

Site: Fairfield Road, Droylsden
Date: 28th November 2023
LKC Ref.: LKC 20 1761-D1



COVER SYSTEM EXCAVATION VALIDATION REPORT

1 INTRODUCTION

LK Consult Ltd (LKC) has been commissioned by J Greenwood (Builders) Ltd to provide a Validation Report for the excavation of cover systems at the Fairfield Road, Droylsden residential development site. The site location, boundary and proposed development are shown on Figures 1, 2 and 3 respectively.

The following reports have been undertaken for the site:

- Final Phase 2 Geo-Environmental Investigation, Risk Assessment and Remediation Strategy, undertaken by LKC (Ref: LKC 19 1024-02 R3, dated March 2022).
- Additional Phase 2 Geo-Environmental Investigation, Risk Assessment and Remediation Strategy, undertaken by LKC (Ref: LKC 20 1761-01 R1, dated March 2022).
- Additional Risk Assessment and Updated Remediation Strategy Report, undertaken by LKC (Ref: LKC 20 1761-B1, dated 24th August 2023).

As recommended in the Phase 2 Site Investigation reports, an environmental cover system comprising 600mm clean inert fill over geotextile membrane in rear gardens and 300mm clean inert fill over geotextile membrane in front gardens and areas of soft landscaping was installed at the site.

LKC was informed by the previous contractors at the site that first generation quarried material was laid beneath the topsoil in Plots 45-48 and the rear gardens of Plots 49-60. LKC did not receive any source information for the material used and testing was therefore undertaken, which is detailed in Section 2.

The subsoil laid in Plots 45-48, the rear gardens of Plots 49-60, front gardens of Plots 51-53 and the area of shared soft landscaping adjacent to the rear garden of Plot 48 were found to contain elevated contaminants and LKC requested that the material is removed. The purpose of this Validation Report is to provide photographic evidence that the material has been excavated from the gardens and to provide Waste Transfer Notes to prove that the material was removed from site.

2 TESTING OF MATERIAL USED IN COVER SYSTEMS

LKC attended site on 5th August 2022 to collect samples of the subsoil in Plots 45-48. LKC attended site on 7th July 2023 and 21st July 2023 to collect samples of the subsoil in Plots 49-60. LKC attended site on 27th September 2023 to collect samples of the subsoil in the area of shared soft landscaping adjacent to the rear garden of Plot 48.

Soil samples of approximately 500g were recovered in amber jars and plastic tubs. All the samples were labelled and stored in cool boxes prior to being collected by courier at the end of the day for delivery to the DETS laboratory in Maidstone for chemical testing. If collection was not possible the same day then samples were stored in the sample storage fridge at the

LK Group offices below 4°C. Samples were tracked using appropriate Chain of Custody forms provided by DETS.

All of the contamination tests are MCERTS accredited and further details are given in the Certificate of Analysis presented in Appendix A. The testing undertaken is summarised in Table 2-1 below. The plot locations are shown on Figure 3.

Contaminants	No. Samples	Location	Justification
Metals / metalloids, pH, water soluble sulphate, speciated PAHs, SOM and asbestos screen.	14	Plot 51 Front SS Plot 52 Front SS Plot 53 Front SS Plot 60 Front SS Plot 55 Front TS Plot 56 Front TS Plot 57 Front TS Plot 59 Front TS Plot 45 SS1 Plot 46 SS2 Plot 47 SS2 Plot 48 SS1 SS201 SS202	Basic suite undertaken on subsoil in a selection of front gardens of Plots 49-60 and the rear gardens of Plots 45-48. Plots 54-60 front gardens comprised predominantly topsoil therefore basic suite tested on Plots 55-59 topsoil. Basic suite also undertaken on 2no. samples from the area of shared soft landscaping adjacent to the rear garden of Plot 48 (SS201-SS202).
Metals / metalloids, pH, sulphate, cyanide suite, TPHCWG, BTEX, MTBE, speciated PAHs, phenol, and hardness.	13	SS101 (P49 rear) SS102 (P50 front) SS103 (P51 rear) SS105 (P55 rear) SS106 (P56 rear) SS107 (P58 rear) SS108 (P54 front) SS109 (P58 front) SS115 (P60 rear) Plot 45 SS2 Plot 46 SS1 Plot 47 SS1 Plot 48 SS2	Detailed suite undertaken on subsoil in Plots 45-48 rear gardens and on subsoil in a selection of rear / front gardens in Plots 49-60.

Table 2-1. Summary of soil sample testing undertaken.

Notes: If asbestos present during screen identification and quantification will be undertaken.

Metal/metalloids=arsenic, cadmium, chromium, (total and hexavalent), copper, lead, mercury, nickel, selenium, vanadium, zinc, and boron; TPHCWG=carbon banded and aromatic/aliphatic split petroleum hydrocarbons; PAH=polycyclic aromatic hydrocarbons, BTEX=benzene, toluene, ethylbenzene, and xylenes; MTBE=Methyl tert-butyl ether, SOM=Soil Organic Matter.

It should be noted that the rear gardens of Plots 52, 53 and 54 are flagged and no tested was undertaken in these plots.

When compared to residential with plant uptake criteria, elevated contaminants were identified in the subsoil tested from Plots 45-48, the subsoil in the rear gardens of Plots 49-60 (excluding Plots 52, 53 and 54 which are flagged), the front gardens of Plots 51-53 and the area of shared soft landscaping adjacent to the rear garden of Plot 48. LKC advised that the material (subsoil and topsoil) was excavated out and removed from site. The front gardens of Plots 49-50 and 54-60 comprised predominantly topsoil and did not contain any elevated contaminants, LKC advised that the material in these plots can remain in place. The certificates of analysis are presented on Appendix A and relevant assessment criteria is included in Appendix B.

3 EXCAVATION OF COVER SYSTEMS

The cover system soils in Plots 45-48 front and rear gardens, Plots 49-60 rear gardens (excluding Plot 52, 53 and 54) and Plots 51-53 front gardens were excavated between August 2023 and October 2023. The cover system soils in the area of shared soft landscaping adjacent to the rear garden of Plot 48 were excavated in November 2023. LKC attended site on several occasions to supervise the excavation of cover system soils and to ensure the material was stockpiled on Visqueen away from any other areas of soft landscaping. The soils were excavated down to the geotextile membrane, stockpiled on Visqueen in an area of hardstanding in the east of the site and removed from site. Photographs of the excavations are provided in Appendix C, and Waste Transfer Notes are provided in Appendix D.

4 SUMMARY CONCLUSIONS

The cover system soils in Plots 45-48 front and rear gardens, Plots 49-60 rear gardens (excluding Plot 52, 53 and 54), Plots 51-53 front gardens the area of shared soft landscaping adjacent to the rear garden of Plot 48 which contained elevated contaminants were excavated and stockpiled on site. LKC attended site on several occasions to supervise the excavation of cover system soils and to ensure the material was stockpiled on Visqueen away from any other areas of soft landscaping. LKC did not observe any other unexpected contamination during the excavation of the cover system soils.

Report prepared by:

**Ella Mcleod
Geo-Environmental Consultant**

Report checked by:

**Catherine Baranek
Associate Director**

Enc:

Figures

Appendix A: Certificates of Analysis

Appendix B: Generic Assessment Criteria

Appendix C: Photographs of Excavations

Appendix D: Waste Transfer Notes

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. This report is prepared solely for the benefit of J Greenwood (Builders) Ltd. 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.

Figures

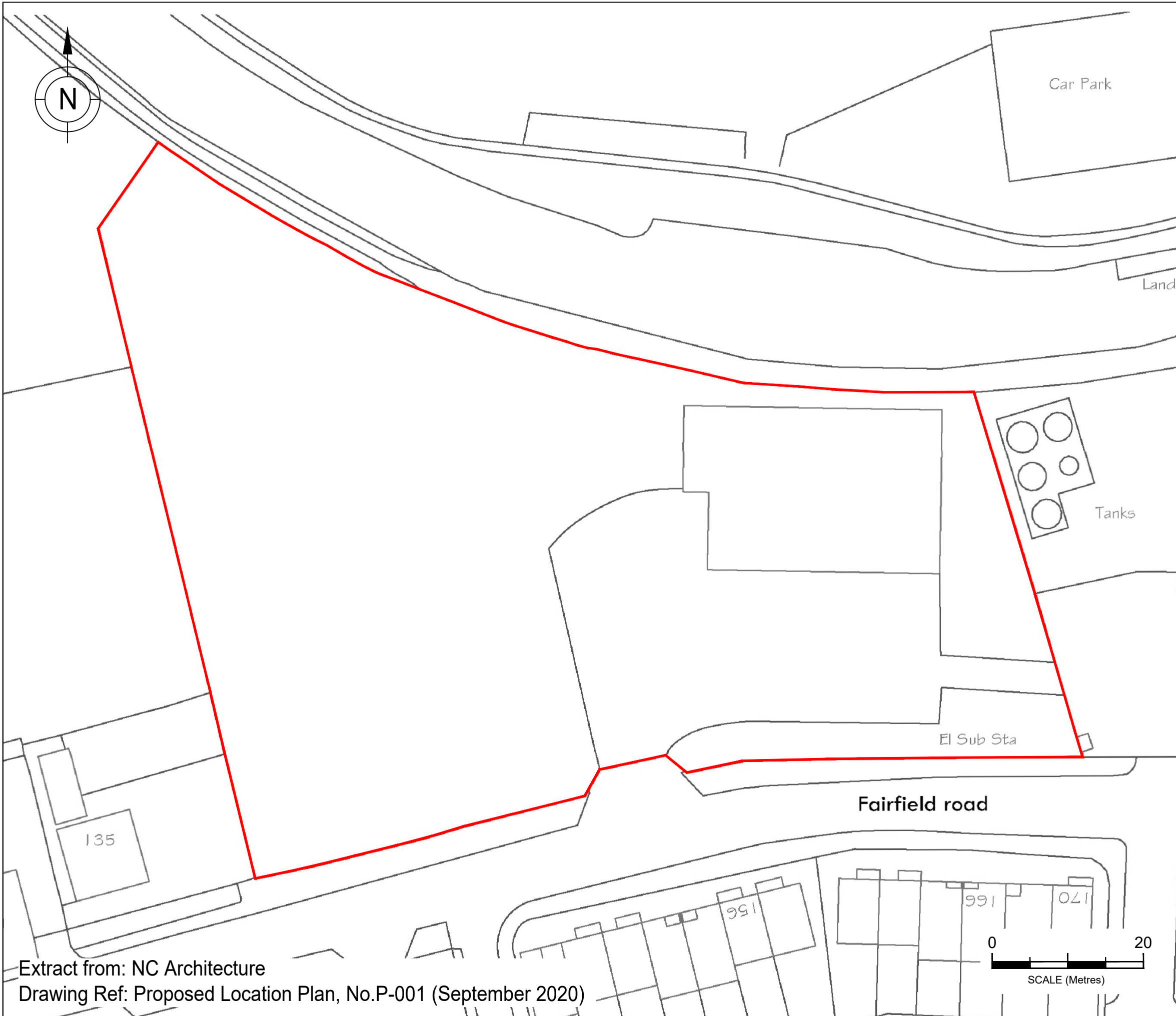


Contains Ordnance Survey data © Crown copyright and database right 2010

Figure 1: Site Location Plan, Fairfield Road, Droylsden

Drawn: February 2019 Scale: 1:25,000 @ A4 (see scale bar)





KEY

 Site Boundary

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.



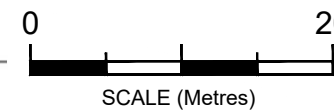
Client:
J Greenwood (Builders) Ltd

Site:
Fairfield Road, Droylsden

Title:
Site Boundary Plan

Job No.: LKC 20 1761	Scale (See Scale Bar): 1:500 @ A3	Figure: 2	Revision:
Drawn By: AC	Checked By: EM	Drawn: Oct 2020	

Extract from: NC Architecture
Drawing Ref: Proposed Location Plan, No.P-001 (September 2020)





KEY

Site Boundary

Accommodation Schedule

1-bed, 2-person apartments over 4 storeys:
36no. apartments @ 50sqm

3-bed, 5/6-person houses over 3 storeys:
26no. semi-detached houses @ 105sqm
(excluding undercroft hardstanding)

Total Units: 62no

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.



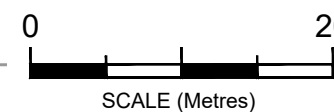
Client:
J Greenwood (Builders) Ltd

Site:
Fairfield Road, Droylsden

Title:
Proposed Development Plan

Job No. LKC 20 1761	Scale (See Scale Bar): 1:500 @ A3	Figure: 3	Revision:
Drawn By: AC	Checked By: EM	Drawn: Jul 2023	

Extract from: NC Architecture
Drawing Ref: Proposed Site Plan, No.P-001, Rev:14 (November 2020)



Appendix A – Certificates of Analysis



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Derwentside Environmental Testing Services Ltd
Unit 1
Rose Lane Industrial Estate
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Lenham Heath
Kent
ME17 2JN
t: 01622 850410

DETS Report No: 23-12195

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-EM

Sample Receipt Date: 29/09/2023

Sample Scheduled Date: 29/09/2023

Report Issue Number: 1

Reporting Date: 06/10/2023

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.



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



Soil Analysis Certificate						
DETS Report No: 23-12195	Date Sampled	27/09/23	27/09/23			
LK Consult Limited	Time Sampled	None Supplied	None Supplied			
Site Reference: Fairfield Road, Droylsden	TP / BH No	SS201	SS202			
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied			
Order No: LKC201761-EM	Depth (m)	None Supplied	None Supplied			
Reporting Date: 06/10/2023	DETS Sample No	677579	677580			

Determinand	Unit	RL	Accreditation	(n)		
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Detected	Not Detected	
Sample Matrix ^(S)	Material Type	N/a	NONE	Chrysotile present as bundles		
Asbestos Type ^(S)	PLM Result	N/a	ISO17025	Chrysotile		
Asbestos Quantification ^(S)	%	< 0.001	ISO17025	< 0.001		
pH	pH Units	N/a	MCERTS	7.7	7.9	
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	21	94	
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.02	0.09	
Organic Matter (SOM)	%	< 0.1	MCERTS	3.2	2.6	
Arsenic (As)	mg/kg	< 2	MCERTS	8	23	
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	2.4	
Chromium (Cr)	mg/kg	< 2	MCERTS	24	17	
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	
Copper (Cu)	mg/kg	< 4	MCERTS	22	609	
Lead (Pb)	mg/kg	< 3	MCERTS	50	849	
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	
Nickel (Ni)	mg/kg	< 3	MCERTS	22	20	
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	
Vanadium (V)	mg/kg	< 1	MCERTS	26	16	
Zinc (Zn)	mg/kg	< 3	MCERTS	62	790	

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)

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate - Speciated PAHs					
DETS Report No: 23-12195	Date Sampled	27/09/23	27/09/23		
LK Consult Limited	Time Sampled	None Supplied	None Supplied		
Site Reference: Fairfield Road, Droylsden	TP / BH No	SS201	SS202		
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied		
Order No: LKC201761-EM	Depth (m)	None Supplied	None Supplied		
Reporting Date: 06/10/2023	DETS Sample No	677579	677580		

Determinand	Unit	RL	Accreditation	(n)			
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	0.55		
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	0.12		
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.85		
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.89		
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	0.44		
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	0.43		
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.46		
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.13		
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.41		
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.19		
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	0.21		
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	4.7		

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate - Sample Descriptions

DETS Report No: 23-12195	
LK Consult Limited	
Site Reference: Fairfield Road, Droylsden	
Project / Job Ref: LKC 20 1761	
Order No: LKC201761-EM	
Reporting Date: 06/10/2023	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
677579	SS201	None Supplied	None Supplied	21.5	Brown sandy clay with stones
677580	SS202	None Supplied	None Supplied	9.4	Brown sandy gravel with stones and brick

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

Insufficient Sample ^{1/S}

Unsuitable Sample ^{U/S}

Soil Analysis Certificate - Methodology & Miscellaneous Information	
DETS Report No: 23-12195	
LK Consult Limited	
Site Reference: Fairfield Road, Droylsden	
Project / Job Ref: LKC 20 1761	
Order No: LKC201761-EM	
Reporting Date: 06/10/2023	

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



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 Rose Lane
 Lenham Heath
 Maidstone
 Kent ME17 2JN
 Tel : 01622 850410



List of HWOL Acronyms and Operators
DETS Report No: 23-12195
LK Consult Limited
Site Reference: Fairfield Road, Droylsden
Project / Job Ref: LKC 20 1761
Order No: LKC201761-EM
Reporting Date: 06/10/2023

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
	Det - Acronym



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Derwentside Environmental Testing Services Ltd
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ME17 2JN
t: 01622 850410

DETS Report No: 23-09647

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-D1

Sample Receipt Date: 25/07/2023

Sample Scheduled Date: 25/07/2023

Report Issue Number: 2

Reporting Date: 09/08/2023

Authorised by:



Dave Ashworth
Technical Manager

Dates of laboratory activities for each tested analyte are available upon request.
This report supersedes 23-09647, issue no.1.

Reason for Re-Issue:

Sample Id' amended

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Tel : 01622 850410



Soil Analysis Certificate				
DETS Report No: 23-09647	Date Sampled	21/07/23	21/07/23	21/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 55 Front TS	Plot 56 Front TS	Plot 57 Front TS
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	665896	665897	665898

Determinand	Unit	RL	Accreditation	21/07/23	21/07/23	21/07/23	21/07/23
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected
pH	pH Units	N/a	MCERTS	8.4	8.3	8.2	8.1
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	34	35	18	44
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.03	0.04	0.02	0.04
Organic Matter (SOM)	%	< 0.1	MCERTS	4.1	3.9	4.7	4.4
Arsenic (As)	mg/kg	< 2	MCERTS	8	9	9	7
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	19	19	21	23
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	53	23	26	18
Lead (Pb)	mg/kg	< 3	MCERTS	109	84	69	45
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	14	12	15	18
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	24	27	27	27
Zinc (Zn)	mg/kg	< 3	MCERTS	75	63	88	66

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)



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Soil Analysis Certificate - Speciated PAHs				
DETS Report No: 23-09647	Date Sampled	21/07/23	21/07/23	21/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 55 Front TS	Plot 56 Front TS	Plot 57 Front TS
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	665896	665897	665898

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	< 0.1	< 0.1	0.24
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	0.26	0.27	0.26	0.24
Pyrene	mg/kg	< 0.1	MCERTS	0.22	0.25	0.25	0.20
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	0.14	0.15	0.15	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.14	0.14	0.14	< 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	0.12	< 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



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Soil Analysis Certificate - Sample Descriptions

DETS Report No: 23-09647	
LK Consult Limited	
Site Reference: Fairfield Road, Droylsden	
Project / Job Ref: LKC 20 1761	
Order No: LKC201761-D1	
Reporting Date: 09/08/2023	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
665896	Plot 55 Front TS	None Supplied	None Supplied	14.9	Brown sandy clay with stones and vegetation
665897	Plot 56 Front TS	None Supplied	None Supplied	15.4	Brown sandy clay with stones and vegetation
665898	Plot 57 Front TS	None Supplied	None Supplied	19.6	Brown sandy clay with stones and vegetation
665899	Plot 59 Front TS	None Supplied	None Supplied	20.8	Brown sandy clay with stones and vegetation

Moisture content is part of procedure E003 & is not an accredited test
Insufficient Sample ^{1/5}
Unsuitable Sample ^{1/5}

Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 23-09647

LK Consult Limited

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-D1

Reporting Date: 09/08/2023

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 diphénylcarbazide 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



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List of HWOL Acronyms and Operators

DETS Report No: 23-09647

LK Consult Limited

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-D1

Reporting Date: 09/08/2023

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
<u> </u>	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total

Det - Acronym



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DETS Report No: 23-09604

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-EM

Sample Receipt Date: 24/07/2023

Sample Scheduled Date: 24/07/2023

Report Issue Number: 2

Reporting Date: 09/08/2023

Authorised by:



Dave Ashworth
Technical Manager

Dates of laboratory activities for each tested analyte are available upon request.
This report supersedes 23-09604, issue no.1.

Reason for Re-Issue:

Sample Id' amended

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Soil Analysis Certificate				
DETS Report No: 23-09604	Date Sampled	21/07/23	21/07/23	21/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 51 Front SS	Plot 52 Front SS	Plot 60 Front SS
Project / Job Ref: LKC 20 1761	Additional Refs	ES	ES	ES
Order No: LKC201761-EM	Depth (m)	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	665636	665637	665638

Determinand	Unit	RL	Accreditation				
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Detected	Detected	Not Detected	Not Detected
Sample Matrix ^(S)	Material Type	N/a	NONE	Bundles of Chrysotile fibres	Bundles of Chrysotile fibres		
Asbestos Type ^(S)	PLM Result	N/a	ISO17025	Chrysotile	Chrysotile		
Asbestos Quantification ^(S)	%	< 0.001	ISO17025	0.002	0.001		
pH	pH Units	N/a	MCERTS	7.9	7.9	7.8	7.3
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	69	24	51	194
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.07	0.02	0.05	0.19
Organic Matter (SOM)	%	< 0.1	MCERTS	2.3	3.8	3.5	4.8
Arsenic (As)	mg/kg	< 2	MCERTS	12	14	9	10
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	1.6	1.9	0.9	0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	12	24	17	19
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	295	354	118	31
Lead (Pb)	mg/kg	< 3	MCERTS	670	637	386	65
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	14	21	15	13
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	12	20	20	24
Zinc (Zn)	mg/kg	< 3	MCERTS	543	637	216	67

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)



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Soil Analysis Certificate - Speciated PAHs				
DETS Report No: 23-09604	Date Sampled	21/07/23	21/07/23	21/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 51 Front SS	Plot 52 Front SS	Plot 60 Front SS
Project / Job Ref: LKC 20 1761	Additional Refs	ES	ES	ES
Order No: LKC201761-EM	Depth (m)	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	665636	665637	665638

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	0.11	< 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	0.92	< 0.1	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	0.22	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	1.53	0.20	< 0.1	0.23
Pyrene	mg/kg	< 0.1	MCERTS	1.39	0.22	< 0.1	0.23
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.65	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	0.72	0.14	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.78	0.14	< 0.1	0.16
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	0.22	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.71	0.15	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.38	< 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	0.35	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	8	< 1.6	< 1.6	< 1.6



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Soil Analysis Certificate - Sample Descriptions

DETS Report No: 23-09604	
LK Consult Limited	
Site Reference: Fairfield Road, Droylsden	
Project / Job Ref: LKC 20 1761	
Order No: LKC201761-EM	
Reporting Date: 09/08/2023	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
665636	Plot 51 Front SS	ES	None Supplied	6.5	Brown sandy clay with stones and vegetation
665637	Plot 52 Front SS	ES	None Supplied	12.2	Brown sandy clay with stones and brick
665638	Plot 53 Front SS	ES	None Supplied	11.9	Brown sandy clay with stones and brick
665639	Plot 60 Front SS	ES	None Supplied	17.2	Brown sandy clay with stones

Moisture content is part of procedure E003 & is not an accredited test
Insufficient Sample ^{1/5}
Unsuitable Sample ^{1/5}

Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 23-09604

LK Consult Limited

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-EM

Reporting Date: 09/08/2023

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 diphénylcarbazide 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



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List of HWOL Acronyms and Operators

DETS Report No: 23-09604

LK Consult Limited

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-EM

Reporting Date: 09/08/2023

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

Det - Acronym



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LK Consult Limited
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Derwentside Environmental Testing Services Ltd
Unit 1
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Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410

DETS Report No: 23-08982

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-D1

Sample Receipt Date: 11/07/2023

Sample Scheduled Date: 11/07/2023

Report Issue Number: 2

Reporting Date: 09/08/2023

Authorised by:



Dave Ashworth
Technical Manager

Dates of laboratory activities for each tested analyte are available upon request.
This report supersedes 23-08982, issue no.1.

Reason for Re-Issue:

Sample Id' amended

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: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 49 Rear SS101	Plot 50 Front SS102	Plot 51 Rear SS103	Plot 55 Rear SS105
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663050	663051	663052	663053

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
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	7.9	7.9	7.7	8.1
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	107	17	58	50
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.11	0.02	0.06	0.05
Organic Matter (SOM)	%	< 0.1	MCERTS	4.3	4.2	5.8	8.5
Arsenic (As)	mg/kg	< 2	MCERTS	7	8	8	3
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.8	0.3	1	1.2
Chromium (Cr)	mg/kg	< 2	MCERTS	9	23	8	6
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	95	27	297	26
Lead (Pb)	mg/kg	< 3	MCERTS	163	61	231	67
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	9	19	10	9
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	11	27	9	7
Zinc (Zn)	mg/kg	< 3	MCERTS	172	73	274	77
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 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
 Subcontracted analysis (S)

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate					
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 58 Rear SS107	Plot 54 Front SS108	Plot 58 Front SS109	Plot 60 Rear SS115
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663055	663056	663057	663058

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	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	7.9	7.8	7.7	7.9	7.9
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Free Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	585	33	17	95	56
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.58	0.03	0.02	0.09	0.06
Organic Matter (SOM)	%	< 0.1	MCERTS	4.7	2.8	4.6	3.3	2.4
Arsenic (As)	mg/kg	< 2	MCERTS	16	8	9	9	5
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	2.4	0.4	0.3	2	0.7
Chromium (Cr)	mg/kg	< 2	MCERTS	16	25	19	10	10
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	170	70	30	234	264
Lead (Pb)	mg/kg	< 3	MCERTS	799	72	79	448	152
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	16	24	14	11	11
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	25	29	24	11	11
Zinc (Zn)	mg/kg	< 3	MCERTS	338	116	72	454	277
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 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
 Subcontracted analysis (S)



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Soil Analysis Certificate					
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	MG110	MG111	MG112	MG113
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663060	663061	663062	663063

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Detected	Not Detected	Not Detected	Not Detected
Sample Matrix ^(S)	Material Type	N/a	NONE		Chrysotile present in bundles			
Asbestos Type ^(S)	PLM Result	N/a	ISO17025		Chrysotile			
Asbestos Quantification ^(S)	%	< 0.001	ISO17025	< 0.001	< 0.001			
pH	pH Units	N/a	MCERTS	8.9	7.9	8.9	8.3	8.3
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Free Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	347	81	487	108	94
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.35	0.08	0.49	0.11	0.09
Organic Matter (SOM)	%	< 0.1	MCERTS	3.7	4.9	5.2	2.6	1.7
Arsenic (As)	mg/kg	< 2	MCERTS	28	15	26	4	2
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	5.1	2.4	5.3	0.4	0.3
Chromium (Cr)	mg/kg	< 2	MCERTS	23	15	23	9	6
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	1190	255	1950	29	16
Lead (Pb)	mg/kg	< 3	MCERTS	3270	810	1830	64	34
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	21	15	27	11	6
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	19	14	23	11	7
Zinc (Zn)	mg/kg	< 3	MCERTS	980	553	2440	84	55
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 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
 Subcontracted analysis (S)



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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 49 Rear SS101	Plot 50 Front SS102	Plot 51 Rear SS103	Plot 55 Rear SS105	Plot 56 Rear SS106
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663050	663051	663052	663053	663054

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
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	0.24	< 0.1	0.13	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	0.38	0.15	0.19	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	0.37	0.12	0.18	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.20	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	0.21	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.21	< 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	0.18	< 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	1.8	< 1.6	< 1.6	< 1.6

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 58 Rear SS107	Plot 54 Front SS108	Plot 58 Front SS109	Plot 60 Rear SS115	MG104
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663055	663056	663057	663058	663059

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
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	0.19	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	0.11	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	1.10	< 0.1	< 0.1	0.22	0.11
Anthracene	mg/kg	< 0.1	MCERTS	0.28	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	1.79	< 0.1	0.19	0.28	0.18
Pyrene	mg/kg	< 0.1	MCERTS	1.73	< 0.1	0.19	0.29	0.18
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.86	< 0.1	< 0.1	0.16	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	0.81	< 0.1	< 0.1	0.14	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.96	< 0.1	< 0.1	0.18	0.13
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	0.34	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.94	< 0.1	0.12	0.17	0.12
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.34	< 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	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.33	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	9.8	< 1.6	< 1.6	< 1.6	< 1.6



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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	MG110	MG111	MG112	MG113	MG114
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663060	663061	663062	663063	663064

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
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	0.14	< 0.1	0.19	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.15	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	1.03	0.38	1.39	< 0.1	0.13
Anthracene	mg/kg	< 0.1	MCERTS	0.25	< 0.1	0.35	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	1.74	0.65	2.70	< 0.1	0.25
Pyrene	mg/kg	< 0.1	MCERTS	1.72	0.65	2.67	< 0.1	0.25
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	1.05	0.37	1.39	< 0.1	0.14
Chrysene	mg/kg	< 0.1	MCERTS	0.94	0.38	1.31	< 0.1	0.16
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	1.16	0.46	1.57	< 0.1	0.18
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	0.43	0.16	0.38	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	1.17	0.48	1.40	< 0.1	0.17
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.52	0.19	0.62	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	0.12	< 0.1	0.15	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.50	0.18	0.63	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	10.8	3.9	14.9	< 1.6	< 1.6



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Soil Analysis Certificate - TPH CWG Banded

DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 49 Rear SS101	Plot 50 Front SS102	Plot 51 Rear SS103	Plot 55 Rear SS105	Plot 56 Rear SS106
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663050	663051	663052	663053	663054

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
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 : HS_1D_MS+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	< 3	< 3	< 3	< 3
Aromatic >C21 - C35 : EH_CU_1D_AR	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10
Aromatic >C35 - C44 : HS_1D_MS+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_Tot al	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate - TPH CWG Banded

DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 58 Rear SS107	Plot 54 Front SS108	Plot 58 Front SS109	Plot 60 Rear SS115	MG104
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663055	663056	663057	663058	663059

Determinand	Unit	RL	Accreditation	(n)		(n)		(n)
Aliphatic >C5 - C6 : HS_1D_MS_AL	mg/kg	< 0.01	NONE	< 0.01	< 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	< 0.05
Aliphatic >C8 - C10 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C16 - C21 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C21 - C34 : EH_CU_1D_AL	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aliphatic >C34 - C44	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	< 10
Aliphatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AL	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Aromatic >C5 - C7 : HS_1D_MS_AR	mg/kg	< 0.01	NONE	< 0.01	< 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	< 0.05
Aromatic >C8 - C10 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21 : EH_CU_1D_AR	mg/kg	< 3	MCERTS	9	< 3	< 3	< 3	< 3
Aromatic >C21 - C35 : EH_CU_1D_AR	mg/kg	< 10	MCERTS	11	< 10	< 10	< 10	< 10
Aromatic >C35 - C44	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	< 10
Aromatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AR	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Total >C5 - C44 : HS_1D_MS+EH_CU_1D_Tot	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42	< 42



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Soil Analysis Certificate - TPH CWG Banded

DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	MG110	MG111	MG112	MG113	MG114
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663060	663061	663062	663063	663064

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Aliphatic >C5 - C6 : HS_1D_MS_AL	mg/kg	< 0.01	NONE	< 0.01	< 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	< 0.05
Aliphatic >C8 - C10 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12 : EH_CU_1D_AL	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	6	< 3	< 3
Aliphatic >C16 - C21 : EH_CU_1D_AL	mg/kg	< 3	MCERTS	< 3	< 3	17	< 3	< 3
Aliphatic >C21 - C34 : EH_CU_1D_AL	mg/kg	< 10	MCERTS	< 10	< 10	81	< 10	< 10
Aliphatic >C34 - C44 : HS_1D_MS+EH_CU_1D_AL	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	< 10
Aliphatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AL	mg/kg	< 21	NONE	< 21	< 21	103	< 21	< 21
Aromatic >C5 - C7 : HS_1D_MS_AR	mg/kg	< 0.01	NONE	< 0.01	< 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	< 0.05
Aromatic >C8 - C10 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16 : EH_CU_1D_AR	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21 : EH_CU_1D_AR	mg/kg	< 3	MCERTS	3	3	5	< 3	< 3
Aromatic >C21 - C35 : EH_CU_1D_AR	mg/kg	< 10	MCERTS	13	< 10	23	< 10	< 10
Aromatic >C35 - C44 : HS_1D_MS+EH_CU_1D_AR	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	< 10
Aromatic (C5 - C44) : HS_1D_MS+EH_CU_1D_AR	mg/kg	< 21	NONE	< 21	< 21	28	< 21	< 21
Total >C5 - C44 : HS_1D_MS+EH_CU_1D_Tot	mg/kg	< 42	NONE	< 42	< 42	131	< 42	< 42



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Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 49 Rear SS101	Plot 50 Front SS102	Plot 51 Rear SS103	Plot 55 Rear SS105	Plot 56 Rear SS106
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663050	663051	663052	663053	663054

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Benzene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Toluene : HS 1D MS	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5
Ethylbenzene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
p & m-xylene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
o-xylene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
MTBE : HS 1D MS	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	Plot 58 Rear SS107	Plot 54 Front SS108	Plot 58 Front SS109	Plot 60 Rear SS115	MG104
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663055	663056	663057	663058	663059

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Benzene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Toluene : HS 1D MS	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5
Ethylbenzene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
p & m-xylene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
o-xylene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
MTBE : HS 1D MS	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5



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Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-08982	Date Sampled	07/07/23	07/07/23	07/07/23	07/07/23	07/07/23
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Fairfield Road, Droylsden	TP / BH No	MG110	MG111	MG112	MG113	MG114
Project / Job Ref: LKC 20 1761	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKC201761-D1	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/08/2023	DETS Sample No	663060	663061	663062	663063	663064

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Benzene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Toluene : HS 1D MS	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Ethylbenzene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
p & m-xylene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
o-xylene : HS 1D MS	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
MTBE : HS 1D MS	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5



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Soil Analysis Certificate - Sample Descriptions

DETS Report No: 23-08982	
LK Consult Limited	
Site Reference: Fairfield Road, Droylsden	
Project / Job Ref: LKC 20 1761	
Order No: LKC201761-D1	
Reporting Date: 09/08/2023	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
663050	Plot 49 Rear SS101	None Supplied	None Supplied	5.5	Brown sandy gravel with stones and concrete
663051	Plot 50 Front SS102	None Supplied	None Supplied	11.6	Brown sandy clay with stones and vegetation
663052	Plot 51 Rear SS103	None Supplied	None Supplied	6.7	Brown sandy gravel with stones and concrete
663053	Plot 55 Rear SS105	None Supplied	None Supplied	4.6	Brown sandy gravel with stones
663054	Plot 56 Rear SS106	None Supplied	None Supplied	8.9	Brown sandy gravel with stones and concrete
663055	Plot 58 Rear SS107	None Supplied	None Supplied	9.4	Brown sandy gravel with stones and concrete
663056	Plot 54 Front SS108	None Supplied	None Supplied	11.7	Brown sandy clay with stones and vegetation
663057	Plot 58 Front SS109	None Supplied	None Supplied	14	Brown sandy clay with stones and vegetation
663058	Plot 60 Rear SS115	None Supplied	None Supplied	7.5	Brown sandy gravel with stones and concrete
663059	MG104	None Supplied	None Supplied	3.3	Brown sandy gravel with stones and concrete
663060	MG110	None Supplied	None Supplied	7.7	Brown sandy gravel with stones and brick
663061	MG111	None Supplied	None Supplied	5.7	Brown sandy gravel with stones and concrete
663062	MG112	None Supplied	None Supplied	10.9	Brown sandy gravel with stones and concrete
663063	MG113	None Supplied	None Supplied	4	Brown sandy gravel with stones and concrete
663064	MG114	None Supplied	None Supplied	4.1	Brown sandy gravel with stones and concrete

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

Insufficient Sample ^{1/5}

Unsuitable Sample ^{U/5}

Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 23-08982

LK Consult Limited

Site Reference: Fairfield Road, Droylsden

Project / Job Ref: LKC 20 1761

Order No: LKC201761-D1

Reporting Date: 09/08/2023

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 diphénylcarbazide 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



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List of HWOL Acronyms and Operators
DETS Report No: 23-08982
LK Consult Limited
Site Reference: Fairfield Road, Droylsden
Project / Job Ref: LKC 20 1761
Order No: LKC201761-D1
Reporting Date: 09/08/2023

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

Det - Acronym
Benzene - HS_1D_MS
Ethylbenzene - HS_1D_MS
MTBE - HS_1D_MS
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 >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 >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

Appendix B – Generic Assessment Criteria

CATEGORY 4 SCREENING LEVELS

Substance	Residential (with home- grown produce)	Residential (without home- grown produce)	Allotments	Commercial	Public Open Space 1	Public Open Space 2
Arsenic	37 mg/kg	40 mg/kg	49 mg/kg	640 mg/kg	79 mg/kg	170 mg/kg
Benzene	0.87 mg/kg	3.3 mg/kg	0.18 mg/kg	98 mg/kg	140 mg/kg	230 mg/kg
Benzo(a)pyrene	5.0 mg/kg	5.3 mg/kg	5.7 mg/kg	77 mg/kg	10 mg/kg	21 mg/kg
Cadmium	22 mg/kg	150 mg/kg	3.9 mg/kg	410 mg/kg	220 mg/kg	880 mg/kg
Chromium VI	21 mg/kg	21 mg/kg	170 mg/kg	49 mg/kg	21 mg/kg	250 mg/kg
Lead	200 mg/kg	310 mg/kg	80 mg/kg	2300 mg/kg	630 mg/kg	1300 mg/kg

Tetrachlorethene (PCE) – 1% SOM	0.31 mg/kg	0.32 mg/kg	2.0 mg/kg	24 mg/kg	3,200 mg/kg	1,400 mg/kg
Tetrachlorethene (PCE) – 2.5% SOM	0.70 mg/kg	0.71 mg/kg	4.8 mg/kg	55 mg/kg	3,300 mg/kg	1,900 mg/kg
Tetrachlorethene (PCE) – 6% SOM	1.6 mg/kg	1.6 mg/kg	11 mg/kg	130 mg/kg	3,400 mg/kg	2,500 mg/kg
Trichlorethene (TCE) – 1% SOM	0.0093 mg/kg	0.0097 mg/kg	0.032 mg/kg	0.73 mg/kg	76 mg/kg	41 mg/kg
Trichlorethene (TCE) – 2.5% SOM	0.020 mg/kg	0.020 mg/kg	0.072 mg/kg	1.5 mg/kg	78 mg/kg	54 mg/kg
Trichlorethene (TCE) – 6% SOM	0.043 mg/kg	0.045 mg/kg	0.16 mg/kg	3.4 mg/kg	79 mg/kg	69 mg/kg
Vinyl Chloride (VC) – 1% SOM	0.0064 mg/kg	0.015 mg/kg	0.0017 mg/kg	1.1 mg/kg	7.8 mg/kg	18 mg/kg
Vinyl Chloride (VC) – 2.5% SOM	0.010 mg/kg	0.019 mg/kg	0.0031 mg/kg	1.4 mg/kg	7.8 mg/kg	19 mg/kg
Vinyl Chloride (VC) – 6% SOM	0.017 mg/kg	0.029 mg/kg	0.0058 mg/kg	2.2 mg/kg	7.8 mg/kg	19 mg/kg

Summary Table for the Generic Assessment Criteria for Human Health Risk Assessment Land Quality Management (LQM) S4ULs.

All GAC are based on sandy loam soils with a pH 7.

		LQM Generic Assessment Criteria (mg/kg) Dry weight soil						
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Metals	Inorganic Arsenic	6%	37	40	43	640	79	170
	Beryllium	6%	1.7	1.7	35	12	2.2	63
	Boron	6%	290	11,000	45	240,000	21,000	46,000
	Cadmium	6%	11	85	1.9	190	120	532
	Chromium (III)	6%	910	910	18,000	8,600	1,500	33,000
	Chromium (VI)	6%	6.0	6.0	1.8	33	7.7	220
	Copper	6%	2,400	7,100	520	68,000	12,000	44,000
	Elemental Mercury	6%	1.2	1.2	21	58 (25.8) ^{vap}	16	30 (25.8) ^{vap}
	Inorganic Mercury	6%	40	56	19	1,100	120	240
	Methylmercury	6%	11	15	6.0	320	40	68
	Nickel	6%	180	180	230	980	230	3,400
	Selenium	6%	250	430	88	12,000	1,100	1,800
	Vanadium	6%	410	1,200	91	9,000	2,000	5,000
	Zinc	6%	3,700	40,000	620	730,000	81,000	170,000
BTEX Compounds	Benzene	1%	0.087	0.38	0.017	27	72	90
		2.5%	0.17	0.70	0.034	47	72	100
		6%	0.37	1.4	0.075	90	73	110
	Toluene	1%	130	880 (869) ^{vap}	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
		2.5%	290	1,900	51	110,000 (1,920) ^{vap}	56,000	95,000 (1,920) ^{vap}
		6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
	Ethylbenzene	1%	47	83	16	5,700 (518) ^{vap}	24,000	17,000 (518) ^{vap}
		2.5%	110	190	39	13,000 (1,220) ^{vap}	24,000	22,000 (1,220) ^{vap}
		6%	260	440	91	27,000 (2,840) ^{vap}	25,000	27,000 (2,840) ^{vap}
	o-xylene	1%	60	88	28	6,600 (478) ^{sol}	41,000	17,000 (478) ^{sol}
		2.5%	140	210	67	15,000 (1,120) ^{sol}	42,000	24,000 (1,120) ^{sol}
		6%	330	480	160	33,000 (2,620) ^{sol}	43,000	33,000 (2,620) ^{sol}
	m-xylene	1%	59	82	31	6,200 (625) ^{vap}	41,000	17,000 (625) ^{vap}
		2.5%	140	190	74	14,000 (1,470) ^{vap}	42,000	24,000 (1,470) ^{vap}
		6%	320	450	170	31,000 (3,460) ^{vap}	43,000	32,000 (3,460) ^{vap}
	p-xylene	1%	56	79	29	5,900 (576) ^{sol}	41,000	17,000 (576) ^{sol}
		2.5%	130	180	69	14,000 (1,350) ^{sol}	42,000	23,000 (1,350) ^{sol}
		6%	310	430	160	30,000 (3,170) ^{sol}	43,000	31,000 (3,170) ^{sol}

NOTES

^{sol/vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).
f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

LQM Generic Assessment Criteria (mg/kg) Dry weight soil

Contaminant	SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Acenaphthene	1%	210	3,000 (57.1) ^{sol}	34	84,000 (57.0) ^{sol}	15,000	29,000
	2.5%	510	4,700 (141) ^{sol}	85	97,000 (141) ^{sol}	15,000	30,000
	6%	1,100	6,000 (336) ^{sol}	200	100,000	15,000	30,000
Acenaphthylene	1%	170	2,900 (86.1) ^{sol}	28	83,000 (86.1) ^{sol}	15,000	29,000
	2.5%	420	4,600 (212) ^{sol}	69	97,000 (212) ^{sol}	15,000	30,000
	6%	920	6,000 (506) ^{sol}	160	100,000	15,000	30,000
Anthracene	1%	2,400	31,000 (1.17) ^{vap}	380	520,000	74,000	150,000
	2.5%	5,400	35,000	950	540,000	74,000	150,000
	6%	11,000	37,000	2,200	540,000	74,000	150,000
Benz(a)anthracene	1%	7.2	11	2.9	170	29	49
	2.5%	11	14	6.5	170	29	56
	6%	13	15	13	180	29	62
Benzo(a)pyrene (only)	1%	2.2	3.2	0.97	35	5.7	11
	2.5%	2.7	3.2	2.0	35	5.7	12
	6%	3.0	3.2	3.5	36	5.7	13
Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13
	2.5%	3.3	4.0	2.1	44	7.2	15
	6%	3.7	4.0	3.9	45	7.2	16
Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400
	2.5%	340	360	470	4,000	640	1,500
	6%	350	360	640	4,000	640	1,600
Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370
	2.5%	93	110	75	1,200	190	410
	6%	100	110	130	1,200	190	440
Chrysene	1%	15	30	4.1	350	57	93
	2.5%	22	31	9.4	350	57	110
	6%	27	32	19	350	57	120
Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1
	2.5%	0.28	0.32	0.27	3.6	0.58	1.3
	6%	0.3	0.32	0.43	3.6	0.58	1.4
Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300
	2.5%	560	1,600	130	23,000	3,100	6,300
	6%	890	1,600	290	23,000	3,100	6,400
Fluorene	1%	170	2,800 (36.0) ^{sol}	27	63,000 (30.9) ^{sol}	9,900	20,000
	2.5%	400	3,800 (76.5) ^{sol}	67	68,000	9,900	20,000
	6%	860	4,500 (183) ^{sol}	160	71,000	9,900	20,000
Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150
	2.5%	36	46	21	510	82	170
	6%	41	46	39	510	82	180
Naphthalene	1%	2.3 ^f	2.3 ^f	4.1 ^f	190 ^f (76.4) ^{sol}	4,900 ^f	1,200 ^f (76.4) ^{sol}
	2.5%	5.6 ^f	5.6 ^f	10 ^f	460 ^f (183) ^{sol}	4,900 ^f	1,900 ^f (183) ^{sol}
	6%	13 ^f	13 ^f	24 ^f	1,100 ^f (432) ^{sol}	4,900 ^f	3,000
Phenanthrene	1%	95	1,300 (36.0) ^{sol}	15	22,000	3,100	6,200
	2.5%	220	1,500	38	22,000	3,100	6,200
	6%	440	1,500	90	22,000	3,100	6,300
Pyrene	1%	620	3,700	110	54,000	7,400	15,000
	2.5%	1,200	3,800	270	54,000	7,400	15,000
	6%	2,000	3,800	620	54,000	7,400	15,000
Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4
	2.5%	0.98	1.2	0.67	15	2.2	4.7
	6%	1.1	1.2	1.2	15	2.2	4.8

NOTES

^{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.

All GAC are based on sandy loam soils with a pH 7.

LQM Generic Assessment Criteria (mg/kg) Dry weight soil

Contaminant	SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Aliphatic							
EC 5-6	1%	42	42	730	3,200 (304) ^{sol}	570,000(304) ^{sol}	95,000 (304) ^{sol}
EC>6-8	1%	100	100	2,300	7,800 (144) ^{sol}	600,000	150,000 (144) ^{sol}
EC>8-10	1%	27	27	320	2,000 (78) ^{sol}	13,000	14,000 (78) ^{vap}
EC>10-12	1%	130 (48) ^{vap}	130 (48) ^{vap}	2,200	9,700 (48) ^{sol}	13,000	21,000 (48) ^{vap}
EC>12-16	1%	1,100 (24) ^{sol}	1,100 (24) ^{sol}	11,000	59,000 (24) ^{sol}	13,000	25,000 (24) ^{sol}
EC>16-35	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
EC>35-44	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
Aliphatic							
EC 5-6	2.5%	78	78	1,700	5,900 (558) ^{sol}	590,000	130,000 (558) ^{sol}
EC>6-8	2.5%	230	230	5,600	17,000 (322) ^{sol}	610,000	220,000 (322) ^{sol}
EC>8-10	2.5%	65	65	770	4,800 (190) ^{vap}	13,000	18,000 (190) ^{vap}
EC>10-12	2.5%	330 (118) ^{vap}	330 (118) ^{vap}	4,400	23,000 (118) ^{vap}	13,000	23,000 (118) ^{vap}
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}
EC>16-35	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
EC>35-44	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
Aliphatic							
EC 5-6	6%	160	160	3,900	12,000 (1,150) ^{sol}	600,000	180,000 (1,150) ^{sol}
EC>6-8	6%	530	530	13,000	40,000 (736) ^{sol}	620,000	320,000 (736) ^{sol}
EC>8-10	6%	150	150	1,700	11,000 (451) ^{vap}	13,000	21,000 (451) ^{vap}
EC>10-12	6%	760 (283) ^{vap}	760 (283) ^{vap}	7,300	47,000 (283) ^{vap}	13,000	24,000 (283) ^{vap}
EC>12-16	6%	4,300 (142) ^{sol}	4,400 (142) ^{sol}	13,000	90,000 (142) ^{sol}	13,000	26,000 (142) ^{sol}
EC>16-35	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
EC>35-44	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
Aromatic							
EC5-7(benzene as non-threshold)	1%	70	370	13	26,000 (1,220) ^{sol}	56,000	76,000 (1,220) ^{sol}
EC>7-8(toluene)	1%	130	860	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
EC>8-10	1%	34	47	8.6	3,500 (613) ^{vap}	5,000	7,200 (613) ^{vap}
EC>10-12	1%	74	250	13	16,000 (364) ^{sol}	5,000	9,200 (364) ^{sol}
EC>12-16	1%	140	1,800	23	36,000 (169) ^{sol}	5,100	10,000
EC>16-21	1%	260 ^f	1,900 ^f	46 ^f	28,000 ^f	3,800 ^f	7,600 ^f
EC>21-35	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	2.5%	140	690	27	46,000 (2,260) ^{sol}	56,000	84,000 (2,260) ^{sol}
EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) ^{sol}	56,000	95,000 (1,920) ^{sol}
EC>8-10	2.5%	83	110	21	8,100 (1,500) ^{vap}	5,000	8,500 (1,500) ^{vap}
EC>10-12	2.5%	180	590	31	28,000 (899) ^{sol}	5,000	9,700 (899) ^{sol}
EC>12-16	2.5%	330	2,300 (419) ^{sol}	57	37,000	5,100	10,000
EC>16-21	2.5%	540 ^f	1,900 ^f	110 ^f	28,000 ^f	3,800 ^f	7,700 ^f
EC>21-35	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	6%	300	1,400	57	86,000 (4,710) ^{sol}	56,000	92,000 (4,710) ^{sol}
EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
EC>8-10	6%	190	270	51	17,000 (3,580) ^{vap}	5,000	9,300 (3,580) ^{vap}
EC>10-12	6%	380	1,200	74	34,000(2,150) ^{sol}	5,000	10,000
EC>12-16	6%	660	2,500	130	38,000	5,100	10,000
EC>16-21	6%	930 ^f	1,900 ^f	260 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>21-35	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
EC>35-44	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
Aliphatic +Aromatic >EC44	1%	1,600 ^f	1,900 ^f	1,200 ^f	28,000 ^f	3,800 ^f	7,800 ^f
	2.5%	1,800 ^f	1,900 ^f	2,100 ^f	28,000 ^f	3,800 ^f	7,800 ^f
	6%	1,900 ^f	1,900 ^f	3,000 ^f	28,000 ^f	3,800 ^f	7,900 ^f

NOTES

^{sol/vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

LQM Generic Assessment Criteria (mg/kg) Dry weight soil

Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Chloroalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	7.1E-03	9.2E-03	4.6E-03	0.67	29	21
		2.5%	1.1E-02	1.3E-02	8.3E-03	0.97	29	24
		6%	1.9E-02	2.3E-02	1.6E-02	1.7	29	28
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) ^{vap}
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) ^{vap}
		6%	39	40	240	3,000	140,000	100,000 (6,392) ^{vap}
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800
		2.5%	3.4	8.0	0.89	550	1,400	2,100
		6%	7.5	17	2.0	1,100	1,400	2,300
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500
		2.5%	2.8	3.5	1.9	250	1,400	1,800
		6%	6.4	8.2	4.4	560	1,400	2,100
	Tetrachloroethene (PCE)	1%	0.18	0.18	0.65	19	1,400	810 (424) ^{sol}
		2.5%	0.39	0.40	1.5	42	1,400	1,100 (951) ^{sol}
		6%	0.90	0.92	3.6	95	1,400	1,500
	Tetrachloromethane (carbon tetrachloride)	1%	2.6E-02	2.6E-02	0.45	2.9	890	190
		2.5%	5.6E-02	5.6E-02	1.0	6.3	920	270
		6%	0.13	0.13	2.4	14	950	400
	Trichloroethene (TCE)	1%	1.6E-02	1.7E-02	4.1E-02	1.2	120	70
		2.5%	3.4E-02	3.6E-02	9.1E-02	2.6	120	91
6%		7.5E-02	8.0E-02	0.21	5.7	120	120	
Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600	
	2.5%	1.7	2.1	0.83	170	2,500	2,800	
	6%	3.4	4.2	1.7	350	2,500	3,100	
Chloroethene (vinyl chloride)	1%	6.4E-04	7.7E-04	5.5E-04	5.9E-02	3.5	4.8	
	2.5%	8.7E-04	1.0E-03	1.0E-03	7.7E-02	3.5	5.0	
	6%	1.4E-03	1.5E-03	1.8E-03	0.12	3.5	5.4	
2,4,6-Trinitrotoluene (TNT)	1%	1.6	65	0.24	1,000	130	260	
	2.5%	3.7	66	0.58	1,000	130	270	
	6%	8.1	66	1.4	1,000	130	270	
RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) ^{sol}	
	2.5%	250	13,000	38	210,000	26,000	51,000	
	6%	540	13,000	85	210,000	27,000	53,000	
HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) ^{vap}	
	2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) ^{vap}	
	6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) ^{vap}	
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30
		2.5%	6.6	7.4	6.1	170	18	31
		6%	7.1	7.5	9.8	170	18	31
	Dieldrin	1%	0.97	7.0	0.17	170	18	30
		2.5%	2.0	7.3	0.41	170	18	30
		6%	3.5	7.4	0.96	170	18	31
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300
		2.5%	7.8	620	1.2	9,400	1,200	2,400
		6%	17.4	620	2.7	9,400	1,200	2,400
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26
		6%	0.14	6.6	2.2E-02	140	16	27
	Endosulfans (2 isomers)	1%	7.4	160 (3.0E-03) ^{vap}	1.2	5,600 (3.0E-03) ^{vap}	1,200	2,300
		2.5%	18	280 (7.0E-03) ^{vap}	2.9	7,400 (7.0E-03) ^{vap}	1,200	2,400
		6%	41	410 (1.6E-02) ^{vap}	6.8	8,400 (1.6E-02) ^{vap}	1,200	2,500
Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15	
	2.5%	0.2	3.8	3.2E-02	65	8.1	15	
	6%	0.46	3.8	7.7E-02	65	8.1	16	

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

All GAC are based on sandy loam soils with a pH 7.

LQM Generic Assessment Criteria (mg/kg) Dry weight soil

Contaminant	SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}	
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) ^{sol}
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) ^{sol}
		6%	2.4	2.4	32	290	14,000	2,900
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) ^{sol}	90,000	24,000 (571) ^{sol}
		2.5%	55	57	230	4,800 (1,370) ^{sol}	95,000	36,000 (1,370) ^{sol}
		6%	130	130	540	11,000 (3,240) ^{sol}	98,000	51,000 (3,270) ^{sol}
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) ^{vap}
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) ^{vap}
		6%	15	15	320	1,300	19,000	4,000 (1,880) ^{vap}
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) ^{vap}	78	110 (39) ^{vap}
		2.5%	1.6	1.9	0.90	120 (98.1) ^{vap}	79	120
		6%	3.7	4.3	2.2	240 (235) ^{vap}	79	130
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) ^{sol}	100	190
		2.5%	12	30	3.1	770 (107) ^{sol}	100	190
		6%	22	38	7.0	830	100	190
	Hexachlorobenzene	1%	1.8 (0.20) ^{vap}	4.1 (0.20) ^{vap}	0.47	110 (0.20) ^{vap}	16	30
		2.5%	3.3 (0.50) ^{vap}	5.7 (0.50) ^{vap}	1.1	120	16	30
		6%	4.9	6.7 (1.2) ^{vap}	2.5	120	16	30
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 ^g	94	0.13 ^g	3,500	620	1,100
		2.5%	2.0	150	0.30	4,000	620	1,100
		6%	4.5	210	0.70	4,300	620	1,100
	Pentachlorophenol	1%	0.22	27 (16.4) ^{vap}	3.0E-02	400	60	110
		2.5%	0.52	29	8.0E-02	400	60	120
		6%	1.2	31	0.19	400	60	120
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300
		2.5%	0.29	0.29	10	22	11,000	1,900
		6%	0.62	0.62	23	47	11,000	2,700
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48
		2.5%	0.7	0.78	0.61	66	25	50
		6%	1.6	1.8	1.4	120	25	51
	Phenol	1%	280	750	66	760 ^{dir} (31,000)	760 ^{dir} (11,000)	760 ^{dir} (8,600)
		2.5%	550	1,300	140	1,500 ^{dir} (35,000)	1,500 ^{dir} (11,000)	1,500 ^{dir} (9,700)
		6%	1,100	2,300	280	3,200 ^{dir} (37,000)	3,200 ^{dir} (11,000)	3,200 ^{dir} (11,000)

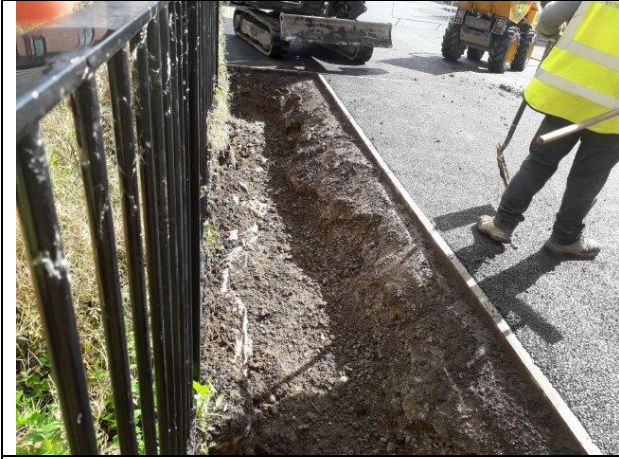
NOTES

^{sol/vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^{dir} = S4uls based on threshold protective of direct skin contact with phenol (brackets long term exposure for illustration purposes).

^g = derived based on 2,3,4,6-tetrachlorophenol.

Appendix C – Photographs of Excavations



P1: Plot 45 front.



P2: Plot 46 front.



P3: Plot 45/46 front.



P4: Plot 45/46 front.



P4: Plot 47 front.



P6: Plot 48 front.



P7: Plots 45-48 rears. View from Plot 48.



P8: Plots 45-48 rears.



P9: Plot 45-48 rears. View from Plot 45.



P10: Plot 45 rear.



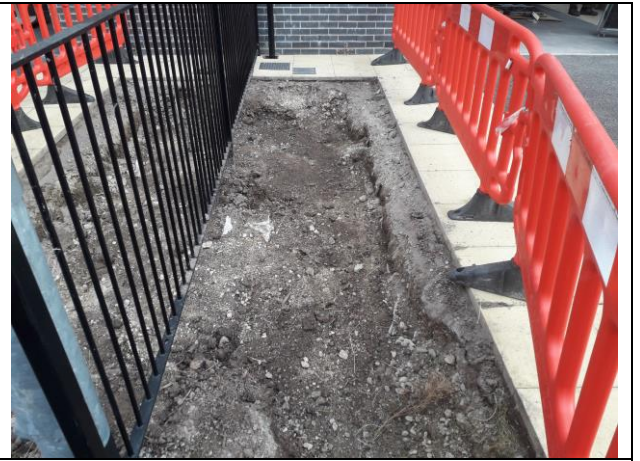
P11: Plot 50 front.



P12: Plot 50/51 front.



P13: Plots 51/52 front.



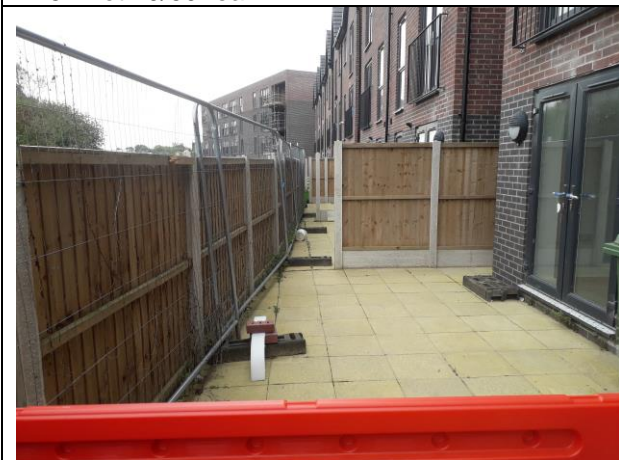
P14: Plots 53/54 front.



P15: Plot 49/50 rear.



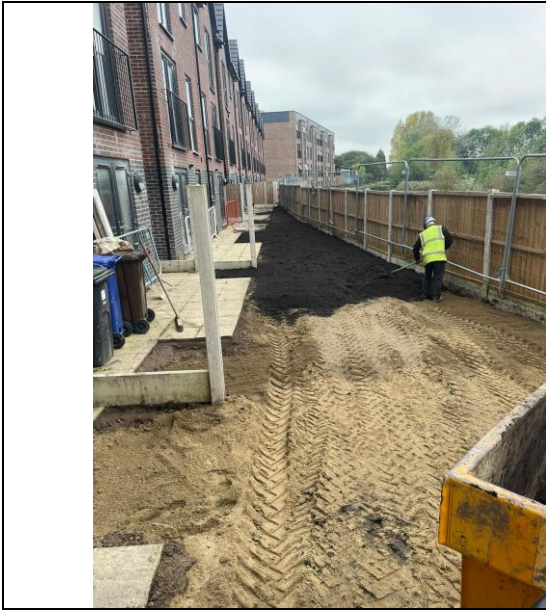
P16: Plot 51 rear.



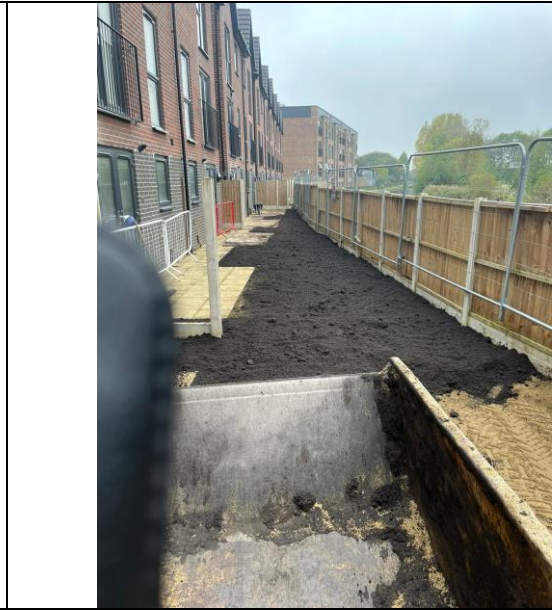
P17: Plot 52-54 flagged.



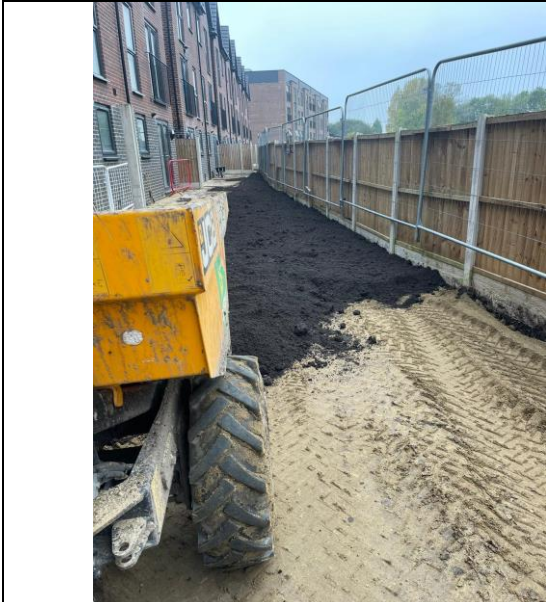
P18: Plot 49/50 clean subsoil being laid.



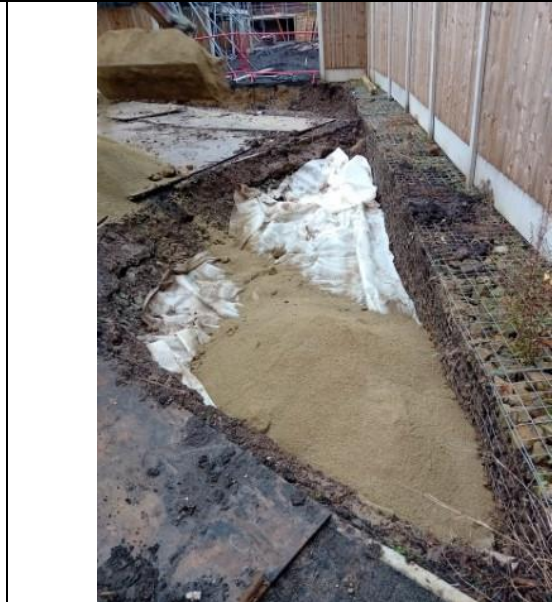
P19: Plots 55-60 clean cover systems being laid following excavation of soils.






P20: Plots 55-60 clean cover systems being laid following excavation of soils.



P21: Plots 55-60 clean cover systems being laid following excavation of soils.



P22: Shared soft landscaping in NW clean cover system being laid following excavation of soils.

			
<p>P23: Shared soft landscaping in NW clean cover system being laid following excavation of soils</p>		<p>P24: Shared soft landscaping in NW clean cover system being laid following excavation of soils</p>	
			
<p>P25: Shared soft landscaping in NW clean cover system being laid following excavation of soils</p>			

Appendix D – Waste Transfer Notes

DHI Excavations Ltd

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

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

No: 356771
Date: 3/10/23

Collection / Delivery Note

WCL No: CB/DU181466 SIC CODE: _____

Customer: GNL
Location: Droyesden hatched no
Vehicle Reg: ZPK Driver Name: Zan

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

Material: Spoil Weight: _____ TONNE / KG DELAYS OR WAITING TIME _____
 Gross: full carry ARR _____ DEP _____ HR _____
 Tare: _____ REASON FOR DELAY: _____
 EWC Code: _____ Net: _____

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

Consignee Signature: _____
Print Name: _____

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

DHI Excavations Ltd

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

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

No: 356772
Date: 3-10-23

Collection / Delivery Note

WCL No: CB/DU181466 SIC CODE: _____

Customer: GNL
Location: Droyesden
Vehicle Reg: ZPK Driver Name: Zan

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

Material: Spoil Weight: _____ TONNE / KG DELAYS OR WAITING TIME _____
 Gross: full carry ARR _____ DEP _____ HR _____
 Tare: _____ REASON FOR DELAY: _____
 EWC Code: _____ Net: _____

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

Consignee Signature: _____
Print Name: _____

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

Collection / Delivery Note

DHI Excavations Ltd

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
 11 - 13 Church Street, Fairworth, Bolton. BL4 8AG
 Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
 Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 356761
 Date: 25/9/23

WCL No: CB/DU181466 SIC CODE:

Customer: GNL
 Location: Droylsden Fairfield Rd

Vehicle Reg: ZPKZ Driver Name: Tony

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

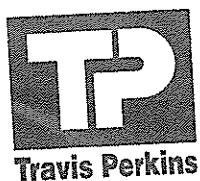
Material: Weight: TONNE / KG DELAYS OR WAITING TIME

Gross: 19 ARR 11:00
 Tare: 0 DEP 11:00
 Net: 19
 EWC Code: Reason for Delay:

Daywork: Hours Worked: Travel Time: Total Time:

Consignee Signature: [Redacted]
 Print Name:

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



TRAVIS PERKINS TRADING CO. LTD.
 HURDSFIELD ROAD, MACCLESFIELD,
 CHESHIRE SK10 1LT
 TELEPHONE: 01625 413044
 FAX: 01625 611851 EMAIL: maccstonecentre@travisperkins.co.uk

CONVEYANCE NOTE
 FORM B (WEIGHT)

WHITE COPY : CUSTOMER
 YELLOW COPY : TRAVIS PERKINS
 BLUE COPY : TRAVIS PERKINS
 PINK COPY : DRIVER

ALL IN BLOCK LETTERS
 CONSIGNEE M
 ADDRESS OF PLACE OF DELIVERY

GNL
 FAIRFIELD RD
 DROYLSDEN

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

ACCOUNT No.	SITE	ORDER NUMBER	TICKET No.	DATE	WAITING TIME
			1206807	9-10-23	ON SITE : OFF SITE :
QUARRY TICKET No.	HAULIER	PRODUCT CODE	WEIGHT	CONV	TERMS
BH11 6744	S O U S A A L				
GROSS WEIGHT OF VEHICLE AT WEIGHBRIDGE	31 86	DATE AND TIME OF LOADING A.M. P.M.			
TARE WEIGHT OF VEHICLE	12 08	WEIGHT (IN WORDS) AND DESCRIPTION OF MATERIALS BEING CARRIED E.G. LIMESTONE, SAND, ETC.			
NETT	19 78	19 TONS/TONNES 78 CWT/KILOS			

TYPE (MATERIAL) TOP SOIL HAULIER MCT
 EGD. No. PN725WD DRIVER DUZ1

***WARNING* CUSTOMERS ORDERING VEHICLES OFF THE PUBLIC ROAD DO SO ENTIRELY ON THEIR OWN RISK.
 NB. PLEASE CHECK ALL MATERIALS ARE AS ORDERED BEFORE ACCEPTING DELIVERY**

Customer Signature: [Redacted]
 Date:

Collection / Delivery Note

DHI Excavations Ltd

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
11 - 13 Church Street, Farnworth, Bolton, BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 356779

Date: 5/10/24

WCL No: CB/DU181466 SIC CODE:

Customer: CNL

Location: Droyesden Fairfield rd

Vehicle Reg: 27PK Driver Name: Zon

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

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

Gross: _____ DEP _____

Tare: _____ REASON FOR DELAY: _____

Net: _____

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

Consignee: _____ Time: _____

Print Name: _____

Conditions of Sale: it is essential that the consignor represents that the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
11 - 13 Church Street, Farnworth, Bolton, BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 356778

Date: 5/10/23

WCL No: CB/DU181466 SIC CODE:

Customer: CNL

Location: Droyesden Fairfield rd

Vehicle Reg: 27PK Driver Name: Zon

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

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

Gross: _____ DEP _____

Tare: _____ REASON FOR DELAY: _____

Net: _____

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

Consignee Signature: _____

Print Name: _____

Conditions of Sale: it is essential that the consignor represents that the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

ons Ltd

Collection / Delivery Note

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

11 - 13 Church Street, Farnworth, Bolton, BL4 8AG

Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673

Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 356780

Date: 6/10/24

WCL No: CB/DU181466

SIC CODE:

Customer: GNL

Location: Moyesden Fairfield RD

Vehicle Reg: ZFK

Driver Name: Tom

Vehicle Type: 8W TIPPER

6W GRAB

8W GRAB

OTHER

Material: Spoil

Weight: _____

TONNE / KG

DELAYS OR WAITING TIME

Gross: _____

ARR

DEP

Tare: _____

REASON FOR DELAY:

HR

Net: _____

Daywork: _____

Hours Worked: _____

Travel Time: _____

Total Time: _____

Consignee Signature: _____

Print Name: _____

Time: _____

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

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

DHI Excavations Ltd

Collection / Delivery Note

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

11 - 13 Church Street, Farnworth, Bolton, BL4 8AG

Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673

Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 356781

Date: 6/10/24

WCL No: CB/DU181466

SIC CODE:

Customer: GNL

Location: Moyesden Fairfield RD

Vehicle Reg: ZFK

Driver Name: Tom

Vehicle Type: 8W TIPPER

6W GRAB

8W GRAB

OTHER

Material: Spoil

Weight: _____

TONNE / KG

DELAYS OR WAITING TIME

Gross: _____

ARR

DEP

Tare: _____

REASON FOR DELAY:

HR

Net: _____

Daywork: _____

Hours Worked: _____

Travel Time: _____

Total Time: _____

Consignee Signature: _____

Print Name: _____

Time: _____

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

DHI Excavations Ltd

Collection / Delivery

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

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG

Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673

Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 356601

Date: 13/10/20

WCL No: CB/DU181466

SIC CODE:

Customer: GWL

Location: Droyden Farnworth Rd

Vehicle Reg: Y26322A

Driver Name: Way

Vehicle Type:

8W TIPPER

6W GRAB

8W GRAB

OTHER

Material:

Weight: Weight:

TONNE / KG

DELAYS OR WAITING TIME

Spat
(Way)
EWC Code:

Gross: _____

Tare: _____

Net: _____

fully COX
ARR _____ DEP _____ HR _____

REASON FOR DELAY:

Daywork:

Hours Worked:

Travel Time:

Total Time:

Consignee Signature:

Print Name:

Conditions of Sale: it is es
this delivery note, once sig

checked by the consignee since
in good order and condition and

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

DHI Excavations Ltd

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
11 - 13 Church Street, Farnworth, Bolton, BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

Collection / Delivery Note

No: **356779**
Date: **5/10/24**

WCL No: CB/DU181466 SIC CODE: **BVL**
Customer: **BVL**

Location: **Droyesden Birchfield rd**
Vehicle Reg: **24FK**

Vehicle Type:	8W TIPPER	6W GRAB	8W GRAB	OTHER
Material:	Weight:	Weight:	Weight:	Weight:

Driver Name: **Tom**

Material: **Spall Slurry** Weight: _____ TONNE / KG DELAYS OR WAITING TIME
 Gross: _____ ARR _____ DEP _____ HR
 Tare: _____ REASON FOR DELAY:
 Net: _____

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

Consignee: _____
 Print Name: _____
 Conditions of this delivery: _____
 Time: _____

Material entered above should be carefully checked by the consignee since subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

Collection / Delivery Note

WCL No: CB/DU181466

No: 356778

Date: 5/10/23

Customer: GWK SIC CODE: _____

Location: Moyedduw Fairfield RD

Vehicle Reg: 2PK

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

Driver Name: Tom

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

Spoil
EWC Code: any

Gross:	ARR	DEP	HR
Tare:			
Net:			

REASON FOR DELAY: Arr late

Daywork:	Hours Worked:	Travel Time:	Total Time:
----------	---------------	--------------	-------------

Consignee Signature: _____
Print Name: _____

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

Collection / Delivery Note

DHI Excavations Ltd

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

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

No: 356771

Date: 2/10/23

WCL No: CB/DU181466 SIC CODE:

Customer: GNL

Location: Droyesden furthel rd

Vehicle Reg: ZFK Driver Name: Zan

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME
 Spas full carry
 Gross: full carry
 Tare: ARR
 Net: REASON FOR DELAY: HR

Daywork: Hours Worked: Travel Time: Total Time:

Consignee Signature: Time:

Print Name:

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

DHI Excavations Ltd

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

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

No: 356772

Date: 3-10-23

WCL No: CB/DU181466 SIC CODE:

Customer: GNL

Location: Droyesden

Vehicle Reg: ZFK Driver Name: Tony

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Material: Weight: Weight: TONNE / KG DELAYS OR WAITING TIME
 Spas full carry
 Gross: full carry
 Tare: ARR
 Net: REASON FOR DELAY: HR

Daywork: Hours Worked: Travel Time: Total Time:

Consignee Signature: Time:

Print Name:

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

DHI Excavations Ltd

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
11 - 13 Church Street, Farnworth, Bolton, BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

Collection / Delivery Note

No: 356761
Date: 25/9/23

WCL No: CB/DU181466 SIC CODE:

Customer: GVL

Location: Droyerden Farnfield Rd

Vehicle Reg: ZPK

Driver Name: Tony

Vehicle Type:	<input type="checkbox"/> 8W TIPPER	<input checked="" type="checkbox"/> 6W GRAB	<input type="checkbox"/> 8W GRAB	<input type="checkbox"/> OTHER
---------------	------------------------------------	---	----------------------------------	--------------------------------

Material: Soil
Weight: _____ TONNE / KG
Gross: _____
Tare: _____
Net: _____
EWC Code: _____
DELAYS OR WAITING TIME
ARR _____ HR
DEP _____ HR
REASON FOR DELAY: _____

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

Consignee Signature: _____ Time: _____
Print Name: _____

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

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Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

Collection / Delivery Note

No: 356762
Date: 25/9/23

WCL No: CB/DU181466 SIC CODE: _____

Customer: GOAL

Location: DR Rogerden Lane Field nos

Vehicle Reg: ZJK Driver Name: Tony

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

Material: _____ Weight: _____ Weight: _____ TONNE / KG _____ DELAYS OR WAITING TIME
 Gross: _____ ARR 12:00 DEP _____ HR
 Tare: _____ REASON FOR DELAY: _____
 Net: _____

Daywork: _____ Hours Worked: _____ Travel Time: _____ Total Time: _____
 Consignee Signature: _____ Time: _____
 Print Name: _____

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

W/A THAT TIME 15 mins

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Collection / Delivery Note

No: 356760
Date: 22-9-23

WCL No: CB/DU181466 SIC CODE: _____

Customer: GML

Location: Moysesden Harfield Co

Vehicle Reg: 2 PK Driver Name: TOM

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Material: Soil Weight: _____ TONNE / KG DELAYS OR WAITING TIME
Spurry Gross: Full load ARR _____ DEP _____ HR
EWC Code: _____ Tare: _____ REASON FOR DELAY: _____ Net: _____

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

Consignee Signature: _____
Print Name: _____
Time: _____

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

Collection / Delivery Note

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No: 356757
 Date: 22/9/23

WCL No: CB/DU181466 SIC CODE: _____

Customer: GNL
 Location: Farnfield Rd Droyes Road

Vehicle Reg: ZLK Driver Name: Zou

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Material: Soil Weight: _____ TONNE / KG DELAYS OR WAITING TIME
 Gross: full ARR load DEP _____ HR
 Tare: _____ REASON FOR DELAY:
 Net: _____
 EWC Code: _____

Daywork: _____ Hours Worked: _____ Travel Time: _____ Total Time: _____
 Consignee Signature: _____ Time: _____
 Print Name: _____

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

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Collection / Delivery Note

No: 356755

Date: 21/9/23

WCL No: CB/DU181466 SIC CODE:

Customer: CNL
Location: FARFIELD RD Droyes LAEVA
Vehicle Reg: ZFK Driver Name: CONY

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

Material: Spoil Weight: Full TONNE / KG DELAYS OR WAITING TIME
 Gross: late ARR late DEP late HR
 EWC Code: _____ Tare: _____ REASON FOR DELAY: _____
 Net: _____

Daywork:	Hours Worked:	Travel Time:	Total Time:
Consignee Signature: _____			Time: _____
Print Name: _____			

Conditions of Sale: it is a condition of sale that the material described in this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

Handwritten initials/signature

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Collection / Delivery Note

No: 324479
Date: 6-9-23

No: 324480
Date: 6-9-23

WCL No: CB/DUI181466 SIC CODE: _____

Customer: GNC

Location: Greenwood St Dayside

Vehicle Reg: 2fk Driver Name: Tony

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material: Spoil Weight: _____ TONNE / KG DELAYS OR WAITING TIME
 Gross: _____ ARR _____ HR
 Tare: _____ REASON FOR DELAY: _____ DEP _____ HR
 Net: _____

EWC Code: 1400

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

Consignee Signature: _____
 Print Name: _____ Time: _____

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

WCL No: CB/DUI181466 SIC CODE: _____

Customer: GNC

Location: Greenwood Site Dayside

Vehicle Reg: 2fk Driver Name: Tony

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material: Spoil Weight: _____ TONNE / KG DELAYS OR WAITING TIME
 Gross: _____ ARR _____ HR
 Tare: _____ REASON FOR DELAY: _____ DEP _____ HR
 Net: _____

EWC Code: 1400

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

Consignee Signature: _____
 Print Name: _____

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

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No: **324477**

Date: **6-9-23**

WCL No: CB/DU181466 SIC CODE:

Customer: **GVL**

Location: **Greenwood St Ayelsden**

Vehicle Reg: **ZPK** Driver Name: **Tony**

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material: **Spoil** Weight: **full** TONNE / KG DELAYS OR WAITING TIME

Gross: **full** ARR DEP HR

Tare: REASON FOR DELAY:

Net:

Daywork: Hours Worked: Travel Time: Total Time:

Consignee Signature: [Redacted] Time:

Print Name:

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

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No: **324478**

Date: **6-9-23**

WCL No: CB/DU181466 SIC CODE:

Customer: **GVL**

Location: **Greenwood St Ayelsden**

Vehicle Reg: **ZPK** Driver Name: **Tony**

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material: **Spoil** Weight: **full** TONNE / KG DELAYS OR WAITING TIME

Gross: **full** ARR DEP HR

Tare: REASON FOR DELAY:

Net:

Daywork: Hours Worked: Travel Time: Total Time:

Consignee Signature: [Redacted] Time:

Print Name:

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

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Collection / Delivery Note

No: 324476
Date: 5/9/23

WCL No: CB/DU181466 SIC CODE:

Customer: GMC
Location: Greenwood Site Farnworth Ave
Vehicle Reg: 2PK Driver Name: Tom

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input checked="" type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	-------------------------------------	---------	--------------------------	-------	--------------------------

Material: Spoil Weight: Full TONNE / KG DELAYS OR WAITING TIME
 Gross: ARR DEP _____ HR _____
 Tare: _____ REASON FOR DELAY: _____
 Net: _____

Daywork: _____ Hours Worked: _____ Travel Time: _____ Total Time: _____
 Consignee Signature: _____ Time: _____
 Print Name: _____

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

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Collection / Delivery Note

No: 324475
Date: 5-9-23

WCL No: CB/DU181466 SIC CODE:

Customer: GMC
Location: Greenwood Site Farnworth Ave
Vehicle Reg: 2PK Driver Name: _____

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material: Spoil Weight: Full TONNE / KG DELAYS OR WAITING TIME
 Gross: ARR DEP _____ HR _____
 Tare: _____ REASON FOR DELAY: _____
 Net: _____

Daywork: _____ Hours Worked: _____ Travel Time: _____ Total Time: _____
 Consignee Signature: _____ Time: _____
 Print Name: _____

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

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No: 324472
Date: 5/9/23

WCL No: CB/DU181466 SIC CODE: GNL

Customer: GNL

Location: Farnfield to Greenwood Site

Vehicle Reg: 2FK Driver Name: Tom

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

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

Gross: Full 10M APR _____ DEP _____ HR _____
Tare: _____ REASON FOR DELAY: _____
Net: _____

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

Consignee Signature: _____

Print Name: _____

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

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No: 324474
Date: 5/9/23

WCL No: CB/DU181466 SIC CODE: GNL

Customer: GNL

Location: Farnfield to Greenwood Site

Vehicle Reg: 2FK Driver Name: Tom

Vehicle Type:

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

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

Gross: Full 10M APR _____ DEP _____ HR _____
Tare: _____ REASON FOR DELAY: _____
Net: _____

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

Consignee Signature: _____

Print Name: _____

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

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Collection / Delivery Note

No: 324977

Date: 1.9.23

WCL No: CB/DU181466 SIC CODE:

Customer: GNL Greenwood Site
Location: Fair Field LD M43 6AX

Vehicle Reg: _____ Driver Name: _____
Vehicle Type:

8W TIPPER	6W GRAB <input checked="" type="checkbox"/>	8W GRAB	OTHER
-----------	---	---------	-------

Material: MUCK Weight: _____ TONNE / KG DELAYS OR WAITING TIME
Gross: 1 x muck ARR _____ DEP _____ HR
Tare: _____ REASON FOR DELAY:
Net: _____

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

Consignee Sig: _____ Time: _____
Print Name: _____

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

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Collection / Delivery Note

No: 324978

Date: 1.9.23

WCL No: CB/DU181466 SIC CODE:

Customer: GNL Greenwood Site
Location: Fair Field LD M43 6AX

Vehicle Reg: Y263 2AA Driver Name: DAIR
Vehicle Type:

8W TIPPER	6W GRAB <input checked="" type="checkbox"/>	8W GRAB	OTHER
-----------	---	---------	-------

Material: MUCK Weight: _____ TONNE / KG DELAYS OR WAITING TIME
Gross: 1 x muck ARR _____ DEP _____ HR
Tare: _____ REASON FOR DELAY:
Net: _____

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

Consignee _____ Time: _____
Print Name: _____

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

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Collection / Delivery Note

No: **240563**

Date: **31/8/23**

WCL No: CB/DU181466

SIC CODE:

Customer: **GNL**

Location: **Greenwood site farfield ave m436ax**

Vehicle Reg: **HX16CYW** Driver Name: **Mike Farrell**

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material: Weight: TONNE / KG DELAYS OR WAITING TIME
 Gross: **1 X load** DEP **away** HR
 Tare: **Mixed Spoil** REASON FOR DELAY:
 Net: **away**

Daywork: Hours Worked: Travel Time: Total Time:

Consignee Sig

Print Name:

Time:

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

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Collection / Delivery Note

No: **240562**

Date: **31/8/23**

WCL No: CB/DU181466

SIC CODE:

Customer: **GNL**

Location: **Greenwoods site farfield ave m436ax**

Vehicle Reg: **HX16CYW** Driver Name: **Mike Farrell**

8W TIPPER	<input checked="" type="checkbox"/>	6W GRAB	<input type="checkbox"/>	8W GRAB	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material: Weight: TONNE / KG DELAYS OR WAITING TIME
 Gross: **1 X load** DEP **away** HR
 Tare: **waste** REASON FOR DELAY:
 Net: **away**

Daywork: Hours Worked: Travel Time: Total Time:

Consignee Sig

Print Name:

Time:

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

Collection / Delivery Note

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No: **240570**

Date: **8/9/23**

WCL No: CB/DU181466

SIC CODE:

92L

Customer:

MKB

Location:

CYW

Driver Name:

SD

Vehicle Reg:

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Vehicle Type:

DELAYS OR WAITING TIME

Weight: TONNE / KG

Material:

MUCK

Gross: **1100**

Tare: **100**

Net: **1000**

REASON FOR DELAY:

ARR

HR

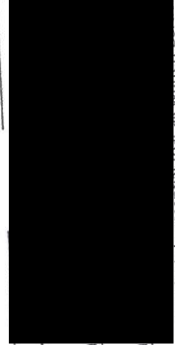
EWC Code:

Daywork: _____

Hours Worked: _____

Travel Time: _____

Total Time: _____



Consignee:

Print Name:

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

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Collection / Delivery Note

No: **240571**

Date: **8/9/23**

WCL No: CB/DU181466

SIC CODE:

Customer:

Location:

Vehicle Reg:

Vehicle Type:

8W TIPPER

6W GRAB

8W GRAB

OTHER

Driver Name:

Material:

Weight: Weight: TONNE / KG

DELAYS OR WAITING TIME

Gross:

ARR

DEP

HR

EWC Code:

Tare:

REASON FOR DELAY:

Net:

Daywork:

Hours Worked:

Travel Time:

Total Time:

Time:

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

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No: **324487**

Date: **12-9-23**

WCL No: CB/DU181466

SIC CODE:

Customer: **GNL**

Location: **Drayesden Fairfield RD**

Vehicle Reg: **ZPK** Driver Name: **Tom**

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Material: **Spoil** Weight: _____ TONNE / KG DELAYS OR WAITING TIME

Gross: **160000** _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

Net: _____

Daywork: _____

Hours Worked: _____

Travel Time: _____

Total Time: _____

Consignee Signature: _____

Time: _____

Print Name: _____

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

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No: **324488**

Date: **12-9-23**

WCL No: CB/DU181466

SIC CODE:

Customer: **GNL**

Location: **Drayesden Fairfield RD**

Vehicle Reg: **ZPK** Driver Name: **Tom**

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

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

Gross: **160000** _____ ARR _____ DEP _____ HR

Tare: _____ REASON FOR DELAY:

Net: _____

Daywork: _____

Hours Worked: _____

Travel Time: _____

Total Time: _____

Consignee Signature: _____

Time: _____

Print Name: _____

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

Collection / Delivery Note

DHI Excavations Ltd

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire
11 - 13 Church Street, Farnworth, Bolton. BL4 8AG
Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: **324485**
Date: **12-9-23**

WCL No: CB/DU181466 SIC CODE:

Customer: **GNL**
Location: **Fairfield Rd Greenwood Sitt**
Vehicle Reg: **ZPK** Driver Name: **Zim**

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Material: **Spall** Weight: _____ TONNE / KG DELAYS OR WAITING TIME
 Gross: _____ ARR _____ DEP _____ HR
 Tare: _____ REASON FOR DELAY:
 Net: _____

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

Consignee Sign: _____ Time: _____
 Print Name: _____

Conditions of Sale: _____
 This delivery note, once signed by the consignee, represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

Collection / Delivery Note

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Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: **324486**
Date: **12-9-23**

WCL No: CB/DU181466 SIC CODE:

Customer: **GNL**
Location: **Droydsden fairfields rd**
Vehicle Reg: **ZPK** Driver Name: **Tom**

8W TIPPER	6W GRAB	8W GRAB	OTHER
-----------	---------	---------	-------

Material: **Spall** Weight: _____ TONNE / KG DELAYS OR WAITING TIME
 Gross: **full load** ARR _____ DEP _____ HR
 Tare: _____ REASON FOR DELAY:
 Net: _____

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

Consignee Sign: _____ Time: _____
 Print Name: _____

Conditions of Sale: _____
 This delivery note, once signed by the consignee, represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

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Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

Collection / Delivery Note

No: **324491**
Date: **14-9-23**

WCL No: CB/DU181466 SIC CODE: _____

Customer: **GNL**

Location: **Drayesden, Fairfield RD**

Vehicle Reg: **ZFR** Driver Name: **Tom**

Vehicle Type:	<input type="checkbox"/> 8W TIPPER	<input type="checkbox"/> 6W GRAB	<input type="checkbox"/> 8W GRAB	<input checked="" type="checkbox"/> OTHER
---------------	------------------------------------	----------------------------------	----------------------------------	---

Material: _____ Weight: _____ Weight: _____ TONNE / KG _____ DELAYS OR WAITING TIME
Gross: _____ ARR _____ DEP _____ HR
Tare: _____ REASON FOR DELAY: _____
Net: _____
EWC Code: **Spa1**

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

Consignee Signature: _____
Print Name: _____

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

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Collection / Delivery Note

No: **324499**

Date: **14-9-13**

WCL No: CB/DU181466

SIC CODE:

Customer: **Garth**

Location: **Drayton Park Farnworth**

Vehicle Reg: **ZFK**

Driver Name: **Tony**

Vehicle Type:

8W TIPPER

6W GRAB

8W GRAB

OTHER

Material:

Weight: Weight:

TONNE / KG

DELAYS OR WAITING TIME

Gross: **Soil**

Tare: **Any**

Net:

ARR

DEP

HR

REASON FOR DELAY:

Daywork:

Hours Worked:

Travel Time:

Total Time:

Consignee Signature:

Print Name:

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

Collection / Delivery Note

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Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 324935
Date: 20/11/23

WCL No: CB/DU181466

SIC CODE:

Customer: GNL
Location: Andrew Co Droydsden
Vehicle Reg: 29K

Driver Name:

8W TIPPER	6W GRAB	8W GRAB	OTHER

DELAYS OR WAITING TIME

Material: Spilly Weight: TONNE / KG
Gross: 1 ARR DEP HR
Tare: 1
Net: 1
REASON FOR DELAY: 1 load

Total Time:

Daywork: Hours Worked: Travel Time: Total Time:

Time:

Consignee Signature

Print Name:

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

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Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673
Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 356661
Date: 20/11/23

WCL No: CB/DU181466

SIC CODE:

Customer: GNL
Location: Fairfield Street Droydsden
Vehicle Reg: HX16CJG Driver Name: Mike Parrell

Driver Name:

8W TIPPER	6W GRAB	8W GRAB	OTHER

DELAYS OR WAITING TIME

Material: Weight: TONNE / KG
Gross: 1 X load ARR DEP HR
Tare: 1 Clay wet muck REASON FOR DELAY: away
Net: 1

Total Time:

Daywork: Hours Worked: Travel Time: Total Time:

Time:

Consignee Signature

Print Name:

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

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