Wood

ADDRESS OF PLACE OF DELIVERY Gate 3 Coray Hurst

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

[redacted]

QUARRY TICKET No.	DATE
	18 11. 24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1x 8 wheel load of MUCK to tip
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ?018 TGB DRIVER/HAULIE [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF: (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELET[redacted]NAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRON[redacted]E LTD

RECEIVED [redacted] DATE

BLOCK CAPITALS

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

D3 Rev.

TICKET NO. TSL 28224

CONVEYANCE NOTE

FORM B (WEIGHT)

PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY ..... PAGET ST COLLYHURST VILL, MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		18/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 x 8 W Load muck away

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... PN19 RJO ..... DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD ..... [redacted]

RECEIVED ..... DATE .....

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 47413

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY PAGET ST COLLYHURST VILL, MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	22/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 W Load Muck Away
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PN19 RSA DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR T[redacted] THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD [redacted]

RECEIVED ..... DATE 22/11/24

BLOCK CAPITALS .....

STOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 47411

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ASH & WOOD

ADDRESS OF PLACE OF DELIVERY PAGET ST COLLYHURST VILL, MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	22/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 W Load Made Ankly.

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PN19 PSA DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD [redacted]

RECEIVED ..... DATE .....

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 47409

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY PAGET ST, COLLYHURST VILL, MCR

LOADED AT SITE

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

QUARRY TICKET No.	DATE
	22/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1 x 8 W LOAD MACK AWAY
DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO PN19 HSA DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT, (a) OR (b) DELETE WORDS INAPPLIABLE.

[redacted]

SIGNED FOR ON BEHALF OF TYRONE STONE LTD

RECEIVED DATE

BLOCK CAPITALS

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 47407

CONVEYANCE NOTE

FORM B (WEIGHT)

PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE ..... ARCH & WOOD

ADDRESS OF PLACE OF DELIVERY ..... PAGET ST COLLYHURST VILLAGE, MCR

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

	QUARRY TICKET No.	DATE
		22/11/24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING AM PM	
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION ..... 1 x 8 W LOAD MCR AWAY

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO ..... DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD ..... [redacted]

RECEIVED ..... DATE .....

BLOCK CAPITALS .....

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

TICKET NO. TSL 51934

CONVEYANCE NOTE

FORM B (WEIGHT)
PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

LL IN BLOCK LETTERS

ONSIGNEE Arch & Wall

DRESS OF PLACE DELIVERY Gate 4 COCUM HURST

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

[redacted]

QUARRY TICKET No.	DATE
	22-11-24

VEIGHT LE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
GHT LE		TIME ON SITE	
NETT		TIME OFF SITE	

ON 1x 8 wheel load of MUCK to tip

N OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

POTATOES DRIVER/HAULIER [redacted]

T THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR NG SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

ON BEHALF OF TYRONE STONE LTD

[redacted] DATE

RING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

TYRONE STONE LTD

SPECIALIST BUILDING MATERIALS
SUPPLIERS OF QUARRIED/RECYCLED MATERIALS SINCE 1966

TYRONE STONE LTD, TYRONE HOUSE, 144 NANGREAVE ROAD, STOCKPORT SK2 6DG
TEL: 0161 483 8700 (ORDERS/SALES) FAX: 0161 483 6400
E-MAIL: enquiries@tyronestone.co.uk WEBSITE: www.tyronestone.co.uk

D3 REAR

TICKET NO. TSL 51932

CONVEYANCE NOTE

FORM B (WEIGHT)

PRESCRIBED BY THE BOARD OF TRADE UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT 1936

ALL IN BLOCK LETTERS

CONSIGNEE Arch & Wall

ADDRESS OF PLACE OF DELIVERY CAT 04 COLCHESTER

LOADED AT

SITUATION OF NEAREST AVAILABLE WEIGHING INSTRUMENT TO PLACE WHERE VEHICLE WAS LOADED.

[redacted]

QUARRY TICKET No.	DATE
	22.11.24

GROSS WEIGHT OF VEHICLE AT WEIGH BRIDGE		TIME OF LOADING	AM PM
TARE WEIGHT OF VEHICLE		TIME ON SITE	
NETT		TIME OFF SITE	

DESCRIPTION 1x 8 wheel load 4 mix to tip

DESCRIPTION OF MATERIALS BEING CARRIED EG. LIMESTONE, SAND ETC.

REGD. NO POSTGG DRIVER/HAULIER [redacted]

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE SAND OR BALLAST BEING CONVEYED IN THE VEHICLE DESCRIBED, WHICH SAND OR BALLAST IS BEING SO CONVEYED IN PURSUANCE OF:- (a) A SALE AGREEMENT FOR THE SALE THEROF MADE BY WEIGHT (b) AN AGREEMENT FOR THE CARRIAGE THEROF MADE BY WEIGHT. (a) OR (b) DELETE WORDS INAPPLIABLE.

SIGNED FOR ON BEHALF OF TYRONE STONE LTD

RECEIVED [redacted] DATE

BLOCK CAPITALS

CUSTOMER ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RESPONSIBILITY

Appendix D – Generic Assessment Criteria

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
Metals	Inorganic Arsenic	N/A	37	40	49	640	79	168	DEFRA C4SL
	Beryllium	N/A	1.7	1.7	35	12	2.2	63	LQM S4UL
	Boron	N/A	290	11,000	45	240,000	21,000	46,000	LQM S4UL
	Cadmium	N/A	26	149	4.9	410	220	880	DEFRA C4SL
	Chromium (III)	N/A	910	910	18,000	8,600	1,500	33,000	LQM S4UL
	Chromium (VI)	N/A	21.0	21.0	170.0	49	23.0	250	DEFRA C4SL
	Copper	N/A	2,400	7,100	520	68,000	12,000	44,000	LQM S4UL
	Lead	N/A	200	310	80	2,330	630	1,300	DEFRA C4SL
	Elemental Mercury	N/A	1.2	1.2	21	58 (25.8) ^{vap}	16	30 (25.8) ^{vap}	LQM S4UL
	Inorganic Mercury	N/A	40	56	19	1,100	120	240	LQM S4UL
	Methylmercury	N/A	11	15	6.0	320	40	68	LQM S4UL
	Nickel	N/A	130	180	53	980	230	800	LQM S4UL
	Selenium	N/A	250	430	88	12,000	1,100	1,800	LQM S4UL
	Vanadium	N/A	410	1,200	91	9,000	2,000	5,000	LQM S4UL
	Zinc	N/A	3,700	40,000	620	730,000	81,000	170,000	LQM S4UL
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) ^{sol}	34	84,000 (57.0) ^{sol}	15,000	29,000	LQM S4UL
		2.5%	510	4,700 (141) ^{sol}	85	97,000 (141) ^{sol}	15,000	30,000	LQM S4UL
		6%	1,100	6,000 (336) ^{sol}	200	100,000	15,000	30,000	LQM S4UL
	Acenaphthylene	1%	170	2,900 (86.1) ^{sol}	28	83,000 (86.1) ^{sol}	15,000	29,000	LQM S4UL
		2.5%	420	4,600 (212) ^{sol}	69	97,000 (212) ^{sol}	15,000	30,000	LQM S4UL
		6%	920	6,000 (506) ^{sol}	160	100,000	15,000	30,000	LQM S4UL
	Anthracene	1%	2,400	31,000 (1.17) ^{vap}	380	520,000	74,000	150,000	LQM S4UL
		2.5%	5,400	35,000	950	540,000	74,000	150,000	LQM S4UL
		6%	11,000	37,000	2,200	540,000	74,000	150,000	LQM S4UL
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49	LQM S4UL
		2.5%	11	14	6.5	170	29	56	LQM S4UL
		6%	13	15	13	180	29	62	LQM S4UL
	Benzo(a)pyrene (only)	1%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		2.5%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		6%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
	Benzo(a)pyrene (surrogate marker Coal Tar)	1%	0.8	1.2	0.32	15	2.2	4	LQM S4UL
		2.5%	1.0	1.2	0.67	15	2.2	5	LQM S4UL
		6%	1.1	1.2	1.20	15	2.2	5	LQM S4UL
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13	LQM S4UL
		2.5%	3.3	4.0	2.1	44	7.2	15	LQM S4UL
		6%	3.7	4.0	3.9	45	7.2	16	LQM S4UL
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400	LQM S4UL
		2.5%	340	360	470	4,000	640	1,500	LQM S4UL
		6%	350	360	640	4,000	640	1,600	LQM S4UL
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370	LQM S4UL
		2.5%	93	110	75	1,200	190	410	LQM S4UL
		6%	100	110	130	1,200	190	440	LQM S4UL
	Chrysene	1%	15	30	4.1	350	57	93	LQM S4UL
		2.5%	22	31	9.4	350	57	110	LQM S4UL
		6%	27	32	19	350	57	120	LQM S4UL
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1	LQM S4UL
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3	LQM S4UL
		6%	0.3	0.32	0.43	3.6	0.58	1.4	LQM S4UL
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300	LQM S4UL
		2.5%	560	1,600	130	23,000	3,100	6,300	LQM S4UL
		6%	890	1,600	290	23,000	3,100	6,400	LQM S4UL
	Fluorene	1%	170	2,800 (36.0) ^{sol}	27	63,000 (30.9) ^{sol}	9,900	20,000	LQM S4UL
		2.5%	400	3,800 (76.5) ^{sol}	67	68,000	9,900	20,000	LQM S4UL
		6%	860	4,500 (183) ^{sol}	160	71,000	9,900	20,000	LQM S4UL
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150	LQM S4UL
		2.5%	36	46	21	510	82	170	LQM S4UL
		6%	41	46	39	510	82	180	LQM S4UL
	Naphthalene	1%	15	15	65	1600 f	11000 f	800 f	C4SL
		2.5%	36	36	130	3700 f	15000 f	1200 f	C4SL
		6%	85	85	200	8400 f	17000 f	1900 f	C4SL
	Phenanthrene	1%	95	1,300 (36.0) ^{sol}	15	22,000	3,100	6,200	LQM S4UL
		2.5%	220	1,500	38	22,000	3,100	6,200	LQM S4UL
		6%	440	1,500	90	22,000	3,100	6,300	LQM S4UL
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000	LQM S4UL
		2.5%	1,200	3,800	270	54,000	7,400	15,000	LQM S4UL
		6%	2,000	3,800	620	54,000	7,400	15,000	LQM S4UL
	Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	LQM S4UL
		2.5%	0.98	1.2	0.67	15	2.2	4.7	LQM S4UL
		6%	1.1	1.2	1.2	15	2.2	4.8	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
BTEX Compounds	Benzene	1%	0.087	0.38	0.017	27	72	90	LQM S4UL
		2.5%	0.17	0.70	0.034	47	72	100	LQM S4UL
		6%	0.37	1.4	0.075	90	73	110	LQM S4UL
		6%	0.87	3.3	0.180	98	140	230	C4SL
	Toluene	1%	130	880 (869) [vap]	22	56,000 (869) [vap]	56,000	87,000 (869) [vap]	LQM S4UL
		2.5%	290	1,900	51	110,000 (1,920) [vap]	56,000	95,000 (1,920) [vap]	LQM S4UL
		6%	660	3,900	120	180,000 (4,360) [vap]	56,000	100,000 (4,360)	LQM S4UL
	Ethylbenzene	1%	47	83	16	5,700 (518) [vap]	24,000	17,000 (518) [vap]	LQM S4UL
		2.5%	110	190	39	13,000 (1,220) [vap]	24,000	22,000 (1,220) [vap]	LQM S4UL
		6%	260	440	91	27,000 (2,840) [vap]	25,000	27,000 (2,840) [vap]	LQM S4UL
	o-xylene	1%	60	88	28	6,600 (478) [sol]	41,000	17,000 (478) [sol]	LQM S4UL
		2.5%	140	210	67	15,000 (1,120) [sol]	42,000	24,000 (1,120) [sol]	LQM S4UL
		6%	330	480	160	33,000 (2,620) [sol]	43,000	33,000 (2,620) [sol]	LQM S4UL
	m-xylene	1%	59	82	31	6,200 (625) [vap]	41,000	17,000 (625) [vap]	LQM S4UL
		2.5%	140	190	74	14,000 (1,470) [vap]	42,000	24,000 (1,470) [vap]	LQM S4UL
		6%	320	450	170	31,000 (3,460) [vap]	43,000	32,000 (3,460) [vap]	LQM S4UL
	p-xylene	1%	56	79	29	5,900 (576) [sol]	41,000	17,000 (576) [sol]	LQM S4UL
		2.5%	130	180	69	14,000 (1,350) [sol]	42,000	23,000 (1,350) [sol]	LQM S4UL
		6%	310	430	160	30,000 (3,170) [sol]	43,000	31,000 (3,170) [sol]	LQM S4UL
Petroleum Hydrocarbons	**Aliphatic**								
	EC 5-6	1%	42	42	730	3,200 (304) [sol]	570,000(304)[sol]	95,000 (304) [sol]	LQM S4UL
	EC>6-8	1%	100	100	2,300	7,800 (144) [sol]	600,000	150,000 (144) [sol]	LQM S4UL
	EC>8-10	1%	27	27	320	2,000 (78) [sol]	13,000	14,000 (78) [vap]	LQM S4UL
	EC>10-12	1%	130 (48) [vap]	130 (48) [vap]	2,200	9,700 (48) [sol]	13,000	21,000 (48) [vap]	LQM S4UL
	EC>12-16	1%	1,100 (24) [sol]	1,100 (24) [sol]	11,000	59,000 (24) [sol]	13,000	25,000 (24) [sol]	LQM S4UL
	EC>16-35	1%	65,000 (8.48)	65,000 (8.48) [f,sol]	260,000 [f]	160,000 [f]	250,000 [f]	450,000 [f]	LQM S4UL
	EC>35-44	1%	65,000 (8.48)	65,000 (8.48) [f,sol]	260,000 [f]	160,000 [f]	250,000 [f]	450,000 [f]	LQM S4UL
	Aliphatic								
	EC 5-6	2.5%	78	78	1,700	5,900 (558) [sol]	590,000	130,000 (558) [sol]	LQM S4UL
	EC>6-8	2.5%	230	230	5,600	17,000 (322) [sol]	610,000	220,000 (322) [sol]	LQM S4UL
	EC>8-10	2.5%	65	65	770	4,800 (190) [vap]	13,000	18,000 (190) [vap]	LQM S4UL
	EC>10-12	2.5%	330 (118) [vap]	330 (118) [vap]	4,400	23,000 (118) [vap]	13,000	23,000 (118) [vap]	LQM S4UL
	EC>12-16	2.5%	2,400 (59) [sol]	2,400 (59) [sol]	13,000	82,000 (59) [sol]	13,000	25,000 (59) [sol]	LQM S4UL
	EC>16-35	2.5%	92,000 (21)	92,000 (21) [f,sol]	270,000 [f]	1,700,000 [f]	250,000 [f]	480,000 [f]	LQM S4UL
	EC>35-44	2.5%	92,000 (21)	92,000 (21) [f,sol]	270,000 [f]	1,700,000 [f]	250,000 [f]	480,000 [f]	LQM S4UL
	Aliphatic								
	EC 5-6	6%	160	160	3,900	12,000 (1,150) [sol]	600,000	180,000 (1,150)	LQM S4UL
	EC>6-8	6%	530	530	13,000	40,000 (736) [sol]	620,000	320,000 (736) [sol]	LQM S4UL
	EC>8-10	6%	150	150	1,700	11,000 (451) [vap]	13,000	21,000 (451) [vap]	LQM S4UL
	EC>10-12	6%	760 (283) [vap]	760 (283) [vap]	7,300	47,000 (283) [vap]	13,000	24,000 (283) [vap]	LQM S4UL
	EC>12-16	6%	4,300 (142) [sol]	4,400 (142) [sol]	13,000	90,000 (142) [sol]	13,000	26,000 (142) [sol]	LQM S4UL
	EC>16-35	6%	110,000 [f]	110,000 [f]	270,000 [f]	1,800,000 [f]	250,000 [f]	490,000 [f]	LQM S4UL
	EC>35-44	6%	110,000 [f]	110,000 [f]	270,000 [f]	1,800,000 [f]	250,000 [f]	490,000 [f]	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	1%	70	370	13	26,000 (1,220) [sol]	56,000	76,000 (1,220) [sol]	LQM S4UL
	EC>7-8(toluene)	1%	130	860	22	56,000 (869) [vap]	56,000	87,000 (869) [vap]	LQM S4UL
	EC>8-10	1%	34	47	8.6	3,500 (613) [vap]	5,000	7,200 (613) [vap]	LQM S4UL
	EC>10-12	1%	74	250	13	16,000 (364) [sol]	5,000	9,200 (364) [sol]	LQM S4UL
	EC>12-16	1%	140	1,800	23	36,000 (169) [sol]	5,100	10,000	LQM S4UL
	EC>16-21	1%	260 [f]	1,900 [f]	46 [f]	28,000 [f]	3,800 [f]	7,600 [f]	LQM S4UL
	EC>21-35	1%	1,100 [f]	1,900 [f]	370 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	EC>35-44	1%	1,100 [f]	1,900 [f]	370 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	2.5%	140	690	27	46,000 (2,260) [sol]	56,000	84,000 (2,260) [sol]	LQM S4UL
	EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) [sol]	56,000	95,000 (1,920) [sol]	LQM S4UL
	EC>8-10	2.5%	83	110	21	8,100 (1,500) [vap]	5,000	8,500 (1,500) [vap]	LQM S4UL
	EC>10-12	2.5%	180	590	31	28,000 (899) [sol]	5,000	9,700 (899) [sol]	LQM S4UL
	EC>12-16	2.5%	330	2,300 (419) [sol]	57	37,000	5,100	10,000	LQM S4UL
	EC>16-21	2.5%	540 [f]	1,900 [f]	110 [f]	28,000 [f]	3,800 [f]	7,700 [f]	LQM S4UL
	EC>21-35	2.5%	1,500 [f]	1,900 [f]	820 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	EC>35-44	2.5%	1,500 [f]	1,900 [f]	820 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	Aromatic								
	EC5-7(benzene as non-	6%	300	1,400	57	86,000 (4,710) [sol]	56,000	92,000 (4,710) [sol]	LQM S4UL
	EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360)[vap]	56,000	100,000 (4,360)	LQM S4UL
	EC>8-10	6%	190	270	51	17,000 (3,580) [vap]	5,000	9,300 (3,580) [vap]	LQM S4UL
	EC>10-12	6%	380	1,200	4	34,000 (2,150) [sol]	5,000	10,000	LQM S4UL
	EC>12-16	6%	660	2,500	130	38,000	5,100	10,000	LQM S4UL
	EC>16-21	6%	930 [f]	1,900 [f]	260 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
	EC>21-35	6%	1,700 [f]	1,900 [f]	1,600 [f]	28,000 [f]	3,800 [f]	7,900 [f]	LQM S4UL
	EC>35-44	6%	1,700 [f]	1,900 [f]	1,600 [f]	28,000 [f]	3,800 [f]	7,900 [f]	LQM S4UL
	Aliphatic +Aromatic >EC44	1%	1,600 [f]	1,900 [f]	1,200 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
		2.5%	1,800 [f]	1,900 [f]	2,100 [f]	28,000 [f]	3,800 [f]	7,800 [f]	LQM S4UL
		6%	1,900 [f]	1,900 [f]	3,000 [f]	28,000 [f]	3,800 [f]	7,900 [f]	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
Chloalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	0.11	0.16	0.05	12.0	300	300	DEFRA C4SL
		2.5%	0.18	0.24	0.10	17.0	310	330	DEFRA C4SL
		6%	0.31	0.41	0.19	29.0	310	330	DEFRA C4SL
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) ^{vap}	LQM S4UL
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) ^{vap}	LQM S4UL
		6%	39	40	240	3,000	140,000	100,000 (6,392)	LQM S4UL
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800	LQM S4UL
		2.5%	3.4	8.0	0.89	550	1,400	2,100	LQM S4UL
		6%	7.5	17	2.0	1,100	1,400	2,300	LQM S4UL
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500	LQM S4UL
		2.5%	2.8	3.5	1.9	250	1,400	1,800	LQM S4UL
		6%	6.4	8.2	4.4	560	1,400	2,100	LQM S4UL
	Tetrachloroethene (PCE)	1%	0.31	0.32	2.00	24	3,200	1400	DEFRA C4SL
		2.5%	0.70	0.71	4.8	55	3,300	1900	DEFRA C4SL
		6%	1.60	1.60	11.0	130	3,400	2,500	DEFRA C4SL
	Tetrachloromethane (carbon tetrachloride)	1%	0.03	0.03	0.45	2.9	890	190	LQM S4UL
		2.5%	0.06	0.06	1.0	6.3	920	270	LQM S4UL
		6%	0.13	0.13	2.4	14	950	400	LQM S4UL
	Trichloroethene (TCE)	1%	0.009	0.010	0.032	0.7	76.0	41.0	DEFRA C4SL
		2.5%	0.020	0.020	0.072	1.5	78.0	51.0	DEFRA C4SL
		6%	0.043	0.045	0.160	3.4	79.0	69.0	DEFRA C4SL
	cis 1,2-dichloroethene	1%	0.46	0.50	0.890	38	3,800	2,000	DEFRA C4SL
		2.5%	0.78	0.84	1.70	64	3,800	2,400	DEFRA C4SL
		6%	1.50	1.60	3.60	120	3,900	3,100	DEFRA C4SL
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600	LQM S4UL
		2.5%	1.7	2.1	0.83	170	2,500	2,800	LQM S4UL
		6%	3.4	4.2	1.7	350	2,500	3,100	LQM S4UL
	Trans-1,2 Dichloroethene	1%	0.9	0.9	3.7	69	13,000	5,600	DEFRA C4SL
		2.5%	1.6	1.7	7.5	120	13,000	7,000	DEFRA C4SL
		6%	3.3	3.4	16.0	260	13,000	9,100	DEFRA C4SL
	Chloroethene (vinyl chloride)	1%	0.006	0.015	0.0017	1.1E+00	7.8	18.0	DEFRA C4SL
		2.5%	0.010	0.019	0.0031	1.4E+00	7.8	19.0	DEFRA C4SL
		6%	0.017	0.029	0.0058	2.20	7.8	19.0	DEFRA C4SL
	2,4,6-Trinitritoluene (TNT)	1%	1.6	65	0.24	1,000	130	260	LQM S4UL
		2.5%	3.7	66	0.58	1,000	130	270	LQM S4UL
		6%	8.1	66	1.4	1,000	130	270	LQM S4UL
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) ^{sol}	LQM S4UL
		2.5%	250	13,000	38	210,000	26,000	51,000	LQM S4UL
		6%	540	13,000	85	210,000	27,000	53,000	LQM S4UL
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) ^{vap}	LQM S4UL
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) ^{vap}	LQM S4UL
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) ^{vap}	LQM S4UL
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30	LQM S4UL
		2.5%	6.6	7.4	6.1	170	18	31	LQM S4UL
		6%	7.1	7.5	9.8	170	18	31	LQM S4UL
	Dieldrin	1%	0.97	7.0	0.17	170	18	30	LQM S4UL
		2.5%	2.0	7.3	0.41	170	18	30	LQM S4UL
		6%	3.5	7.4	0.96	170	18	31	LQM S4UL
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300	LQM S4UL
		2.5%	7.8	620	1.2	9,400	1,200	2,400	LQM S4UL
		6%	17.4	620	2.7	9,400	1,200	2,400	LQM S4UL
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26	LQM S4UL
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26	LQM S4UL
		6%	0.14	6.6	2.2E-02	140	16	27	LQM S4UL
	Endosulfanns (2 isomers)	1%	7.4	160 (3.0E-03) ^{vap}	1.2	5,600 (3.0E-03) ^{vap}	1,200	2,300	LQM S4UL
		2.5%	18	280 (7.0E-03) ^{vap}	2.9	7,400 (7.0E-03) ^{vap}	1,200	2,400	LQM S4UL
		6%	41	410 (1.6E-02) ^{vap}	6.8	8,400 (1.6E-02) ^{vap}	1,200	2,500	LQM S4UL
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15	LQM S4UL
		2.5%	0.2	3.8	3.2E-02	65	8.1	15	LQM S4UL
		6%	0.46	3.8	7.7E-02	65	8.1	16	LQM S4UL
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) ^{sol}	LQM S4UL
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) ^{sol}	LQM S4UL
		6%	2.4	2.4	32	290	14,000	2,900	LQM S4UL
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) ^{sol}	90,000	24,000 (571) ^{sol}	LQM S4UL
		2.5%	55	57	230	4,800 (1,370) ^{sol}	95,000	36,000 (1,370) ^{sol}	LQM S4UL
		6%	130	130	540	11,000 (3,240) ^{sol}	98,000	51,000 (3,270) ^{sol}	LQM S4UL
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) ^{vap}	LQM S4UL
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) ^{vap}	LQM S4UL
		6%	15	15	320	1,300	19,000	4,000 (1,880) ^{vap}	LQM S4UL
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) ^{vap}	78	110 (39) ^{vap}	LQM S4UL
		2.5%	1.6	1.9	0.90	120 (98.1) ^{vap}	79	120	LQM S4UL
		6%	3.7	4.3	2.2	240 (235) ^{vap}	79	130	LQM S4UL
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) ^{sol}	100	190	LQM S4UL
		2.5%	12	30	3.1	770 (107) ^{sol}	100	190	LQM S4UL
		6%	22	38	7.0	830	100	190	LQM S4UL
	Hexachlorobenzene	1%	1.8 (0.20) ^{vap}	4.1 (0.20) ^{vap}	0.47	110 (0.20) ^{vap}	16	30	LQM S4UL
		2.5%	3.3 (0.50) ^{vap}	5.7 (0.50) ^{vap}	1.1	120	16	30	LQM S4UL
		6%	4.9	6.7 (1.2) ^{vap}	2.5	120	16	30	LQM S4UL

Generic Assessment Criteria Values

	Contaminant	SOM	Res +	Res -	Allot.	Comm.	^{POS}resi	^{POS}park	Source
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 [g]	94	0.13 [g]	3,500	620	1,100	LQM S4UL
		2.5%	2.0	150	0.30	4,000	620	1,100	LQM S4UL
		6%	4.5	210	0.70	4,300	620	1,100	LQM S4UL
	Pentachlorophenol	1%	0.22	27 (16.4) [vap]	3.0E-02	400	60	110	LQM S4UL
		2.5%	0.52	29	8.0E-02	400	60	120	LQM S4UL
		6%	1.2	31	0.19	400	60	120	LQM S4UL
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300	LQM S4UL
		2.5%	0.29	0.29	10	22	11,000	1,900	LQM S4UL
		6%	0.62	0.62	23	47	11,000	2,700	LQM S4UL
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48	LQM S4UL
		2.5%	0.7	0.78	0.61	66	25	50	LQM S4UL
		6%	1.6	1.8	1.4	120	25	51	LQM S4UL
	Phenol	1%	120	440 (460)	23	440 [dir] (26,000)	440 [dir] (10,000)	440 [dir] (7,600)	LQM S4UL
		2.5%	200	690	42	690 [dir] (30,000)	690 [dir] (10,000)	690 [dir] (8,300)	LQM S4UL
		6%	380	1,200	83	1,300 [dir] (34,000)	1,300 [dir] (10,000)	1,300 [dir] (9,300)	LQM S4UL

sol/vap = solubility/vapour limit (potentially use if free product identified, although highly conservative)
f=naphthalene is based on comparison of inhalation exposure with TDI(inhal) for localised effect
f = oral, dermal and inhalation exposures compared to oral HCV
dir = S4ULs based on threshold protective of direct skin contact with phenol)brackets long term exposure for illustration purposes)
g = derived based on 2,3,4-tetrachlorophenol

Appendix E – References

[1] DCL (2021). “National Planning Policy Framework.” Department of Communities and Local Government.

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