



E3P
Taylor Road
Trafford Park
Urmston
Manchester
M41 7JQ

Manchester | London | Edinburgh

info@E3P.co.uk
www.E3P.co.uk

Ref: 13-443-L2
Date: 22nd December 2020

Mr Sean Elliot
FC Developments
Didsbury Development Centre
137 Barlow Moor Road
West Didsbury
Manchester
M20 2PW

BY Email

Dear Sirs,

REMEDIAL STRATEGY & VALIDATION LETTER MOSELEY ROAD, FALLOWFIELD

BACKGROUND

E3P completed a Ground Investigation Letter (Ref: 13-443-L1-1) dated 26th September 2019, which is presented in Appendix I and should be read in conjunction with this letter.

The Ground Investigation identified the presence of elevated lead, arsenic, mercury and non-volatile PAH compounds within the shallow Made Ground (<0.50m bgl) at the site.

Due to the aforementioned exceedances, the following remedial measures were determined the best course of action to remove any risk to future residential site users;

-  Excavate the full depth of Made Ground to expose natural underlying CLAY soils;
-  Remove Made Ground off-site in a legislatively compliant manner; and
-  Place a chemically suitable growing medium (minimum 150mm) within each garden plot to the required levels as specified by the developer.

REMEDIAL WORKS

To prevent the potential risk of exposure to future site users, the Made Ground deposits at the site were removed in their entirety to natural soil. The waste transfer notes for the removal of Made Ground are presented in Appendix II.

To complete the garden areas, it was concluded that a minimum of 150mm clean (chemically suitable) growing medium would be placed in each garden plot, overlying the natural cohesive soils, to be independently validated on completion by E3P. This action would ensure that no impacted soils were present within the external soft landscaped rear gardens of each plot.



FC Developments

Moseley Road, Fallowfield

December 2020

The importation and placement of the soil was undertaken in August 2020 and an E3P engineer attended the above site to validate the thickness of the cover system that had been placed within both Plot A & B.

In total two hand excavated trial pits were advanced with the resulting strata detailed to the rear of this letter. Both trial pits were completed to highlight the required cover system of at least 150mm of topsoil.

E3P can confirm that our independent validation demonstrates that the landscaped area has been installed with >150mm of certified topsoil in accordance with the NHBC requirements for a site of this nature.

TOPSOIL ANALYSIS

E3P were provided with a Topsoil Analysis Report from the supplier (Freeland Horticulture Ltd) dated 29th July 2020. The analysis was undertaken on a composite sample to confirm suitability for import.

E3P confirmed the material was suitable for import and upon placement, E3P attended site on 15th August 2020 to obtain two further in-situ samples (Plot A & Plot B) of the placed topsoil deposits which were analysed in accordance with relevant chemical suites to confirm suitability.

Chemical analysis of these three samples confirmed the topsoil deposits were chemically suitable for use within the garden area.

Chemical analysis results are included in the within Topsoil Analysis Report (Ref: SLC-848-SA) from Freeland Horticulture Ltd and Laboratory Report 20-30461 (attached to this letter).

Cover system validation photographs are enclosed within this letter.

I trust this information is satisfactory to your requirements, and should I be able to be of any further assistance, please do not hesitate to contact me.

Yours sincerely,

For and on behalf of E3P Ltd



Alex Smith
Associate Director



Enclosed

Appendix I
Appendix II
Appendix III

Ground Investigation Letter (September 2019)
Waste Transfer Notes
Cover System Validation



Appendix I

Ground Investigation Letter (September 2019)





E3P
Heliport Business Park
Liverpool Road
Eccles
Manchester
M30 7RU

Manchester | London | Edinburgh

info@E3P.co.uk
www.E3P.co.uk

Ref: 13-443-L1-01
Date: 26th September 2019

FC Developments
Didsbury Development Centre
137 Barlow Moor Road
West Didsbury
Manchester
M20 2PW

BY Email

Dear Sir/Madam,

GROUND INVESTIGATION LETTER MOSELEY ROAD, FALLOWFIELD

INTRODUCTION

E3P has been commissioned by FC Developments to undertake a detailed Phase II Geoenvironmental Site Assessment for a parcel of land to the south of Moseley Road, Fallowfield.

This report is required to determine potential contaminated land liabilities, remediation requirements and geotechnical engineering works that will be required as part of the proposed residential development.

The Site Location Plan is presented in Appendix I.

PROPOSED DEVELOPMENT

E3P understands that FC Developments are considering the proposed acquisition and future redevelopment of a parcel of land to the south of Moseley Road, Fallowfield, Manchester for low-rise residential housing with associated adopted utility infrastructure.

The Proposed Development Plan is presented Appendix II.

SITE SETTING

The subject site is a rectangular shaped parcel of land located near the centre of Fallowfield and is currently a vacant parcel of land located to the rear of an existing residential property. The area is made up of overgrown vegetation, with semi-mature trees around the peripheral boundary.

The wider environmental site setting is summarised in table 1.1 overleaf.



TABLE 1.1 ENVIRONMENTAL SITE SETTING

Environmental Setting	Drift Geology	Glacial till – <i>Clay, Sand And Gravel.</i>
	Bedrock Geology	Chester Formation – <i>Sandstone.</i>
	Hydrogeology	Drift - Secondary Undifferentiated Aquifer; and Bedrock - Principal Aquifer.
	Groundwater Risk	The site is within a Groundwater Source Protection Zone III (total catchment) and is not within a Drinking Water Safeguard Zone.
	Hydrology	There are no surface water features within 500 m of the site. The nearest surface water feature is Cringle Brook identified >600 m southeast of the site.
	Flood Risk	Flood Risk Zone 1 – Low probability of flooding
	Ecology	Mature trees identified around the periphery with some shrubs and landscaping across the site. Arboricultural survey required.

E3P GROUND INVESTIGATION

A ground investigation was completed on the 28th June 2019 and comprised three hand excavated trial pits to a maximum depth of 1.00 m bgl.

GROUND CONDITIONS

The ground conditions encountered are summarised in Table 1.2 below.

TABLE 1.2 SUMMARY OF STRATA

LOCATION	DEPTH TO STRATUM (m bgl)		
	MADE GROUND (TOPSOIL)	MADE GROUND	NATURAL CLAY
HP101	0.00–0.10	0.10–0.65	0.65–1.00
HP102	0.00–0.10	0.10–0.48	0.48–1.00
HP103	0.00–0.10	0.10–0.38	0.38–1.00

The sides of the exploratory trial pit excavations were stable during excavation.

No relict foundations or sub-structures were encountered.

The detailed exploratory logs are presented in the Appendices.

MADE GROUND

Made Ground was identified within all exploratory hole locations to a maximum depth of 0.65 m bgl and was typically encountered as black clayey gravel and sandy gravelly clay with gravel of brick, glass, plastic, coal, slate, mudstone and clinker.



DRIFT

Superficial drift deposits were identified in all exploratory hole locations at varying depths, typically between 0.38 m bgl and 1.00 m bgl. Drift deposits were encountered as firm brown sandy gravelly CLAY with gravel of mudstone.

SOLID

No bedrock was identified during the site investigation.

GROUNDWATER CONDITIONS

No groundwater strikes were recorded during the intrusive ground investigation.

SOIL PLASTICITY

The Atterberg limits determinations, summarised in Table 1.3 below show the clay to be of moderate plasticity.

TABLE 1.3 SUMMARY OF PLASTICITY INDEX TEST RESULTS

LOCATION	DEPTH (m)	NATURAL MOISTURE CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	PASSING 425 µm SIEVE (%)	MODIFIED PLASTICITY INDEX	NHBC VOLUME CHANGE POTENTIAL
HP101	1.00	23	22	49	27	96	26	Medium
HP102	1.00	16	17	35	18	85	15	Low
HP103	1.00	21	21	47	26	96	25	Medium

The results of the Atterberg limits testing confirmed that the soils would be deemed to be Medium/Low Volume Change Potential in accordance with the classification system utilised by the LABC/NHBC industry guidance.

CONCRETE CLASSIFICATION (pH AND SULPHATE)

Chemical analyses for pH and soluble sulphate content contained in the Appendices (summarised below in Table 1.4), shows that the soils at the site generally meet Class DS-1, Aggressive Chemical Environment for Concrete Classification (ACEC) AC-1s in accordance with BRE Special Digest 1 (2005).

TABLE 1.4 SUMMARY OF pH AND SULPHATE DATA

LOCATION	DEPTH (m)	SO ₄ IN 2:1 WATER / SOIL (g/l)	pH VALUE	CLASSIFICATION
HP101	0.50	0.085	7.5	DS-1 AC-1s
HP102	1.00	0.039	7.7	DS-1 AC-1s
HP103	0.38	0.12	7.3	DS-1 AC-1s



CONTAMINATED LAND RISK ASSESSMENT

HUMAN HEALTH

At a Tier 1 stage the long term (chronic) human health toxicity of the soil has been assessed by comparing the on-site concentrations of organic and inorganic compounds with reference values published in LQM / CIEH S4UL (S4UL3267).

The results of this comparison have been summarised within Table 1.5 (overleaf).



TABLE 1.5 SUMMARY OF INORGANIC AND HYDROCARBON TOXICITY ASSESSMENT FOR A RESIDENTIAL END USE

DETERMINANT	UNIT	GAC	N	MC	LOC. OF EX	PATHWAY	ASSESSMENT
Arsenic	mg/kg	37	3	45	HP101 (0.50 m bgl)	1	Further Action
Cadmium	mg/kg	17	3	1.3	N/A	1	No Further Action
Chromium (VI)	mg/kg	6.1	3	< 4.0	N/A	1	No Further Action
Lead	mg/kg	200	3	5900	HP101 (0.50 m bgl) HP103 (0.38 m bgl)	1	Further Action
Mercury	mg/kg	1.2	3	1.4	HP101 (0.50 m bgl)	3	Further Action
Nickel	mg/kg	180	3	32	N/A	1	No Further Action
Selenium	mg/kg	250	3	< 1.0	N/A	1	No Further Action
Copper	mg/kg	2400	3	170	N/A	1	No Further Action
Zinc	mg/kg	3700	3	790	N/A	1	No Further Action
Cyanide – Total	mg/kg	791	3	< 1	N/A	1	No Further Action
Phenols – Total	mg/kg	210	3	< 1.0	N/A	1	No Further Action
Asbestos	Fibres	NFD	3	NFD	N/A	4	No Further Action
Naphthalene	mg/kg	2.3	3	1.8	N/A	3	No Further Action
Acenaphthylene	mg/kg	170	3	< 0.05	N/A	2	No Further Action
Acenaphthene	mg/kg	210	3	0.42	N/A	1	No Further Action
Fluorene	mg/kg	170	3	0.35	N/A	1	No Further Action
Phenanthrene	mg/kg	95	3	3.9	N/A	2	No Further Action
Anthracene	mg/kg	2400	3	0.73	N/A	2	No Further Action
Fluoranthene	mg/kg	280	3	5.9	N/A	2	No Further Action
Pyrene	mg/kg	620	3	6.1	N/A	2	No Further Action
Benzo(a)Anthracene	mg/kg	7.2	3	2.8	N/A	2	No Further Action
Chrysene	mg/kg	15	3	3.3	N/A	2	No Further Action
Benzo(b)Fluoranthene	mg/kg	2.6	3	2.8	HP101 (0.50 m bgl) HP103 (0.38 m bgl)	2	Further Action
Benzo(k)Fluoranthene	mg/kg	77	3	1.7	N/A	2	No Further Action
Benzo(a)Pyrene**	mg/kg	2.2	3	2.6	HP101 (0.50 m bgl) HP103 (0.38 m bgl)	2	Further Action
Indeno(123-cd)Pyrene	mg/kg	27	3	1.0	N/A	2	No Further Action
Dibenzo(a,h)Anthracene	mg/kg	0.24	3	0.27	HP101 (0.50 m bgl)	2	Further Action
Benzo(ghi)Perylene	mg/kg	320	3	1.3	N/A	2	No Further Action
TPH C5-C6 (aliphatic)*	mg/kg	42	3	< 1.0	N/A	3	No Further Action
TPH C6-C8 (aliphatic)*	mg/kg	100	3	< 0.1	N/A	3	No Further Action
TPH C8-C10 (aliphatic)*	mg/kg	27	3	< 0.1	N/A	3	No Further Action
TPH C10-C12 (aromatic)*	mg/kg	74	3	3.8	N/A	3	No Further Action
TPH C12-C16 (aromatic)*	mg/kg	140	3	5.6	N/A	3	No Further Action
TPH C16-C21 (aromatic)*	mg/kg	260	3	25	N/A	1	No Further Action
TPH C21-C35 (aromatic)*	mg/kg	1100	3	30	N/A	1	No Further Action

Notes

Main exposure pathways: 1 = soil ingestion, 2 = dermal contact and ingestion, 3 = vapour inhalation (indoor), 4 = dust inhalation.
Abbreviations: GAC = general assessment criteria, n = number of samples, MC = maximum concentration; Loc of Ex = location of exceedance; NFD = no fibres detected.



Referring to Table 1.5, the results of this direct comparison indicates that the data exceeds the screening criteria for a residential end use for the following contaminants:

- ✿ Arsenic
- ✿ Lead
- ✿ Mercury
- ✿ Benzo(b)Fluoranthene;
- ✿ Benzo(a)Pyrene; and
- ✿ Dibenzo(a,h)Anthracene;

In relation to these exceedances, the following can be determined:

- ✿ The main exposure pathways based on the Tier 1 exceedances are:
 - Soil ingestion;
 - Dermal contact and ingestion; and
 - Vapour inhalation (indoor).
- ✿ The exceedances for all determinants are associated with shallow Made Ground deposits between ground level and 0.60 m bgl.

HUMAN HEALTH RISK ASSESSMENT AND MITIGATION

All the identified elevated concentrations have primary exposure pathways related to dermal contact and ingestion of soils, with the exception of mercury, which is inhalation of vapour.

As the exceedances were located within the footprint of the proposed units, it is anticipated that the Made Ground will be removed in this area as part of the reduced level dig for the foundations, thereby removing the impacted soils.

Further chemical testing may be required to ensure the identified exceedances do not under lie the proposed gardens to the rear of the two plots. If exceedances are identified outside of the proposed building footprint, the risk to chronic human health associated with the elevated concentrations can be mitigated through the installation of a suitable cover system in all proposed gardens and landscaping to remove any potential for direct exposure to impacted soils.

The specific design and installation process for the appropriate cover systems will be clearly defined within the site remediation and enabling works strategy; however, industry best practice (as outlined within BRE 465) will require the following minimum depths of certified clean cover:

- ✿ Private gardens where homegrown vegetables can be cultivated – 600 mm
- ✿ Landscaped areas within private dwellings – 300 mm

With regards to the elevated Mercury, it presents a potential volatilisation to indoor air risk. This elevated concentration has only been identified within one location on site and is therefore considered a localised hotspot. As this is within the proposed building footprint, it is anticipated that during a phase of enabling works the impacted soils will be removed.



Chemical analysis of the natural clay drift deposits has identified these soils to be acceptable for use as subsoil within the proposed garden areas; however, further chemical validation samples will be required to confirm this.

No chemically or physically suitable sources of topsoil are available at the site.

GROUND GAS RISK ASSESSMENT

E3P has not identified any potentially significant sources of hazardous ground gases at the site.

Given the low sensitivity of the site with respect to hazardous ground gas, it was considered that a ground gas assessment undertaken in accordance with the latest guidance provided by CL:AIRE in their research bulletin RB17 *A Pragmatic Approach to Ground Gas Risk Assessment* would be suitable.

RB17 provides an alternative framework for the preliminary investigation and assessment of ground gas that takes into account other factors such as site history and the nature of the ground conditions beneath a site.

It has been prepared to allow gas well installation and monitoring to be avoided where appropriate and may also be used in conjunction with gas monitoring to reduce the monitoring period or to avoid extra gas monitoring where anomalous results are recorded.

E3P has completed a ground gas assessment in accordance with RB17 guidance and the assessment is summarised in Table 1.6.



TABLE 1.6 RB17 GROUND GAS RISK ASSESSMENT

ITEM	OUTCOME	ACTION	RISK SCORE
Have any credible ON-SITE ground gas sources been identified within the Desk Study & ICSM?	No	None identified.	1
Have any credible OFF-SITE ground gas sources been identified within the Desk Study & ICSM?	No	None identified.	1
Is the site located within close proximity to a variable groundwater regime (river or tidal) that could potentially influence the ground gas regime?	No	No shallow groundwater encountered within the upper metre at the site.	1
Has a credible pathway for the migration of gas from historical mine workings been identified?	No	N/A	1
Average depth Made Ground > 5.0m	No	No Made ground in excess of 1.00 m bgl was encountered.	1
Average depth Made Ground > 3.0m	No		
Average Depth Made Ground > 1.0m	No		
TOC < 3	Yes	TOC in the natural cohesive soils were recorded to be <3%	1
TOC > 3	No	N/A	1
Made Ground In-situ > 20 Years	Yes	The existing shallow Made Ground is likely to have been in-situ for more than 20years.	1
Made Ground In-situ < 20 Years	No	N/A	1
Natural soils with no potential to generate CH ₄ only CO ₂ .	No	None	1
Hydrocarbons or volatile compounds above the Tier I GAC identified.	No	None	1
Radon Protection Measures Required	No	The site is located in a Lower Probability Area, where less than 1% of properties are above the action level and radon protection measures are not required.	1
Risk Score			12

Notes

Risk Score –

1 = Low

2 = Moderate

3 = High

Risk Profile

Characteristic Situation 1 - Cumulative risk score is ≤ 14 the site is deemed to be very low risk

Characteristic Situation 2 - Cumulative risk score is ≥ 15 but ≤ 20 the site is deemed to be moderate risk

Characteristic Situation 3 - Cumulative risk score is > 21 the site is deemed to be high risk

The RB17 assessment indicates a cumulative score of 12, and in light of the rationale outlined above, the site meets Characteristic Situation 1 which stipulates no ground gas protection measures are required for the proposed residential units.

However, confirmation of the above classification should be sought from the Local Authority.



POTABLE WATER SUPPLY

An UKWIR risk assessment will be required on completion of the groundworks to determine the pipeline selection.

If the impacted soils are retained on-site, the placement of this material may impact the UKWIR assessment.

WASTE CLASSIFICATION

For any Made Ground material to be removed off-site a WM3 waste classification will be required.

I trust that the above information is sufficient and if you require anything further please do not hesitate to contact me.

Yours sincerely,
For and on behalf of E3P Ltd

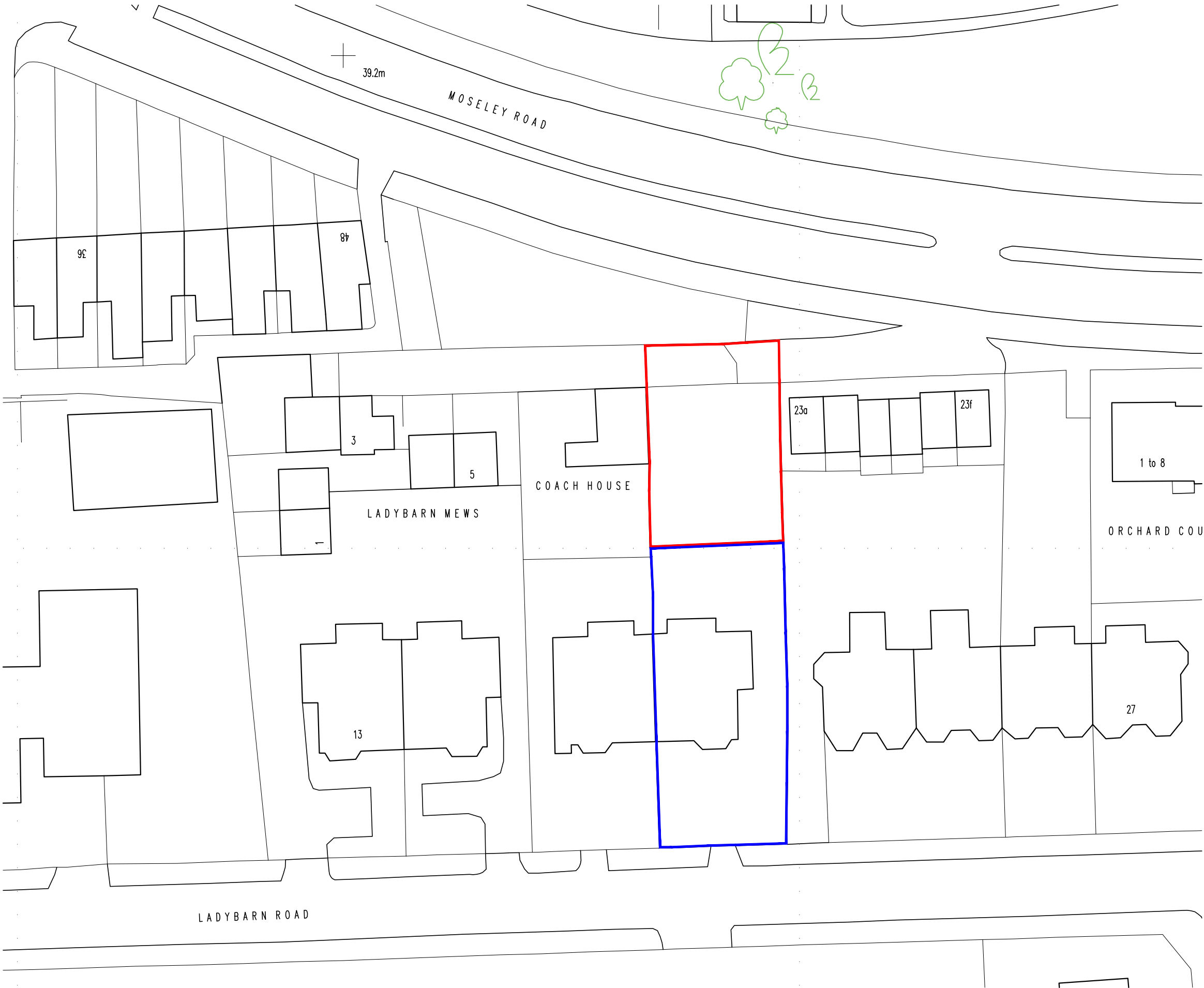


Alex Smith
Principal Geoenvironmental Consultant

Enclosed:

- ✧ Site Location Plan
- ✧ 13-443-002 Proposed Development Plan
- ✧ 13-443-003 Historical Features Plan
- ✧ 13-443-004 Exploratory Hole Location Plan
- ✧ 13-443-005 Depth of Made Ground Plan
- ✧ Exploratory Logs
- ✧ Chemical Testing Results
- ✧ Geotechnical Testing Results





LOCATION PLAN
1:5000A3

- All dimensions and levels are to be checked on site.
- Any discrepancies are to be reported to APL Architecture before any work commences.
- This drawing shall not be scaled to ascertain any dimensions. work to figured dims only.
- This drawing must not be used for any other purpose other than for which it is supplied.
- Title overlay drawings and ownership boundaries are produced using all reasonable endeavors. APL Architecture cannot be responsible for the accuracy or scale discrepancy of base plans supplied to them.

Rev	Description	Date	By
A	Boundary altered	08.04.18	SME
B	Boundary altered	09.05.18	SME
C	Additional boundary shown	13.05.18	SME
D	Additional boundary shown	26.06.18	SME
E	Updated for planning	13.07.18	SME
F	Rights of access added	19.07.18	SME
G	Red line altered for planning	24.07.18	SME
H	Red line altered	31.07.18	SME

Purpose: PLANNING
Contract: Residential Development Mosley Road Fallowfield
Drawing: Site Plan
Date: Mar '18
Drawn: sean@aplarchitecture.co.uk

APL ARCHITECTURE
Didsbury Business Centre | 137 Barlow Moor Road
West Didsbury | Manchester | M20 2PW
info@aplarchitecture.co.uk

Client:
FC Developments

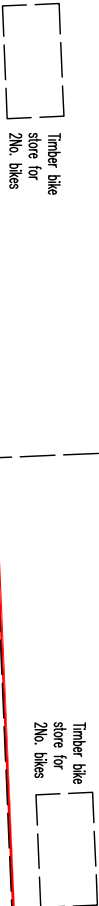
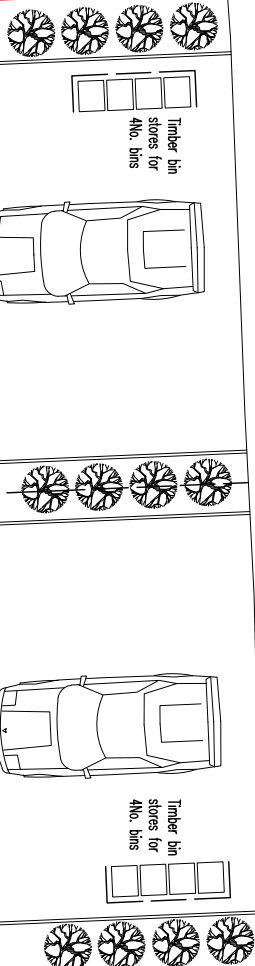
Job No:
A1101

Drawing No:
01

Rev:
H

Location for bin collections
from Moseley Road.
Bins to be placed for
collection by property owners

P R I V A T E R O A D



Additional 45m2 of amenity space to be given back to 19 Ludphm Road following
refusal of application 12067/70/2018.

Red dashed line indicates previous application boundary line

Total retained amenity space for 19 Ludphm Road is 245m2 excluding all parking



Notes:

Client:

Job No:

Date:

FC
Developments

Drawing No:
002

Scale:

NTS

Phase

Revision

Date

Issue

Drawn

Checked

Job Title:

Moseley Road,
Fallowfield

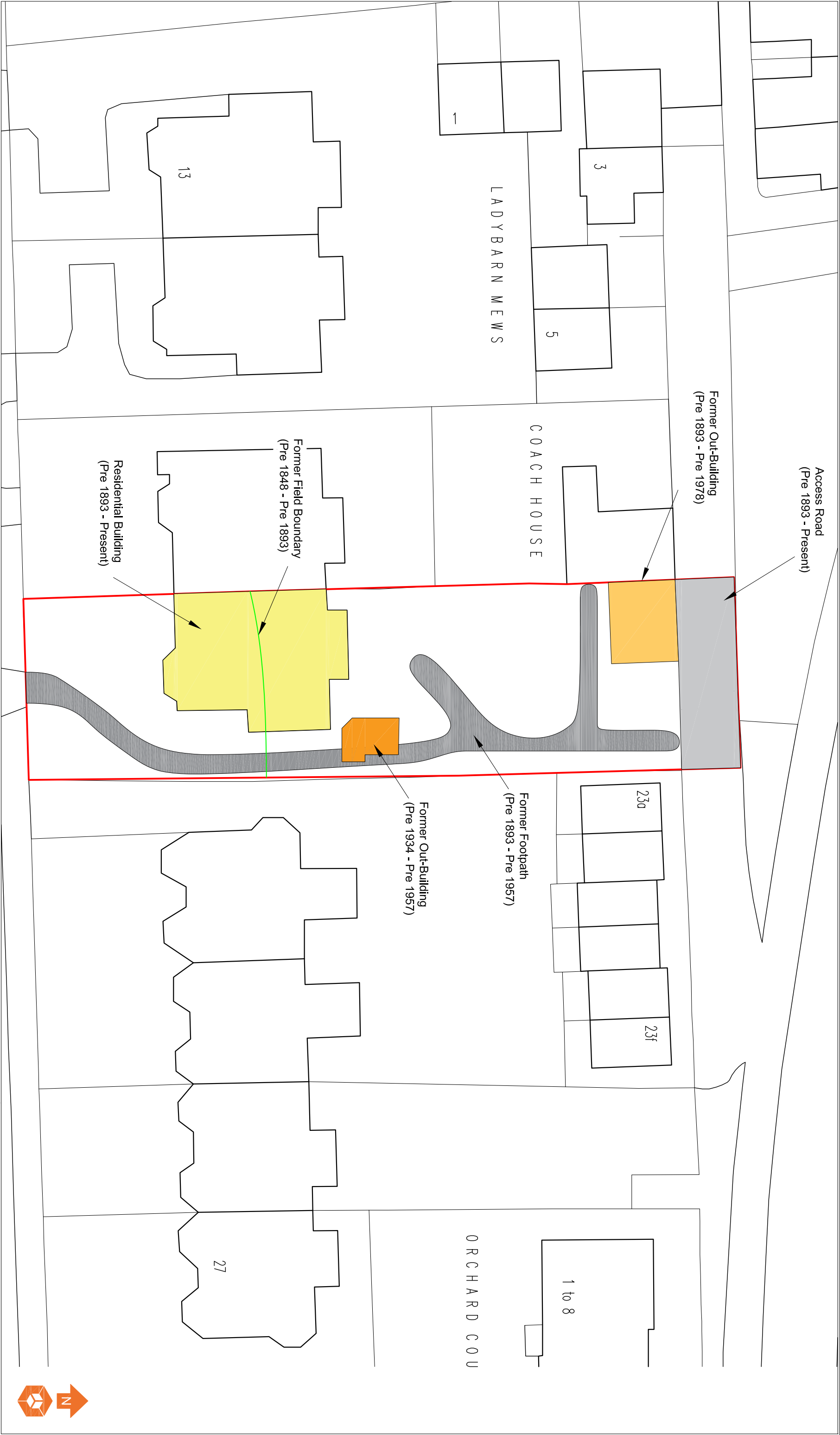
Drawing Title:

Proposed
Development
Plan



Environmental Engineering
Partnerships Ltd
City Hallport & Business Centre
Ecodes, Manchester, M20 7PU
Tel: 0161 707 9612
E-mail: info@e3p.co.uk
Website: www.e3p.co.uk

The client must not amend any drawing, design or other
intellectual property produced by E3P Ltd without permission in
writing from E3P Ltd in advance of any amendments being
made. In the event that such written permission is not obtained
in advance of the amendments being made, E3P Ltd shall not be
liable for any damage and/or losses occurring as a result of the
amended drawing, design or intellectual property.



Historical Features

- Former Field Boundary (Pre 1848 - Pre 1893)
- Residential Building (Pre 1893 - Present)
- Former Out-Building (Pre 1893 - Pre 1978)
- Access Road (Pre 1893 - Present)
- Former Footpath (Pre 1893 - Pre 1957)
- Former Out-Building (Pre 1934 - Pre 1957)

Notes:

Client:

Job No:

Date:

FC
Developments

13-443
Drawing No: 003
Scale: NTS



Environmental Engineering Partnerships Ltd
City Hellport & Business Centre
Eccles, Manchester, M30 7PU
Tel: 0161 707 9612
E-mail: info@e3p.co.uk
Website: www.e3p.co.uk

Job Title:

Drawing Title:

Moseley Road,
Fallowfield

Historical Features Plan

Phase	Revision	Date	Issue	Drawn	Checked
P1	R1	18.09.2019	REVISION	HM	ND
P1	-	12.06.2019	DRAFT	HM	DC

The client must not amend any drawing, design or other intellectual property produced by E3P Ltd without permission in writing from E3P Ltd in advance of any amendments being made. In the event that such written permission is not obtained in advance of the amendments being made, E3P Ltd shall not be liable for any damage and/or losses occurring as a result of the amended drawing, design or intellectual property.



Location Symbols
Approximate Trial Pit Location

Notes:					
Phase	Revision	Date	Issue	Drawn	Checked
P1	-	18.09.2019	DRAFT	HM	ND

Client:
FC Developments

Job No:	Date:
13-443	18.09.2019
Drawing No:	Scale:
004	NTS



Environmental Engineering Partnerships Ltd

City Hallport & Business Centre

Ecades, Manchester, M20 7PU

Tel: 0161 707 9612

E-mail: info@e3p.co.uk

Website: www.e3p.co.uk

The client must not amend any drawing, design or other intellectual property produced by E3P Ltd without permission in writing from E3P Ltd in advance of any amendments being made. In the event that such written permission is not obtained in advance of the amendments being made, E3P Ltd shall not be liable for any damage and/or losses occurring as a result of the amended drawing, design or intellectual property.

Job Title:

Moseley Road,
Fallowfield

Drawing Title:

Exploratory Hole Location
Plan



Location Symbols

 Approximate Trial Pit Location

 Approximate Location of Historical Features

Made Ground Depth (m)

Depth of Made Ground 0.00 - 0.09m

Depth of Made Ground 0.10 - 0.19m

Depth of Made Ground 0.20 - 0.29m

Depth of Made Ground 0.30 - 0.39m

Depth of Made Ground 0.40 - 0.49m

Depth of Made Ground 0.50 - 0.59m

Depth of Made Ground 0.60 - 0.69m

Depth of Made Ground 0.70 - 0.79m

Depth of Made Ground >0.80m

Notes:

Client:

Job No:

Date:

FC
Developments

13-443

18.09.2019

Job Title:

Drawing Title:

Moseley Road,
Fallowfield

Depth of Made Ground
Plan



e3p

Environmental Engineering
Partnerships Ltd
City Hallport & Business Centre
Ecades, Manchester, M30 7RU
Tel: 0161 707 9612
E-mail: info@e3p.co.uk
Website: www.e3p.co.uk

The client must not amend any drawing, design or other
intellectual property produced by E3P Ltd without permission in
writing from E3P Ltd in advance of any amendments being
made. In the event that such written permission is not obtained
in advance of the amendments being made, E3P Ltd shall not be
liable for any damage and/or losses occurring as a result of the
amended drawing, design or intellectual property.

Phase	Revision	Date	Issue	Drawn	Checked
P1	-	18.09.2019	DRAFT	HM	ND

**Alex Smith**

e3p
Office 4
Heliport Business Park
Eccles
Liverpool Road
Manchester
M30 7RU

t: 0161 707 9612

e: asmith@e3p.co.uk

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

t: 01923 225404

f: 01923 237404

e: reception@i2analytical.com

Analytical Report Number : 19-48014

Project / Site name:	Moseley Road	Samples received on:	01/07/2019
Your job number:	13.433	Samples instructed on:	01/07/2019
Your order number:		Analysis completed by:	08/07/2019
Report Issue Number:	1	Report issued on:	08/07/2019
Samples Analysed:	3 soil samples		

Signed:

Zina Abdul Razzak
Senior Quality Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 19-48014

Project / Site name: Moseley Road

Lab Sample Number				1257424	1257425	1257426		
Sample Reference				HP101	HP102	HP103		
Sample Number				None Supplied	None Supplied	None Supplied		
Depth (m)				0.50	1.00	0.38		
Date Sampled				Deviating	Deviating	Deviating		
Time Taken				None Supplied	None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1		
Moisture Content	%	N/A	NONE	17	14	14		
Total mass of sample received	kg	0.001	NONE	0.45	0.45	0.45		

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected		
------------------	------	-----	-----------	--------------	--------------	--------------	--	--

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.5	7.7	7.3		
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1		
Total Sulphate as SO ₄	mg/kg	50	MCERTS	1100	270	2100		
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	170	78	250		
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.086	0.039	0.12		
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	85.8	39.0	124		
Sulphide	mg/kg	1	MCERTS	7.6	5.1	21		
Total Sulphur	mg/kg	50	MCERTS	900	140	840		

Total Phenols

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

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	1.8	< 0.05	< 0.05		
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05		
Acenaphthene	mg/kg	0.05	MCERTS	0.42	< 0.05	0.36		
Fluorene	mg/kg	0.05	MCERTS	0.35	< 0.05	0.25		
Phenanthrene	mg/kg	0.05	MCERTS	3.9	0.58	3.0		
Anthracene	mg/kg	0.05	MCERTS	0.73	< 0.05	0.59		
Fluoranthene	mg/kg	0.05	MCERTS	5.9	0.57	5.9		
Pyrene	mg/kg	0.05	MCERTS	6.1	0.58	5.8		
Benzo(a)anthracene	mg/kg	0.05	MCERTS	2.8	0.29	2.6		
Chrysene	mg/kg	0.05	MCERTS	3.3	0.27	3.2		
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	2.8	< 0.05	2.7		
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1.5	< 0.05	1.7		
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.6	< 0.05	2.6		
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.98	< 0.05	1.0		
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.27	< 0.05	< 0.05		
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.3	< 0.05	1.3		

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	34.7	2.29	30.9		
-----------------------------	-------	-----	--------	------	------	------	--	--

Analytical Report Number: 19-48014

Project / Site name: Moseley Road

Lab Sample Number				1257424	1257425	1257426		
Sample Reference				HP101	HP102	HP103		
Sample Number				None Supplied	None Supplied	None Supplied		
Depth (m)				0.50	1.00	0.38		
Date Sampled				Deviating	Deviating	Deviating		
Time Taken				None Supplied	None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	45	7.3	17		
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.9	< 0.2	1.3		
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0		
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	23	23	39		
Copper (aqua regia extractable)	mg/kg	1	MCERTS	170	25	160		
Lead (aqua regia extractable)	mg/kg	1	MCERTS	420	49	5900		
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.4	< 0.3	0.7		
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	32	25	20		
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0		
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	170	54	790		

Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0		
TPH (C6 - C8)	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1		
TPH (C8 - C10)	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1		
TPH (C10 - C12)	mg/kg	2	MCERTS	3.8	< 2.0	< 2.0		
TPH (C12 - C16)	mg/kg	4	MCERTS	5.5	< 4.0	5.6		
TPH (C16 - C21)	mg/kg	1	MCERTS	22	< 1.0	25		
TPH (C21 - C35)	mg/kg	1	MCERTS	24	< 1.0	30		
TPH (C35 - C40)	mg/kg	10	MCERTS	< 10	< 10	< 10		
TPH Total C5 - C40	mg/kg	10	MCERTS	61	< 10	63		



Analytical Report Number : 19-48014

Project / Site name: Moseley Road

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1257424	HP101	None Supplied	0.50	Brown loam and clay with gravel and vegetation.
1257425	HP102	None Supplied	1.00	Brown clay and sand with gravel.
1257426	HP103	None Supplied	0.38	Brown loam and sand with gravel and brick.

Analytical Report Number : 19-48014

Project / Site name: Moseley Road

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazine followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L099-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests, 2:1 water:soil extraction, analysis by ICP-OES.	L038-PL	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode.	In-house method	L010-PL	D	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total sulphate (as SO ₄ in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L038-PL	D	MCERTS
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In-house method based on BS1377 Part 3, 1990, and MEWAM 2006 Methods for the Determination of Metals in Soil	L038-PL	D	MCERTS
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Sample Deviation Report



Sample ID	Other_ID	Sample Type	Job	Sample Number	Sample Deviation Code	test_name	test_ref	Test Deviation code
HP101		S	19-48014	1257424	a			
HP102		S	19-48014	1257425	a			
HP103		S	19-48014	1257426	a			

**Alex Smith**

e3p
Office 4
Heliport Business Park
Eccles
Liverpool Road
Manchester
M30 7RU

t: 0161 707 9612

e: asmith@e3p.co.uk

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

t: 01923 225404

f: 01923 237404

e: reception@i2analytical.com

Analytical Report Number : 19-60585

Project / Site name: Moseley Road

Samples received on: 19/09/2019

Your job number: 13433

Samples instructed on: 19/09/2019

Your order number:

Analysis completed by: 23/09/2019

Report Issue Number: 1

Report issued on: 23/09/2019

Samples Analysed: 2 soil samples

Signed: *Karolina Marek*

Karolina Marek
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 19-60585

Project / Site name: Moseley Road

Lab Sample Number				1320743	1320744			
Sample Reference				HP102	HP101			
Sample Number				None Supplied	None Supplied			
Depth (m)				0.50	0.50			
Date Sampled				Deviating	Deviating			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1			
Moisture Content	%	N/A	NONE	15	14			
Total mass of sample received	kg	0.001	NONE	0.26	0.22			
General Inorganics								
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.6	0.5			



Analytical Report Number : 19-60585

Project / Site name: Moseley Road

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1320743	HP102	None Supplied	0.50	Brown clay and sand with gravel.
1320744	HP101	None Supplied	0.50	Brown clay and sand with gravel.

Analytical Report Number : 19-60585

Project / Site name: Moseley Road

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests [™]	L009-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

Sample ID	Other ID	Sample Type	Job	Sample Number	Sample Deviation Code	test_name	test_ref	Test Deviation code
HP101		S	19-60585	1320744	a			
HP102		S	19-60585	1320743	a			



LABORATORY REPORT



4043

Contract Number: PSL19/4448

Report Date: 02 August 2019
Client's Reference: 13-443-32741-MW
Client Name: E3P
Heliport Business Park
Liverpool Road
Eccles
Manchester
M30 7RU

For the attention of: Mike Whittaker

Contract Title: Mossley Road
Date Received: 24/7/2019
Date Commenced: 24/7/2019
Date Completed: 2/8/2019

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. 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 other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

R Gunson
(Director)

S Royle
(Laboratory Manager)

A Watkins
(Director)

S Eyre
(Senior Technician)

R Berriman
(Quality Manager)

L Knight
(Senior Technician)

5 – 7 Hexthorpe Road, Hexthorpe,
Doncaster DN4 0AR
tel: +44 (0)844 815 6641
fax: +44 (0)844 815 6642
e-mail: rgunson@prosoils.co.uk
awatkins@prosoils.co.uk

Page 1 of

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

[illegible]

PSL
Professional Soils Laboratory

Mossley Road

Contract No:

PSL19/4448

Client Ref:

32741

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

[illegible]

SYMBOLS : NP : Non Plastic

*** : Liquid Limit and Plastic Limit Wet Sieved.**



4043

PSL
Professional Soils Laboratory

Mossley Road

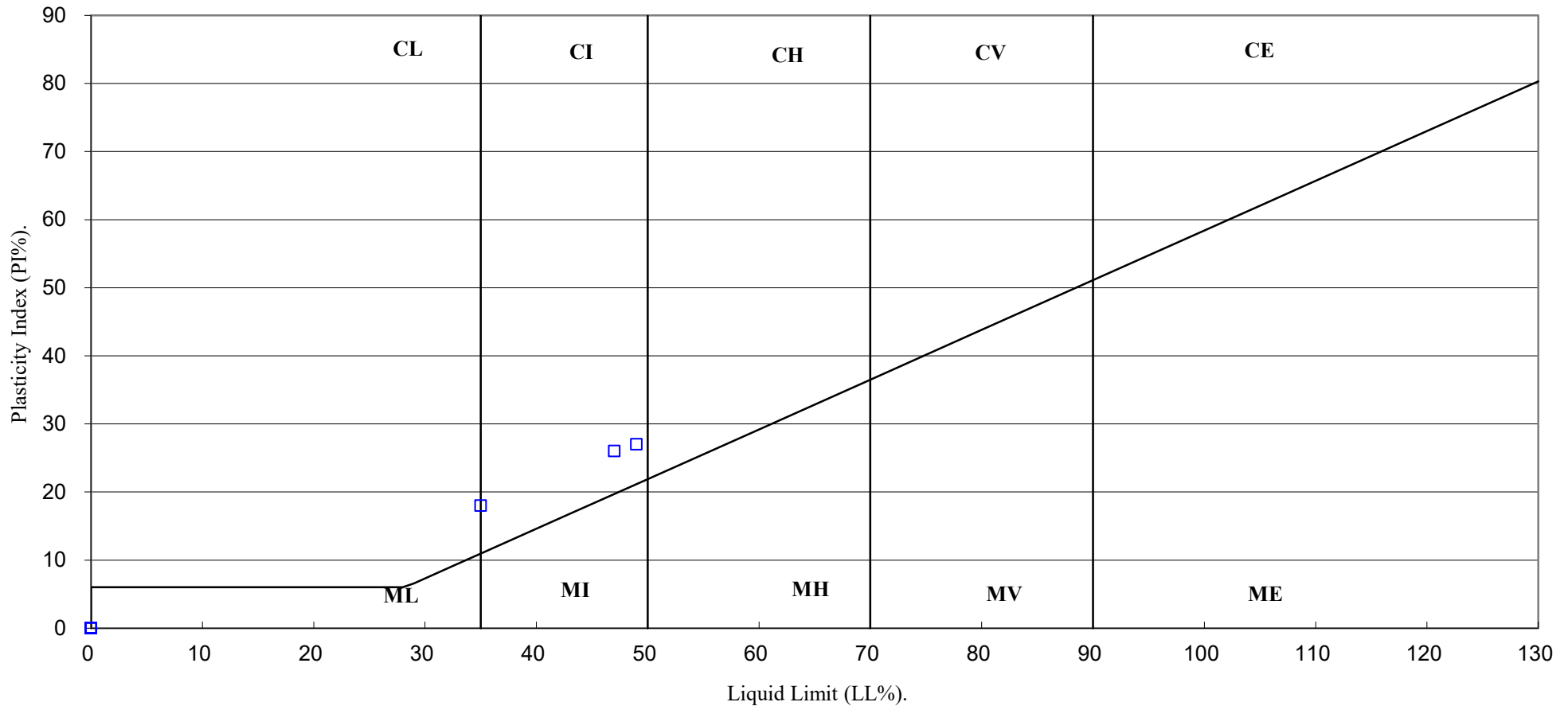
Contract No:

PSL19/4448

Client Ref:

32741

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



4043

PSL

Professional Soils Laboratory

Mossley Road

Contract No:

PSL19/4448

Client Ref:

32741

Appendix II

Waste Transfer Notes



A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1

115659

Date: 16/10/19

Time:

☐ Off Site Customer: A1

Site Address: MOSLEY RD

FALLOFIELD

.....

.....

SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. SAKSD Driver: M BELL

Material Supplied: Description:

Weight:

No. of Loads

1

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

AL ASTLEY

.....

Consignee Signature: [Signature]

Name:

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

Consignment / Waste Transfer Note

A1 104938

Date: 16-10-19

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Time:

☐ Off Site Customer: A1 Services

Site Address: Maseley Rd

Fallowfield

M/CR



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☒ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material

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

Vehicle Reg. No. S19 UDD Driver: Ian W

Material Supplied: Description:

Weight:

No. of Loads

1 x 8m

GROSS WEIGHT	52.0	KG
TARE	13.5	KG
NETT WEIGHT	18.5	KG

Waste Disposal Point

.....

.....

Consignee Signature: K. Butler

Name: K. Butler

**Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol**

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 149328

Date:

Time:

☐ Off Site Customer: CONTRACTOR

Site Address: MOSELEY RD

FALLOW FIELD



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Waste Carriers Licence
No.: CBDU97331

Additional Information: E.G. Wet Material MUCK

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

Vehicle Reg. No. AD16 WY Driver: L. PAUL

Material Supplied: Description:

Weight:

No. of Loads 1

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

Whitehead Restoration, Lower Quarry Road, Astley M29 7JZ (EPR/ZP3433AQ/V003) ☒

BPW Biosoils, Nash Road, Trafford Park. M17 1SX (EPR/CB3200KW/V003) ☐

Manchester Waste Recycling, 4 Overman Way, Swinton M27 8UJ (EPR/MB3034AP) ☐

OTHER: ☐

PERMIT REF:

Consignee Signature: K. BUTLER

Print Name: K. BUTLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

Consignment / Waste Transfer Note

MAYO HOUSE • 4 OVERMAN WAY • AGE CROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

A1

115660

Date: 16/10/19

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Time:

☐ Off Site Customer: A1

Site Address: MOSELEY RD

FALLOWFIELD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. S19KSD Driver: M BELL

Material Supplied: Description:

Weight:

No. of Loads 1

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

A1 ASTLEY

Consignee Signature: [Signature]

Printer Name:

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123664

Date: 16/10/19

Time:

☐ Off Site Customer: A1

Site Address: HOSLEIGH RD.



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material

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

Vehicle Reg. No. LK64 CPO Driver: GRAY

Material Supplied: Description: MUCK

Weight:

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

No. of Loads

Waste Disposal Point

Consignee Signature: [Signature]

Print Name:

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123663

Date: 16/10/19

Time:

☒ Off Site Customer: A1 Services

Site Address: Mosely Rd

Fallow Field



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. MW67 OOB Driver: INCE

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

Consignee Signature: S. B. [Signature]

Print Name:

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 149329

Date:

Time:

☒ Off Site Customer: Contar

Site Address: MOSELEY RD

FALLOW FIELD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Waste Carriers Licence
No.: CBDU97331

Additional Information: E.G. Wet Material muck

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

Vehicle Reg. No. AD16WAY Driver: L PAUL

Material Supplied: Description:

No. of Loads 1 Weight:

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

Whitehead Restoration, Lower Quarry Road, Astley M29 7JZ (EPR/ZP3433AQ/V003) ☒

BPW Biosoils, Nash Road, Trafford Park. M17 1SX (EPR/CB3200KW/V003) ☐

Manchester Waste Recycling, 4 Overman Way, Swinton M27 8UJ (EPR/MB3034AP) ☐

OTHER: ☐

PERMIT REF:

Consignee Signature: [Signature]

Name: K BUTLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123667

Date: 16/10/19

Time:

☒ Off Site Customer: A1 Services

Site Address: Maseley Rd

Fallowfield



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. MW67 008 Driver: INCE

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

Consignee Signature: [Signature]

Printer Name:

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123665

Date: 16-10-19

Time:

☐ Off Site Customer: A1

Site Address: MOSELEY RD

M14

.....

.....

SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material

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

Vehicle Reg. No. LK 64 CPO Driver: GRAY

Material Supplied: Description: MUCK AWAY

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

.....

.....

Consignee Signature: RD

Name: K. BULLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 115661

Date: 16/10/19

Time:

☐ Off Site Customer: A1

Site Address: MOSELEY RD

FALLOWFIELD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. S19KSO Driver: M BELL

Material Supplied: Description:

Weight:

No. of Loads

1

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

A1 ASTLEY

Consignee Signature: [Signature]

Name: K BUTLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1

149330

Date: 16.10.19

Time:

☒ Off Site Customer: CONTR

Site Address: MOSELEY RD

FALLOWFIELD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Waste Carriers Licence
No.: CBDU97331

Additional Information: E.G. Wet Material muck

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

Vehicle Reg. No. ADIGWAY Driver: L PAUL

Material Supplied: Description:

Weight:

No. of Loads 1

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

Whitehead Restoration, Lower Quarry Road, Astley M29 7JZ (EPR/ZP3433AQ/V003) ☒

BPW Biosoils, Nash Road, Trafford Park. M17 1SX (EPR/CB3200KW/V003) ☐

Manchester Waste Recycling, 4 Overman Way, Swinton M27 8UJ (EPR/MB3034AP) ☐

OTHER: ☐

PERMIT REF:

Consignee Signature: [Signature]

Print Name: K BUTLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123668

Date: 16/10/19

Time:

☐ Off Site Customer: A1 Services

Site Address: Moseley Rd

Fallowfield



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. MW67 OOB Driver: INCE

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

.....

.....

Consignee Signature: [Signature]

Printer Name:

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1

115657

Date: 15/10/19

Time:

☐ Off Site Customer: A1

Site Address: MOSELEY RD

FALLOWFIELD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☒ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. S19KSD Driver: M. BELL

Material Supplied: Description:

Weight:

No. of Loads

3

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

A1 ASTLEY

Consignee Signature: [Signature]

Printer Name: L. BUTLER

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123661

Date: 15/10/19

Time:

☒ Off Site Customer: A1 Services

Site Address: Moseley Road

Fallowfield

M14 6NR



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. MW67 OOB Driver: INCE

Material Supplied: Description:

Weight:

No. of Loads

.....

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

.....

.....

Consignee Signature: K Butler

Print Name: K Butler

**Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol**

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

Consignment / Waste Transfer Note

A1

104967

Date: 15.10.18

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Time:

☒ Off Site Customer: A1 SERVICE

Site Address: MOSLEY RD

FALLOW FIELD



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material much 40t4

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

Vehicle Reg. No. S29KED Driver: TAD 4m

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT	31000	KG
TARE	113000	KG
NETT WEIGHT	178000	KG

Waste Disposal Point

.....

.....

Consignee Signature: K.B. Butler

Printer Name: K.B. Butler

**Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol**

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123660

Date: 15/10/19

Time:

☒ Off Site Customer: A1 SERVICES

Site Address: Moseley Rd

Fallow Field

M14 LNR



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. MW67 OOB Driver: INKE

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

.....

.....

Consignee Signature: K Butler

Name: K Butler

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 104934

Date: 15-10-19

Time:

☐ Off Site Customer: A1 Services
Site Address: Mosley Rd
Fallowfield



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. S191SD Driver: Ian W

Material Supplied: Description:

Weight:

No. of Loads

1x8wc

GROSS WEIGHT	32.0	KG
TARE	13.5	KG
NETT WEIGHT	18.5	KG

Waste Disposal Point

.....

.....

Consignee Signature: K Butler

Name: K Butler

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

Consignment / Waste Transfer Note

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

A1

115655

Date: 15.10.19

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Time:

☐ Off Site Customer: A1

Site Address: MOSELEY RD.

FALANCI RD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. S19KSO Driver: M. BELL

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

A1 ASTLEY

Consignee Signature: K. Butler

Name: K. BUTLER

*Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol*

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123659

Date: 15/10/19

Time:

☒ Off Site Customer:

Site Address: Mossley Rd

Fallowfield

M14 6NR



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. MW67 OOB Driver: INCE

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

Consignee Signature: K Butler

Printer Name: K Butler

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1

115656

Date: 15/10/19

Time:

☐ Off Site Customer: A1

Site Address: MOSELEY RD

FALLOWFIELD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. S19KSD Driver: M BELL

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

A1 ASTLEY

Consignee Signature: [Signature]

Name: K BUTLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

Consignment / Waste Transfer Note

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

A1 104935

Date: 15-10-19

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Time:

☐ **Off Site** Customer: A1 Services
Site Address: Mosely Rd
Fallowfield
M14



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. S19 BSD Driver: IAN L

Material Supplied: Description:

Weight:

No. of Loads

1 x 8WLC

GROSS WEIGHT	37.0	KG
TARE	13.5	KG
NETT WEIGHT	18.5	KG

Waste Disposal Point

.....
.....

Consignee Signature: [Signature]

Print Name: [Signature]

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / waste transfer note

A1 104936

Date: 15-10-19

Time:

☐ Off Site Customer: A1 Services
Site Address: Maseley Rd
Fallowfield
M14 6CR



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. 519 BSS Driver: Ian W

Material Supplied: Description:

Weight:

No. of Loads

158010

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

.....
.....

Consignee Signature: [Signature]

Print Name: K Butler

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy Blue Copy - Customer Copy Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK

SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 123662

Date: 15/10/19

Time:

☐ Off Site Customer: A1 Services

Site Address: Macclesley Rd

Fallow Field

M14 6NR



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. MW67 OOB Driver: INCE

Material Supplied: Description:

Weight:

No. of Loads

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

.....

.....

Consignee Signature: K Butler

Print Name: K BUTLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 115658

Date:

Time:

☐ Off Site Customer: A1

Site Address: MOSELEY RD

FALLOWFIELD



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☒ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material

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

Vehicle Reg. No. S19KSD Driver: M BELL

Material Supplied: Description:

Weight:

No. of Loads

1

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

A1 ASTLEY

Consignee Signature: K BUTLER

Name: K BUTLER

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1 104937

Date: 15-10-19

Time:

☐ Off Site Customer: A1 Services

Site Address: Mosley RD

Fallowfield

.....

SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck away

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

Vehicle Reg. No. S19 BSD Driver: Ian W

Material Supplied: Description:

Weight:

No. of Loads

.....

GROSS WEIGHT		KG
TARE		KG
NETT WEIGHT		KG

Waste Disposal Point

.....

.....

Consignee Signature: K Butler

Print Name: K Butler

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Consignment / Waste Transfer Note

A1

Date: 15-10-19

Time:

☐ Off Site Customer: A1 Services

Site Address: Moseley RD

Fallowfield

MCR



SIC Code (Tick as Applicable)

- ☒ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☒ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material Muck Away

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

Vehicle Reg. No. S19 BSD Driver: Ian W

Material Supplied: Description:

Weight:

No. of Loads

1 x 8wc

GROSS WEIGHT	32	KG
TARE	13.5	KG
NETT WEIGHT	18.5	KG

Waste Disposal Point

.....
.....

Consignee Signature: KR

Print Name: K Butler

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

A1 SERVICES (MANCHESTER) LTD.

MAYO HOUSE • 4 OVERMAN WAY • AGECROFT COMMERCE PARK
SWINTON • MANCHESTER • M27 8BQ

T: 0161 736 2020 • E: info@a1services-manchester.co.uk

Consignment / Waste Transfer Note

A1

104966

Date: 15/10/18

OFF SITE DISPOSAL OF HAZARDOUS NON HAZARDOUS & INERT SOILS

Time:

☒ Off Site Customer: A1 SERVICE

Site Address: MOSSLEY ROAD

FALLOWFIELD

.....



SIC Code (Tick as Applicable)

- ☐ 41202 Construction of Domestic Buildings
☐ 41201 Construction of Commercial Buildings
☐ 42110 Construction of Roads & Motorways
☐ 43990 Other Specialised Construction Activities

Description of Waste (Tick as Applicable)

- ☐ EWC 17 05 04 Soils & Stone
☐ EWC 17 01 01 Concrete
☐ EWC 17 01 02 Bricks
☐ EWC 17 03 02 Bituminous Mixtures (Tarmac)
☐ EWC 17 01 07 Mixture of Concrete, Brick, Tiles, Ceramics

Additional Information: E.G. Wet Material MUCK AWAY

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

Vehicle Reg. No. S89KLD Driver: ADAM

Material Supplied: Description:

Weight:

No. of Loads

1x Subsoiler

GROSS WEIGHT	31000	KG
TARE	13000	KG
NETT WEIGHT	18000	KG

Waste Disposal Point

.....

.....

Consignee Signature: KEV

Name: K. V. D. K.

Recycled Aggregates
are produced in
compliance with
WRAP Quality Protocol

It is essential that all written particulars entered above should be carefully checked by the consignee since this consignment note once signed by the consignee represents total acceptance and no subsequent complaints can be accepted. It is the responsibility of the Customer to supply a Banksman if the vehicle is required to travel off the public highway. The customer is also responsible for any damage caused to vehicles and property.

White Copy - A1 Office Copy

Blue Copy - Customer Copy

Pink Copy - Hauliers Copy

Appendix III

Cover System Validation



Site: Moseley Road

Date: 05-09-2020	Project Number: 13-443
Project Manager: A. Smith	E3P Engineer: M. Whittaker
Plot Numbers Validated: Plot A & B (Rear Garden of No. 19 Moseley Road)	

Chemical Laboratory Analysis

Analysis for topsoil and subsoil undertaken by I2 Analytical Laboratory using UKAS accredited methods where applicable.

Chemical analysis suite comprises heavy metals, sulphates, phenols, speciated Polycyclic Aromatic Hydrocarbons (PAHs), speciated and total Petroleum Hydrocarbons (TPH) and asbestos. Sampling frequency in accordance with the agreed Remediation Strategy. Laboratory analysis certificates attached to this validation certificate.

	Topsoil	Subsoil
<i>Chemical analysis confirmed materials suitable?</i>	Pass	N/A
<i>Further Comments</i>	N/A	N/A



Plot No: A

Depth of Strata (m bgl)	0.30	Validated TOPSOIL
	N/A	Validated SUBSOIL

Depth of Cover System Materials



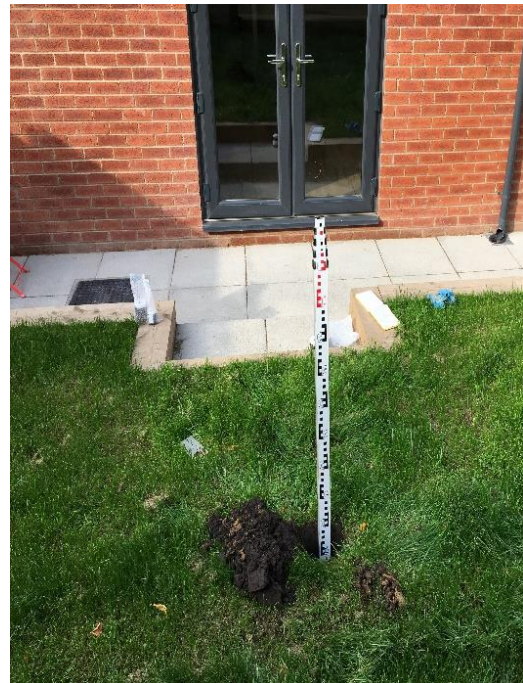
Depth of Cover System Materials



Depth of Cover System at Ground Level



Depth of Cover System in Relation to Plot



Plot No: B

Depth of Strata (m bgl)	0.20	Validated TOPSOIL
	N/A	Validated SUBSOIL

Depth of Cover System Materials



Depth of Cover System Materials



Depth of Cover System at Ground Level

Depth of Cover System in Relation to Plot





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

Attention: Philippa Lambourne

Our Ref: SLC-848-SA

29 July 2020

Dear Philippa

Topsoil Analysis Report: Astley, Greater Manchester Topsoil – July 2019

We have completed the analysis of the topsoil sample recently taken from the above site and have the pleasure of reporting our findings. The purpose of the analysis was to determine the suitability of the topsoil for general landscaping purposes.

SOIL SAMPLING & EXAMINATION

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

LABORATORY ANALYSIS

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

- ⊕ pH & electrical conductivity values;
- ⊕ major plant nutrients (N, P, K, Mg) & organic matter content;
- ⊕ particle size distribution and stone content;
- ⊕ heavy metals & potentially toxic elements (As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn, B);
- ⊕ sulphate, sulphur, sulphide;
- ⊕ total cyanide and total (mono) phenols;
- ⊕ speciated PAHs (US EPA16)
- ⊕ banded aromatic and aliphatic petroleum hydrocarbons (C₅-C₃₅).
- ⊕ Asbestos

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

Phone: 01322 619161;

COMMENTS

pH & Electrical Conductivity (salinity) Values

The sample was alkaline in nature (pH 8.5) with a pH value that would be suitable for general landscaping purposes, and in particular for species classified as either *wide pH tolerant* or *lime tolerant*.

The electrical conductivity value using the soil:water extract was low (439µS/cm) indicating that soluble salts are not present at levels that would be harmful to plants.

Organic Matter & Nutrient Status

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

Particle Size Distribution & Stone Content

The sample contained 76% sand and fell into the loamy *sand* texture class. This particle size distribution is considered suitable for a broad range of landscape applications, including tree and shrub planting, turfing and seeding.

The sample was free from stones of 50 mm and upwards in diameter and only contained a slight fraction of smaller stones (0.6%). As such, stones will not restrict the use of the soil for landscaping purposes.

Potential Contaminants

We are not aware of any specified contaminant levels set for the proposed end-use of this topsoil so the following comments are based on the Soil Guideline Values (SGVs) for residential end-use presented in the Contaminated Land Exposure Assessment (CLEA) Model (EA/DEFRA:2002). The SGVs currently only consider a limited range of parameters so where a potential contaminant is not covered by the CLEA Model other relevant schedules for contamination assessment, such as the Dutch Guidelines, and professional judgement have been used.

Of the potential contaminants determined, none was found at levels that would indicate significant contamination.

CONCLUSION

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

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

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

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

Client	Freeland Horticulture Ltd
Job Name	Topsoil Analysis
Site	Astley, Greater Manchester
Month/Year	July 20
Our Ref	0848-SA
Date	29 July 2020

Composite sample

pH Value & Salinity

pH value (1:2.5 soil/water ext)	units	8.5
Electrical Conductivity (1:2.5 soil/water ext)	µS/cm	439
Neutralising Value (CaCO ₃ equivalent)	%	4.4
Neutralising Value (CaO equivalent)	%	2.4

Organic Matter & Nutrient Status

Organic Matter (LOI)	%	5.6
Organic Carbon (Derived)	%	3.3
Total Nitrogen	%	0.213
Carbon:Nitrogen Ratio	:1	15
Available Phosphorus	mg/l	48.0
Available Potassium	mg/l	612
Available Magnesium	mg/l	216

Particle Size Analysis & Stones

Clay (<0.002mm)	%	7
Silt (0.063-0.002mm)	%	15
Sand (2.0-0.063mm)	%	76
Texture Class	UK Class	Very Sand

Stones 2-20mm	% by DW	0.6
Stones 20-50mm	% by DW	0.0
Stones >50mm	% by DW	0.0

Potential Contaminants

Total Arsenic (As)	mg/kg	3.4
Total Cadmium (Cd)	mg/kg	0.16
Total Chromium (Cr)	mg/kg	12.1
Hexavalent Chromium (Cr ^{VI})	mg/kg	<0.1
Total Copper (Cu)	mg/kg	11.8
Total Lead (Pb)	mg/kg	34.6
Total Mercury (Hg)	mg/kg	<0.2
Total Nickel (Ni)	mg/kg	10.4
Total Selenium (Se)	mg/kg	0.12
Total Zinc (Zn)	mg/kg	50.9
Total Beryllium (Be)	mg/kg	<1
Total Barium (Ba)	mg/kg	58.2
Total Vanadium (V)	mg/kg	15.4
Hot Water Soluble Boron (B)	mg/kg	1.5
Total Cyanide (CN)	mg/kg	<1
Elemental Sulphur (S)	mg/kg	<5
Easily Liberated Sulphide (S ²⁻)	mg/kg	<1
Water Soluble Sulphate (SO ₄ ²⁻)	mg/l	85.2
Total Phenols Index	mg/kg	<1
Asbestos Screen	-	N.D.

Client	Freeland Horticulture Ltd
Job Name	Topsoil Analysis
Site	Astley, Greater Manchester
Month/Year	July 20
Our Ref	0848-SA
Date	29 July 2020

Polyaromatic Hydrocarbons

Naphthalene	mg/kg	<0.05
Acenaphthylene	mg/kg	<0.05
Acenaphthene	mg/kg	<0.05
Fluorene	mg/kg	<0.05
Phenanthrene	mg/kg	0.1
Anthracene	mg/kg	<0.05
Fluoranthene	mg/kg	0.4
Pyrene	mg/kg	0.3
Benzo[a]anthracene	mg/kg	0.2
Chrysene	mg/kg	0.3
Benzo[b]fluoranthene	mg/kg	0.3
Benzo[k]fluoranthene	mg/kg	0.1
Benzo[a]pyrene	mg/kg	0.3
Indeno[1,2,3-cd]pyrene	mg/kg	0.2
Dibenzo[a,h]anthracene	mg/kg	<0.1
Benzo[g,h,i]perylene	mg/kg	0.2
Total PAHs sum US EPA 16	mg/kg	2.4

Banded Petroleum Hydrocarbons

Aliphatic TPH >C ₅ -C ₆	mg/kg	<2
Aliphatic TPH >C ₆ -C ₈	mg/kg	<0.4
Aliphatic TPH >C ₈ -C ₁₀	mg/kg	<4
Aliphatic TPH >C ₁₀ -C ₁₂	mg/kg	<4
Aliphatic TPH >C ₁₂ -C ₁₆	mg/kg	<4
Aliphatic TPH >C ₁₆ -C ₂₁	mg/kg	<4
Aliphatic TPH >C ₂₁ -C ₃₅	mg/kg	<9
Aliphatic TPH >C ₃₅ -C ₄₄	mg/kg	<12

Aromatic TPH >C ₅ -C ₇	mg/kg	<0.02
Aromatic TPH >C ₇ -C ₈	mg/kg	<0.02
Aromatic TPH >C ₈ -C ₁₀	mg/kg	<0.02
Aromatic TPH >C ₁₀ -C ₁₂	mg/kg	<4
Aromatic TPH >C ₁₂ -C ₁₆	mg/kg	5.5
Aromatic TPH >C ₁₆ -C ₂₁	mg/kg	7.0
Aromatic TPH >C ₂₁ -C ₃₅	mg/kg	36.1
Aromatic TPH >C ₃₅ -C ₄₄	mg/kg	9.6

Total Petroleum Hydrocarbons (C ₅ -C ₄₄)	mg/kg	58.2
---	-------	------

BTEX

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



Alex Smith
e3p
Taylor Road
Urmston
Manchester
M41 7JQ

e: asmith@e3p.co.uk

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

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 20-30461

Project / Site name:	Moseley Road	Samples received on:	16/09/2020
Your job number:	13-443	Sample instructed/ Analysis started on:	16/09/2020
Your order number:		Analysis completed by:	23/09/2020
Report Issue Number:	1	Report issued on:	23/09/2020
Samples Analysed:	2 soil samples		

Signed: *A. Czerwińska*

Agnieszka Czerwińska

Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

Iss No 20-30461-1 Moseley Road 13-443.XLS

This certificate should not be reproduced, except in full, without the express permission of the laboratory.

The results included within the report relate only to the sample(s) submitted for testing.

Page 1 of 6

Analytical Report Number: 20-30461

Project / Site name: Moseley Road

Lab Sample Number				1622195	1622196			
Sample Reference				Plot A	Plot B			
Sample Number				None Supplied	None Supplied			
Depth (m)				0.10	0.10			
Date Sampled				15/09/2020	15/09/2020			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1			
Moisture Content	%	N/A	NONE	23	20			
Total mass of sample received	kg	0.001	NONE	0.49	0.47			

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected			
------------------	------	-----	-----------	--------------	--------------	--	--	--

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	7.6			
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1			
Total Sulphate as SO ₄	mg/kg	50	MCERTS	410	370			
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	160	190			
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.079	0.095			
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	78.9	94.9			
Sulphide	mg/kg	1	MCERTS	15	19			
Total Sulphur	mg/kg	50	MCERTS	600	600			

Total Phenols

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

Analytical Report Number: 20-30461

Project / Site name: Moseley Road

Lab Sample Number				1622195	1622196			
Sample Reference				Plot A	Plot B			
Sample Number				None Supplied	None Supplied			
Depth (m)				0.10	0.10			
Date Sampled				15/09/2020	15/09/2020			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Phenanthrene	mg/kg	0.05	MCERTS	0.25	0.21			
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Fluoranthene	mg/kg	0.05	MCERTS	0.50	0.46			
Pyrene	mg/kg	0.05	MCERTS	0.53	0.48			
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.34	0.28			
Chrysene	mg/kg	0.05	MCERTS	0.26	0.25			
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05			
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	1.88	1.68			

Analytical Report Number: 20-30461

Project / Site name: Moseley Road

Lab Sample Number				1622195	1622196			
Sample Reference				Plot A	Plot B			
Sample Number				None Supplied	None Supplied			
Depth (m)				0.10	0.10			
Date Sampled				15/09/2020	15/09/2020			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.3	8.5			
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2			
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0			
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	14	15			
Copper (aqua regia extractable)	mg/kg	1	MCERTS	24	24			
Lead (aqua regia extractable)	mg/kg	1	MCERTS	30	30			
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3			
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	11	11			
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0			
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	65	61			

Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0	< 1.0			
TPH (C6 - C8)	mg/kg	0.1	MCERTS	< 0.1	< 0.1			
TPH (C8 - C10)	mg/kg	0.1	MCERTS	< 0.1	< 0.1			
TPH (C10 - C12)	mg/kg	2	MCERTS	< 2.0	< 2.0			
TPH (C12 - C16)	mg/kg	4	MCERTS	< 4.0	< 4.0			
TPH (C16 - C21)	mg/kg	1	MCERTS	< 1.0	< 1.0			
TPH (C21 - C35)	mg/kg	1	MCERTS	< 1.0	< 1.0			
TPH (C35 - C40)	mg/kg	10	MCERTS	< 10	< 10			
TPH Total C5 - C40	mg/kg	10	MCERTS	< 10	< 10			



Analytical Report Number : 20-30461

Project / Site name: Moseley Road

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1622195	Plot A	None Supplied	0.10	Brown loam and clay with gravel and vegetation.
1622196	Plot B	None Supplied	0.10	Brown loam and clay with gravel and vegetation.

Analytical Report Number : 20-30461

Project / Site name: Moseley Road

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 dphenylcarbazine followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode.	In-house method	L010-PL	D	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.