



CERTIFICATE OF ANALYSIS

Validated

SDG: 211014-51
Client Ref.: NUR1093

Report Number: 617978
Location: Oxford Road, Manchester

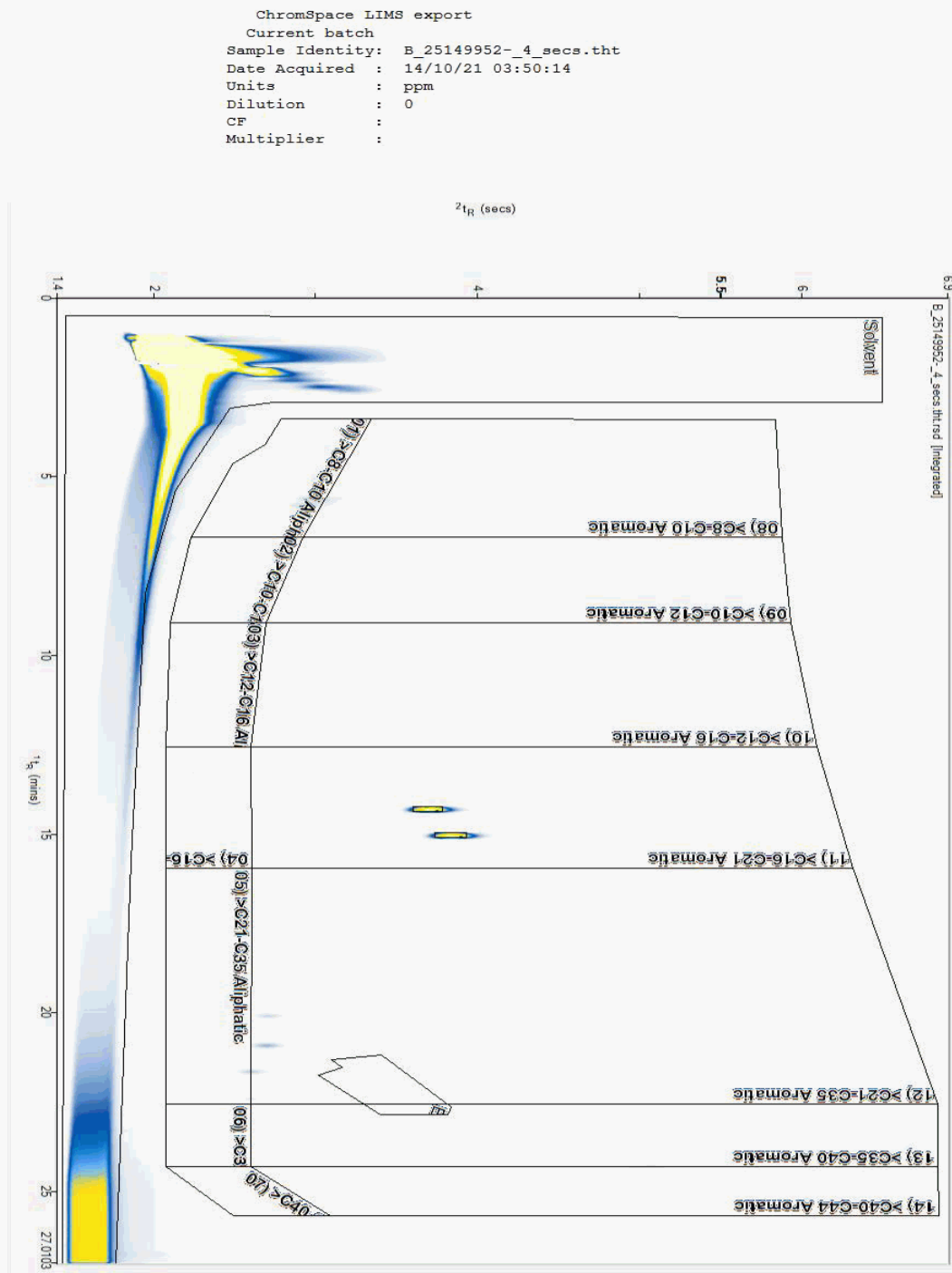
Superseded Report:

Chromatogram

Analysis: EPH CWG GC (S)

Sample No : 25149952
Sample ID : SWS1

Depth : 0.70 - 0.80





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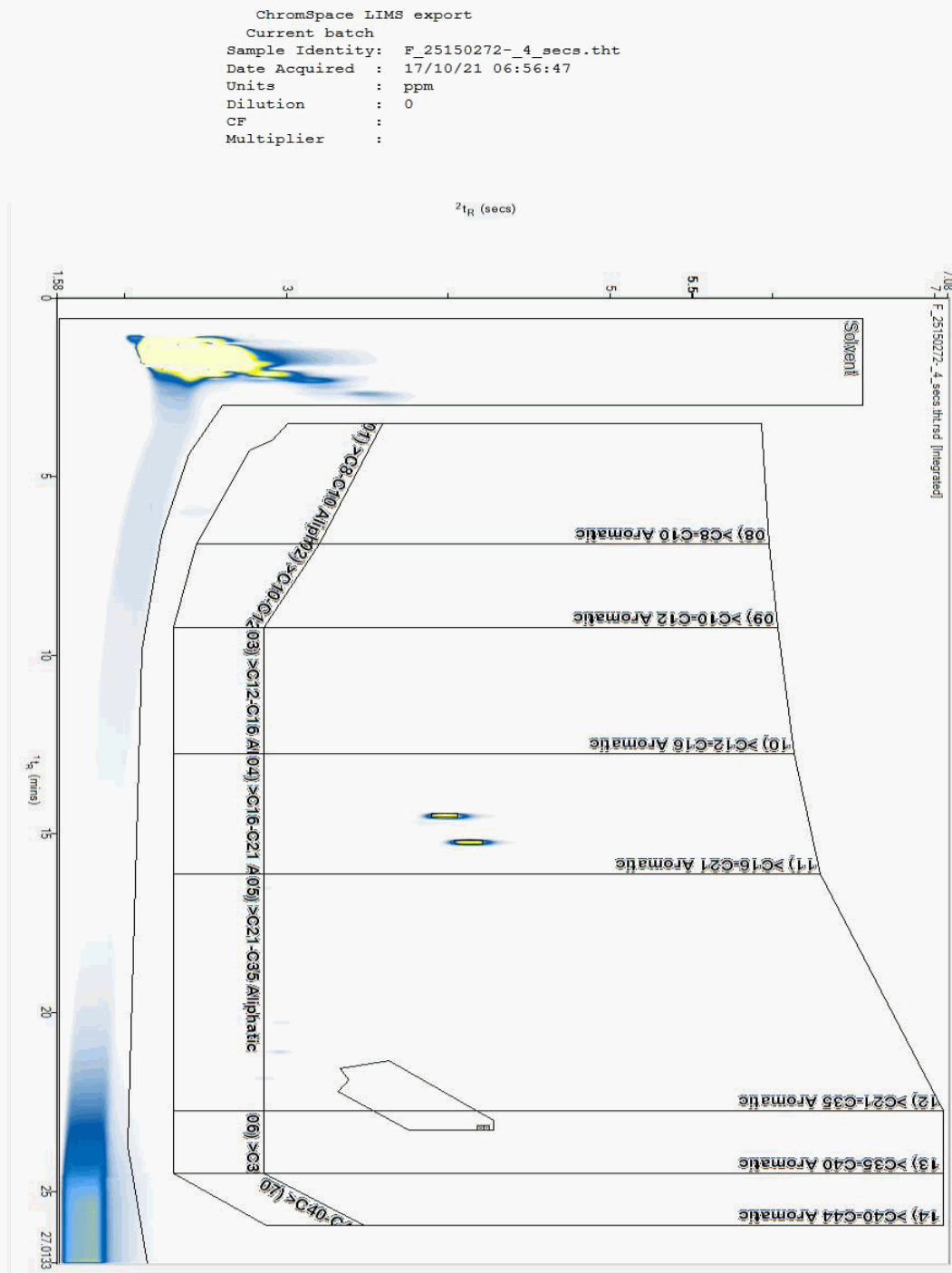
Superseded Report:

Chromatogram

Analysis: EPH CWG GC (S)

Sample No : 25150272
Sample ID : SWE1

Depth : 0.70 - 0.80





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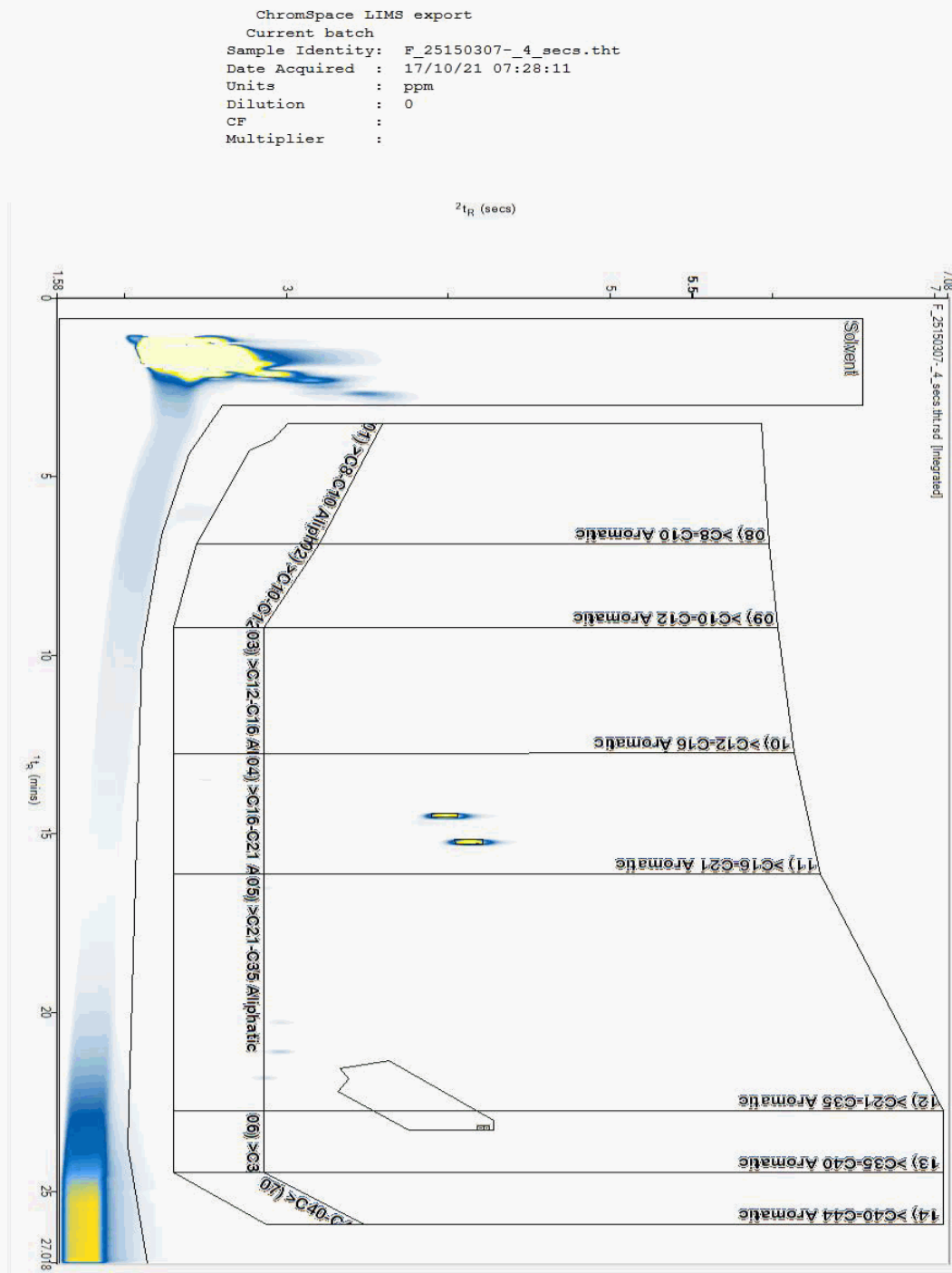
Superseded Report:

Chromatogram

Analysis: EPH CWG GC (S)

Sample No : 25150307
Sample ID : SWN1

Depth : 0.60 - 0.70





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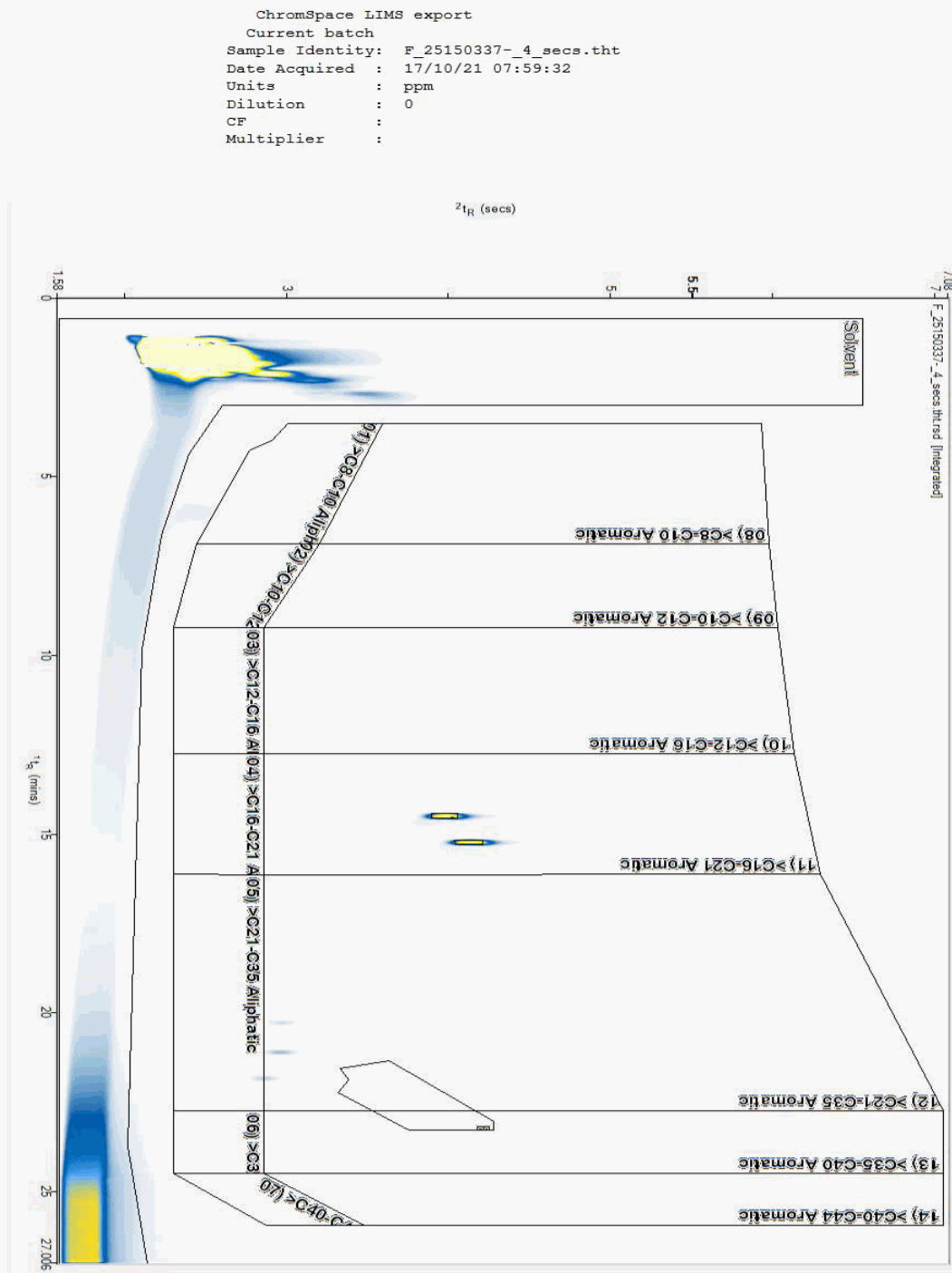
Superseded Report:

Chromatogram

Analysis: EPH CWG GC (S)

Sample No : 25150337
Sample ID : B1

Depth : 1.30 - 1.40





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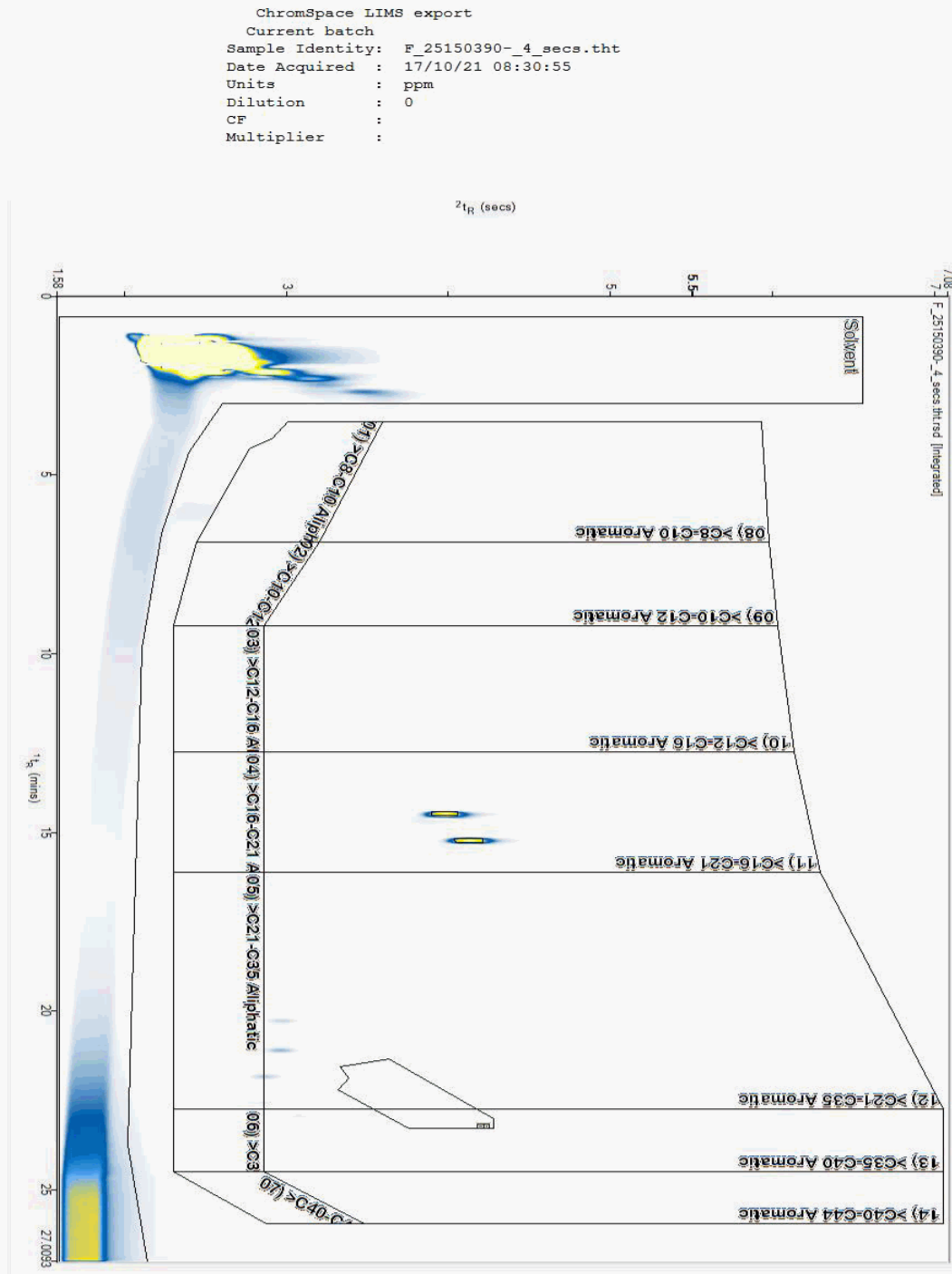
Superseded Report:

Chromatogram

Analysis: EPH CWG GC (S)

Sample No : 25150390
Sample ID : SWW1

Depth : 0.80 - 0.90





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Location: Oxford Road, Manchester

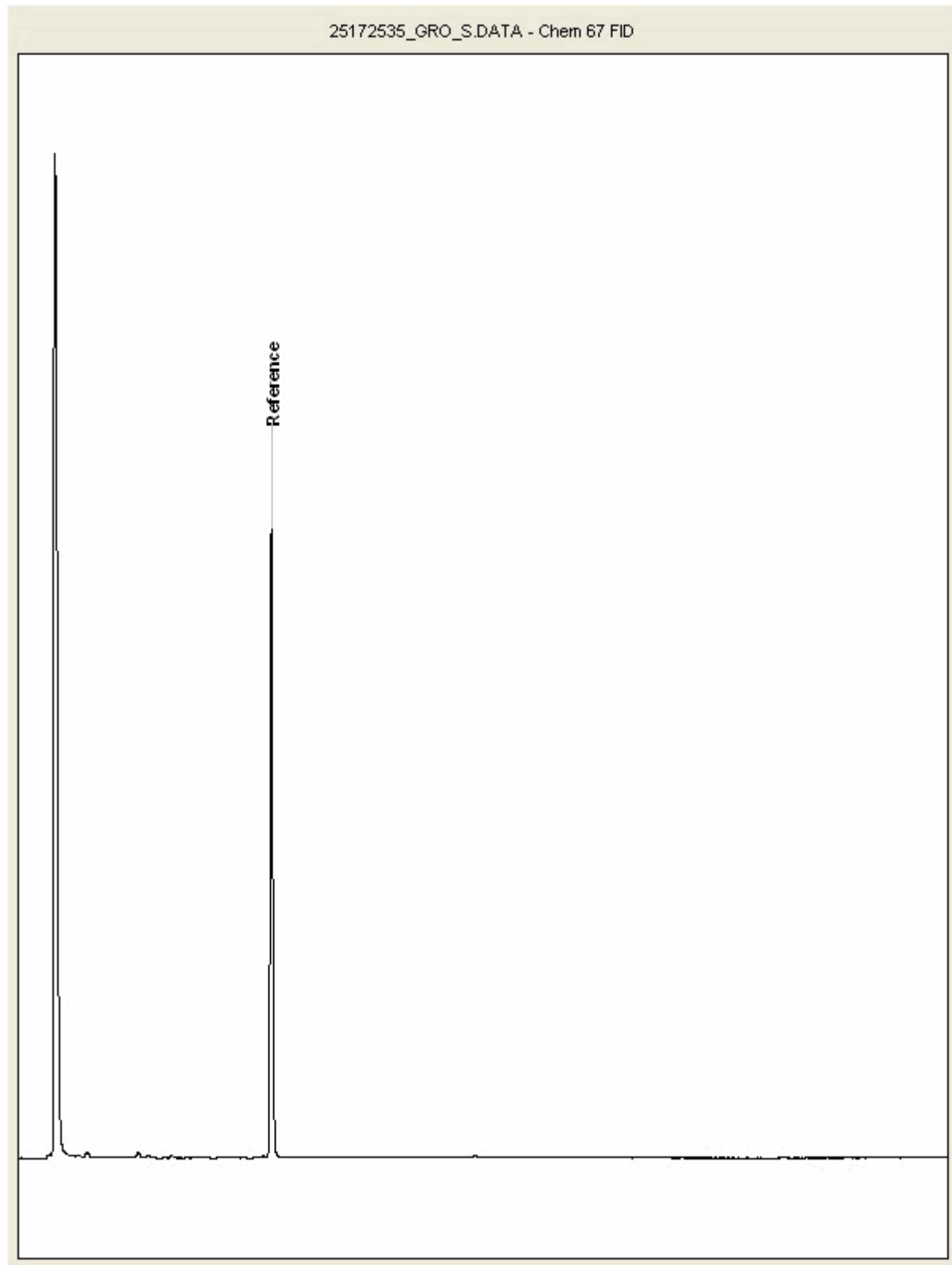
Superseded Report:

Chromatogram

Analysis: GRO by GC-FID (S)

Sample No : 25172535
Sample ID : SWS1

Depth : 0.70 - 0.80





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Report Number: 617978
Location: Oxford Road, Manchester

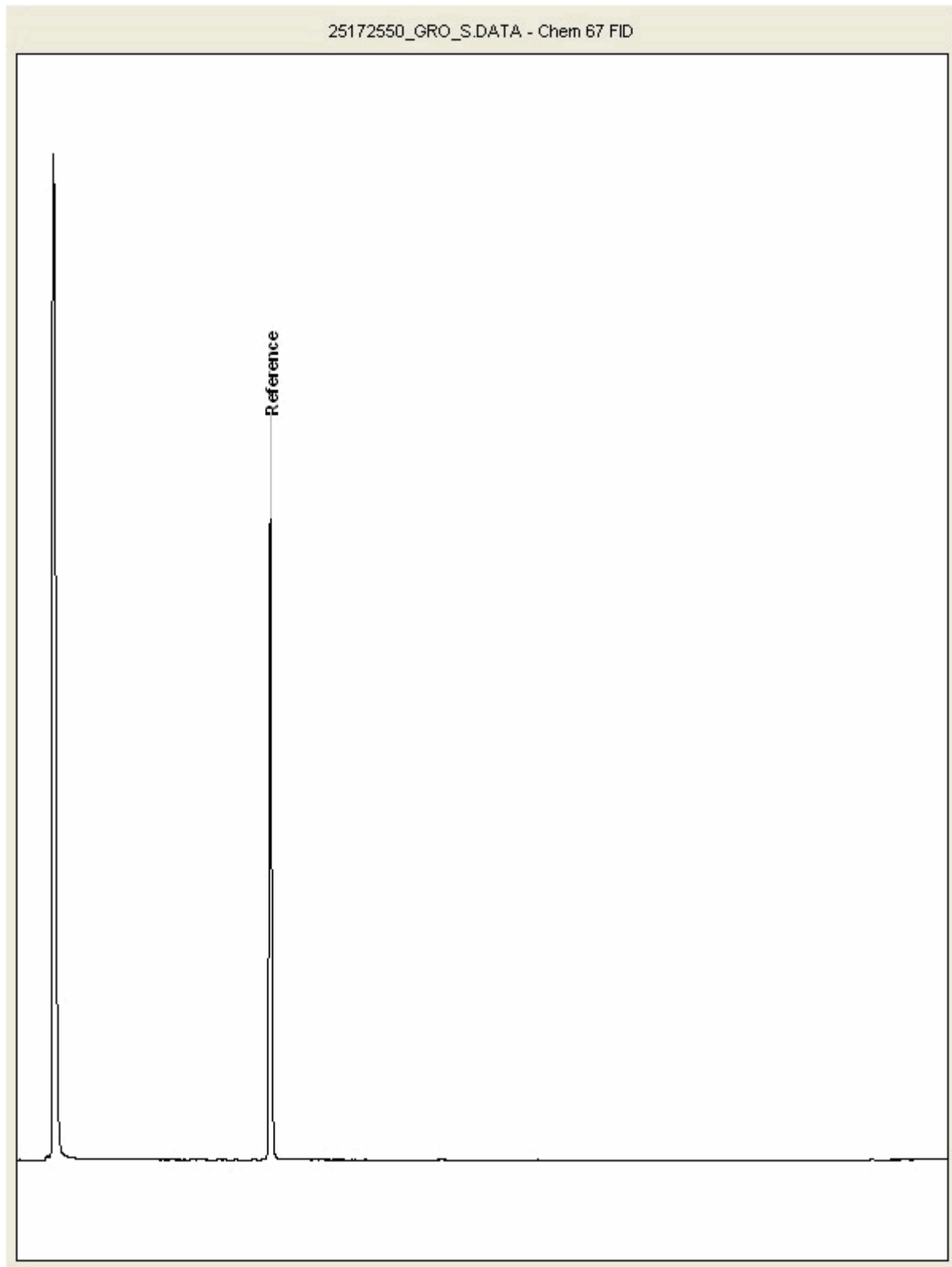
Superseded Report:

Chromatogram

Analysis: GRO by GC-FID (S)

Sample No : 25172550
Sample ID : SWE1

Depth : 0.70 - 0.80





CERTIFICATE OF ANALYSIS

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Client Ref.: NUR1093

Report Number: 617978
Location: Oxford Road, Manchester

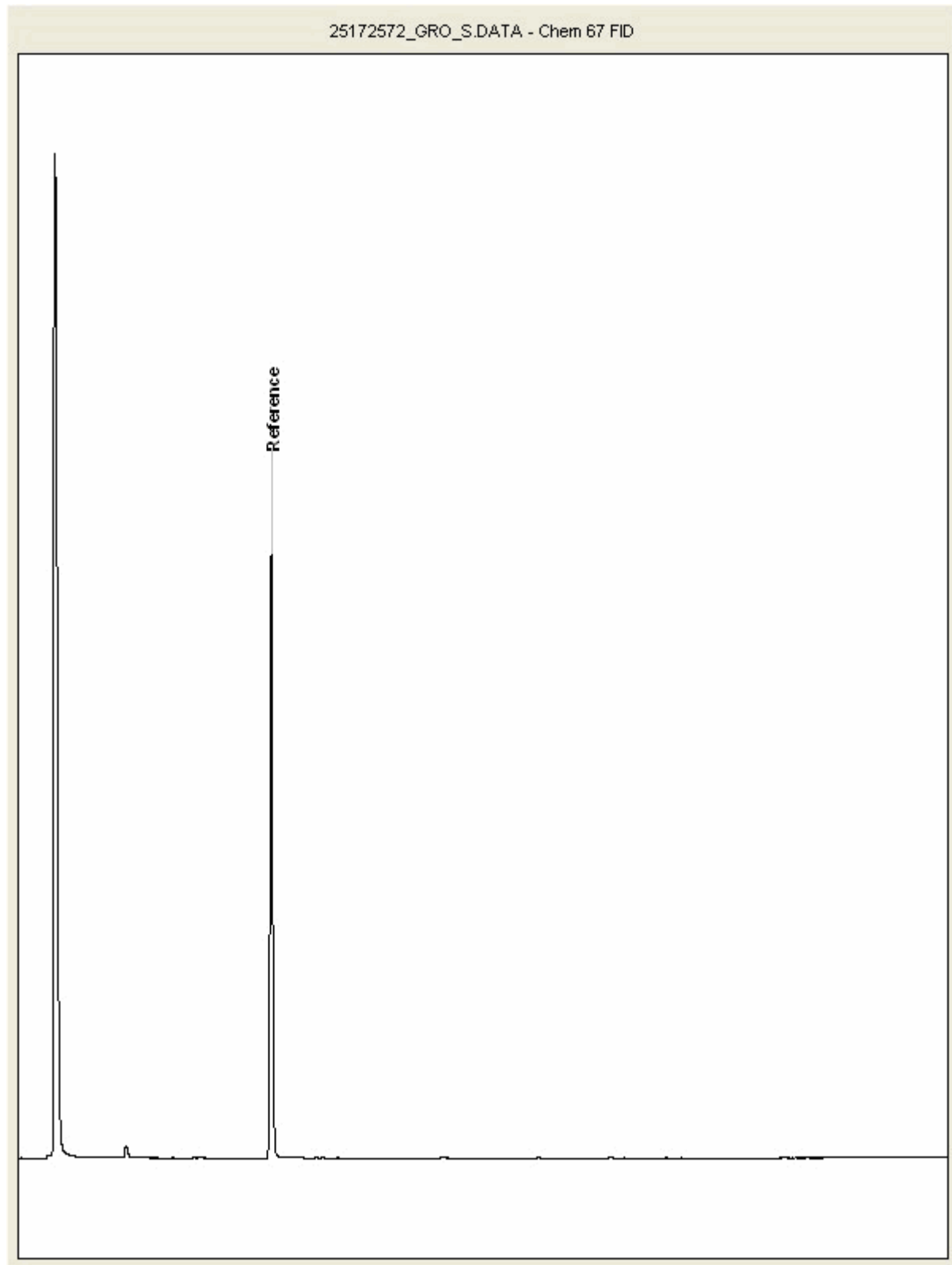
Superseded Report:

Chromatogram

Analysis: GRO by GC-FID (S)

Sample No : 25172572
Sample ID : B1

Depth : 1.30 - 1.40





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Client Ref.: NUR1093

Report Number: 617978
Location: Oxford Road, Manchester

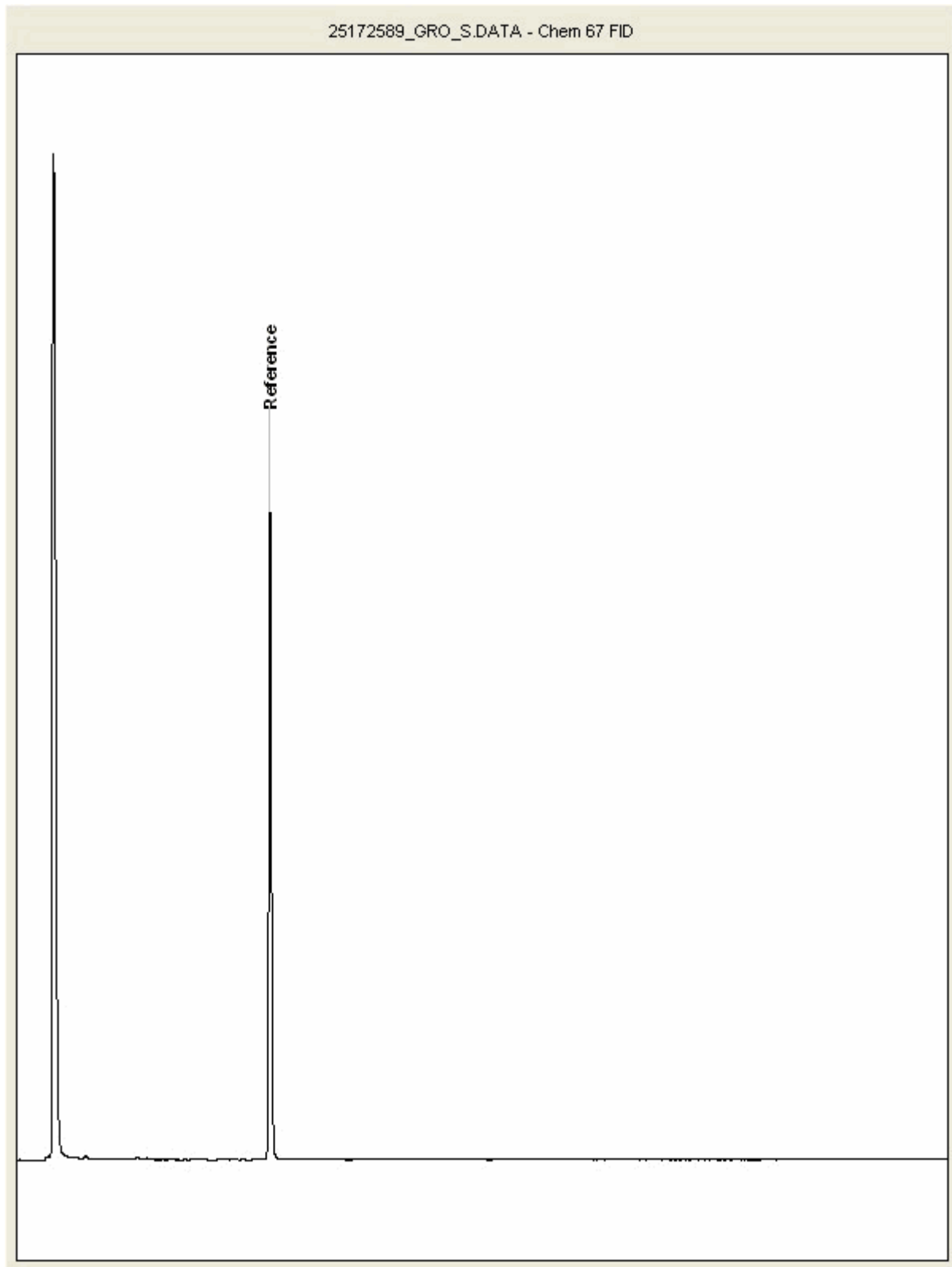
Superseded Report:

Chromatogram

Analysis: GRO by GC-FID (S)

Sample No : 25172589
Sample ID : SWN1

Depth : 0.60 - 0.70





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Report Number: 617978
Location: Oxford Road, Manchester

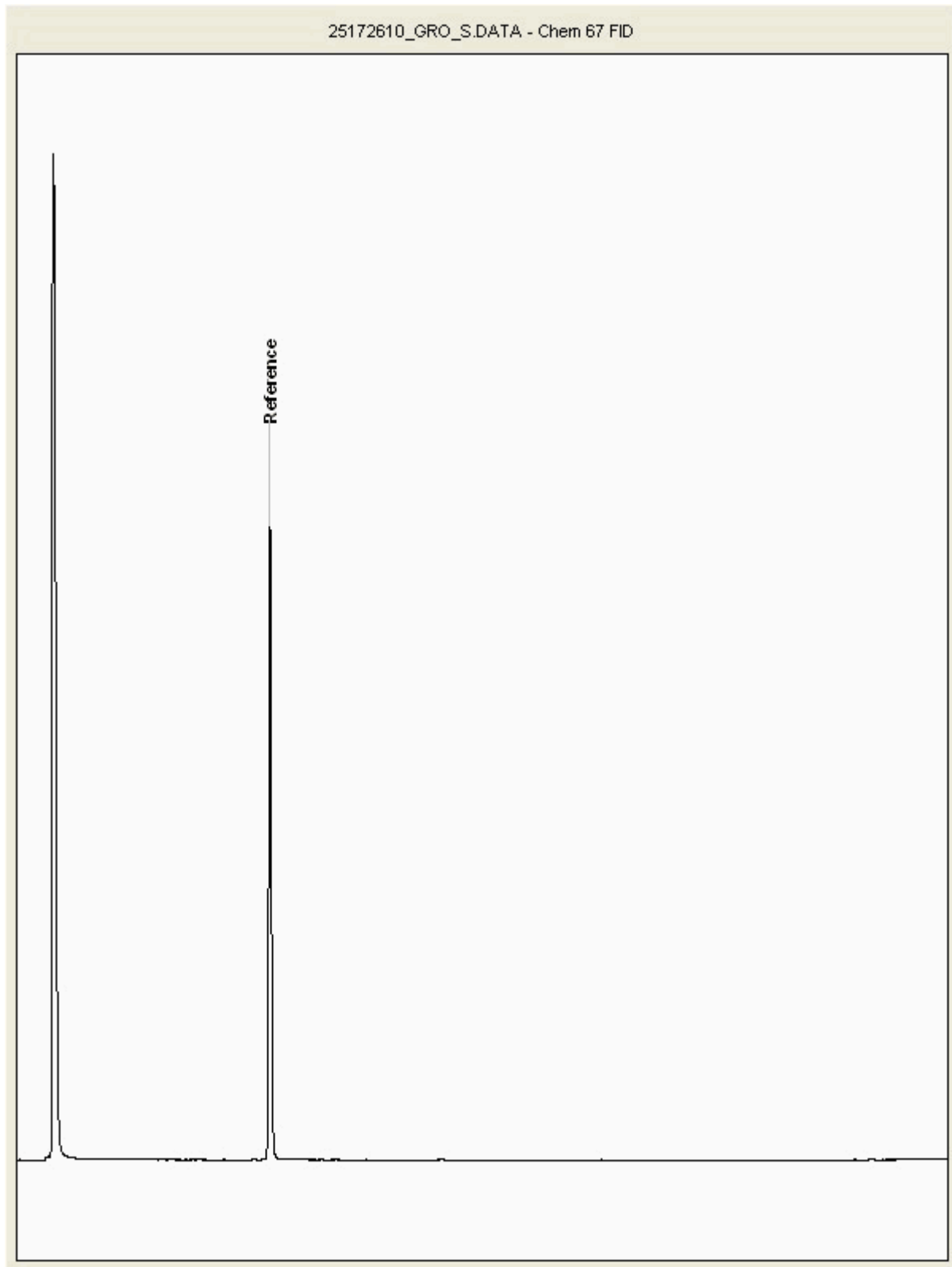
Superseded Report:

Chromatogram

Analysis: GRO by GC-FID (S)

Sample No : 25172610
Sample ID : SWW1

Depth : 0.80 - 0.90





CERTIFICATE OF ANALYSIS

SDG:	211014-51	Client Reference:	NUR1093	Report Number:	617978
Location:	Oxford Road, Manchester	Order Number:	CN6389	Superseded Report:	

Appendix

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH₄ by the BRE method, VOC TICs and SVOC TICs.

2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.

3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.

4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.

5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.

6. NDP - No determination possible due to insufficient/unsuitable sample.

7. Results relate only to the items tested.

8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.

9. **Surrogate recoveries** - Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.

10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.

11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.

12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.

13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.

14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.

15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials - whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

General

18. **Tentatively Identified Compounds (TICs)** are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised.

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
◆	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials are obtained from supplied bulk materials which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

Respirable Fibres

Respirable fibres are defined as fibres of <3 µm diameter, longer than 5 µm and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

APPENDIX F

Human Health GAC Screening Sheet

Determinands	Units	Commercial GAC	Exceedences	B1 1.30-1.40	SWE1 0.70-0.80	SWN1 0.60-0.70	SWS1 0.70-0.80	SWW1 0.80-0.90
Acenaphthene	mg/kg	84000	0	<0.008	<0.008	<0.008	<0.008	<0.008
Acenaphthylene	mg/kg	83000	0	<0.012	<0.012	<0.012	<0.012	<0.012
Anthracene	mg/kg	520000	0	<0.016	<0.016	<0.016	<0.016	<0.016
Benzo[a]anthracene	mg/kg	170	0	<0.014	<0.014	<0.014	<0.014	<0.014
Benzo[a]pyrene	mg/kg	35	0	<0.015	<0.015	<0.015	<0.015	<0.015
Benzo[b]fluoranthene	mg/kg	44	0	0.0226	<0.015	0.0176	<0.015	0.0216
Benzo[g,h,i]perylene	mg/kg	3900	0	<0.024	<0.024	<0.024	<0.024	<0.024
Benzo[k]fluoranthene	mg/kg	1200	0	<0.014	<0.014	<0.014	<0.014	<0.014
Chrysene	mg/kg	350	0	0.0148	<0.01	<0.01	<0.01	0.0132
Dibenzo[a,h]anthracene	mg/kg	3.5	0	<0.023	<0.023	<0.023	<0.023	<0.023
Fluoranthene	mg/kg	23000	0	<0.017	<0.017	<0.017	<0.017	<0.017
Fluorene	mg/kg	63000	0	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno[1,2,3-cd]pyrene	mg/kg	500	0	<0.018	<0.018	<0.018	<0.018	<0.018
Naphthalene	mg/kg	190	0	<0.009	<0.009	<0.009	<0.009	<0.009
Phenanthrene	mg/kg	22000	0	0.0366	0.0179	0.0199	<0.015	0.0218
Pyrene	mg/kg	54000	0	0.0215	0.0179	<0.015	<0.015	0.0217
Aliphatics >C5-C6	mg/kg	3200	0	<0.01	<0.01	<0.01	0.0302	<0.01
Aliphatics >C6-C8	mg/kg	7800	0	<0.01	<0.01	<0.01	0.0568	<0.01
Aliphatics >C8-C10	mg/kg	2000	0	<0.01	<0.01	<0.01	0.0568	<0.01
Aliphatics >C10-C12	mg/kg	9700	0	<1.00	<1.00	<1.00	<1.00	<1.00
Aliphatics >C12-C16	mg/kg	59000	0	<1.00	<1.00	<1.00	<1.00	<1.00
Aliphatics >C16-C21	mg/kg	1600000	0	<1.00	<1.00	<1.00	<1.00	<1.00
Aliphatics >C21-C35	mg/kg		0	<1.00	1.05	<1.00	<1.00	<1.00
Aromatics >EC5-EC7	mg/kg	26000	0	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >EC7-EC8	mg/kg	56000	0	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >EC8-EC10	mg/kg	3500	0	<0.01	<0.01	<0.01	0.0383	<0.01
Aromatics > EC10-EC12	mg/kg	16000	0	<1.00	<1.00	<1.00	<1.00	<1.00
Aromatics > EC12-EC16	mg/kg	36000	0	<1.00	<1.00	<1.00	<1.00	<1.00
Aromatics > EC16-EC21	mg/kg	28000	0	<1.00	<1.00	<1.00	<1.00	<1.00
Aromatics > EC21-EC35	mg/kg	28000	0	1.16	<1.00	<1.00	<1.00	1.17
Benzene	mg/kg	27	0	<0.18	<0.18	<0.18	<0.18	<0.009
Ethylbenzene	mg/kg	5700	0	<0.08	<0.08	<0.08	<0.08	<0.004
Toluene	mg/kg	56000	0	<0.14	<0.14	<0.14	<0.14	<0.007
o-Xylenes	mg/kg	6600	0	<0.2	<0.2	<0.2	<0.2	<0.01
m/p-Xylene	mg/kg	5900	0	<0.2	<0.2	<0.2	<0.2	<0.01
Sum of Detected Xylenes	mg/kg	5900	0	<0.4	<0.4	<0.4	<0.4	<0.02

GACs - Generic Assessment Criteria

a. LQM S4ULs - Land Quality Management Suitable for Use

b. CL:AIRE : 2013 : Development of Category 4 Screening Levels

Key:

Exceeds GACs

APPENDIX G

Copies of Waste Transfer Notes

Adler and Allan Group,
Registered Office: 80 Station Parade,
Harrogate, North Yorkshire HG1 1HQ

12/10/21
2nd Visit

Adler &
Allan
ENVIRONMENTAL RISK REDUCTION

The Hazardous Waste Regulations 2005:
Consignment Note

PART A Notification Details

1 Consignment note code:	KIERPR/M1873	4 The waste will be taken to (name, address and postcode)	Adler and Allan Ltd, Harcourt Street, Manchester, M28 3GN
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile)	Kier product removal Christabel Pankhurst Institute Oxford Rd Manchester M13 9PS		
3 Premise code (where applicable)	KIERPR	5 The waste producer was (if different from 2):	

PART B Description of the waste

1 The process giving rise to the waste(s) was:	Maintenance	2 SIC for the process giving rise to the waste:					
3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)							
Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in their waste and their concentration		Physical form (gas, liquid, solid powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Cont. Water	161001	200	Oil	>1%	Liquid	HP7 HP14	Bulk

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

EWC code	UN identification numbers(s)	Proper shipping name(s)	UN Class(es)	Packing group(s)	Special handling requirements
161001		Non Dangerous as per CDG regs			

PART C Carrier's Certificate

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

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

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

1 Carrier name: Paul Summers
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Adler & Allan Ltd, Southern Street, Walkden, Manchester M28 3AN
2 Carrier registration no. / reason for exemption: CBDU88644
3 Vehicle registration no.: MVR8 FVL

Date: 12/10/21 Time: 11:00

PART D Consignor's certificate

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

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

1 Consignor Name: D. C. HASTICK
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Kier product removal Christabel Pankhurst Institute Oxford Rd Manchester M13 9PS
Signature: [Signature]
Date: 12/10/21 Time: 11:00

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

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

1 I received this waste at the address given in A4 on Date Time
2 Vehicle registration no. (or mode of transport if not road)
Name
On behalf of (name, address, postcode, telephone, e-mail, facsimile)

3 Where waste is rejected please provide details

I certify that waste permit/exempt waste operation number

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

Signature

Date

Time

White copy - Consignors / Yellow copy - Carriers / Pink copy - Consignees

Ref:

Adler and Allan Group,
Registered Office: 80 Station Parade,
Harrogate, North Yorkshire HG1 1HQ

UST liquid removal
07/10/21

Adler &
Allan
ENVIRONMENTAL RISK REDUCTION

The Hazardous Waste Regulations 2005:
Consignment Note

PART A Notification Details

1 Consignment note code: **KIERPR/M1866**

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Kier product removal Christabel Pankhurst Institute Oxford Rd Manchester M13 9PS

3 Premise code (where applicable): **KIERPR**

4 The waste will be taken to (name, address and postcode):
Adler and Allan Ltd, Harcourt Street, Manchester, M28 3GN

5 The waste producer was (if different from 2):

PART B Description of the waste

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

2 SIC for the process giving rise to the waste:

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

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components in their waste and their concentration		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Oil/Water	13 05 07	6500	Oil	>1%	Liquid	HP7 HP14	Bulk

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

EWC code	UN identification numbers(s)	Proper shipping name(s)	UN Class(es)	Packing group(s)	Special handling requirements
13 05 07		Non Dangerous as per CDG regs			

PART C Carrier's Certificate

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

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

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

1 Carrier name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Adler & Allan Ltd, Southham Street, Walkden, Manchester, M28 3GN

2 Carrier registration no. / reason for exemption: CB0U88644

3 Vehicle registration no.:

MV18 FVL

Date: **7/10/21** Time: **14.15**

PART D Consignor's certificate

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

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

1 Consignor Name:

D. CAPSTICK

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

Kier product removal Christabel Pankhurst Institute Oxford Rd Manchester M13 9PS

Signature:

7/10/21 Time: **14.15**

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

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

1 I received this waste at the address given in A4 on

Date

Time

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

Name:

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

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number

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

Signature

Date

Time

White copy - Consignors / Yellow copy - Carriers / Pink copy - Consignees

Ref:

The Hazardous Waste Regulations 2005: Booking Ref DW2222858

Consignment Note


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

PART A Notification details

- 1 Consignment note code: **CHRPAN/000001**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Mayo Civil Engineering Ltd
Christabel Pankhurst Institute
323 Oxford Road
M13 9PG
- 3 The waste will be taken to (name, address and postcode):
Maw Green Soil Landfill Site,
Maw Green Road, Crewe,
CW1 5NG
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
Mayo Civil Engineering Ltd,
Unit D Karmo Industrial Est,
Norman Road, Rochdale OL11 4HS

PART B Description of the waste

 If continuation sheet used, tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **41 20 /1**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Soil and stones containing hazardous substances	1 7 0 5 0 3*	20,000	TPH	>0.1%	Solid	HP7 & HP11	8W

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

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

PART C Carrier's certificate

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

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

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

 /

- 1 Carrier name: **J.O'SHEA AND SONS LTD**
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Orchard Street, Pendleton,
Salford, M6 6FL
- 2 Carrier registration no./reason for exemption:
CBDU 90839
- 3 Vehicle registration no. (or mode of transport, if not road):
MT19 UBN

 Signature **D FOX**
 Date **13/10/2021** Time **09/10**
PART D Consignor's certificate

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

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

- 1 Consignor name: **Mayo Civil Eng Ltd**
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Unit D Karmo Ind Est, Norman Rd,
Rochdale, OL11 4HS.

 Signature **A Treece**
 Date **13/10/2021** Time **09/10**
PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	18.86	ACC	ROS

- 1 I received this waste at the address given in A3 on: Date **13/10/2021** Time **10/25**
- 2 Vehicle registration no. (or mode of transport if not road): **MT19 UBN**
- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

 BS7722ID

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

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

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

 Signature **A Stockton**
 Date **13/10/2021** Time **10/25**

The Hazardous Waste Regulations 2005: Booking Ref DW2222858

Consignment Note


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

PART A Notification details

- 1 Consignment note code: **CHRPAN/000002**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Mayo Civil Engineering Ltd
Christabel Pankhurst Institute
323 Oxford Road
M13 9PG
- 3 The waste will be taken to (name, address and postcode):
Maw Green Soil Landfill Site,
Maw Green Road, Crewe,
CW1 5NG
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
Mayo Civil Engineering Ltd,
Unit D Karmo Industrial Est,
Norman Road, Rochdale OL11 4HS

PART B Description of the waste

 If continuation sheet used, tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **4 1 2 0 /1**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Soil and stones containing hazardous substances	1 7 0 5 0 3*	20,000	TPH	>0.1%	Solid	HP7 & HP11	8W

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

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

PART C Carrier's certificate

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

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

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

 1 Carrier name: **J.O'SHEA AND SONS LTD**

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

Orchard Street, Pendleton,
Salford, M6 6FL

2 Carrier registration no./reason for exemption:

CBDU 90839

 3 Vehicle registration no. (or mode of transport, if not road): **MV70 WZG**

 Signature *[Signature]*

 Date **13/10/2021** Time **1055**
PART D Consignor's certificate

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

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

 1 Consignor name: **Mayo Civil Eng Ltd**

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

Unit D Karmo Ind Est, Norman Rd,
Rochdale, OL11 4HS.

 Signature *[Signature]*

 Date **13/10/2021** Time **1055**
PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170503	15.82	ACC	ROS

 1 I received this waste at the address given in A3 on: Date **13/10/2021** Time **1355**

 2 Vehicle registration no. (or mode of transport if not road): **MV70 WZG**

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

BS7722ID

authorises the management of the waste described in Part A at the address given in A3.

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

 Name: **A Stockton**

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

Provectus Soils Management
Maw Green Soil Treatment Centre
Maw Green Road
Crewe CW1 5NG

 Signature *[Signature]*

 Date **13/10/2021** Time **1355**

6 Sidings Court
White Rose Way
Doncaster
DN4 5NU
Tel: 01302303030
Fax: 01302303092



Customer
Provectus Remediation Limited
Unit 9
Kingsdale Business Centre
Regina Road
Chelmsford
Essex
CM1 1PE

Customer Account Number DPROV2
Customer Order Number
Waste Carrier's Reg No CBDU90839

Site
Maw Green Soil Treatment - Tel:

Ticket No 28988382
Enquiry No 2222858
Site No 1243
Landfill Tax Not Applicable
Vehicle Reg MT19UBN
Round Number
Transfer Note CHRPAN/00001
Source Trade
Waste Description
170503* soil c/w hydrocarbons for treatment ex Oxford Road, Manchester per analysis received 11.10.2

Comments

Time	Tally	Weight(kg)
13-Oct-2021 10:20:33	114502	32020
13-Oct-2021 10:35:22	114505	13160
Nett Weight	16860	

VAT No.: 637 8808 92
LFT No.: 01675 2920 15000
Operator's Signature

Ticket: 28988382 - 13-Oct-2021 10:35

Driver's Signature

Ticket: 28988382 - 13-Oct-2021 10:35

It is the driver's responsibility to ensure that the details on this ticket are correct.



Customer: Mayo Curb
Address: Dover St
Manchester
EWC: 17.05.04 ☐ 17.01.07 ☐
WML50093 ☐
Grab: ☐ Vehicle Size: 8W ☒
Vehicle Reg: MT19UBN No. of Loads: 1
Material: Contaminated
Additional info: Standing Time
8:00-9:10 Date: 13-10-21

Nº 507625

Signed:
A. Treeco

Carriers Licence: CBDU 90839

Excavation & Recycling 0161 925 9800



Customer: MAYO CIVICS

Address: PARKHURST

DOVER ST, MICK

EWC: 17.05.04 ☐ 17.01.07 ☐ 17.05.03* ☒

WML50093 ☐

Grab: ☐ Vehicle Size: 8W ☒

Vehicle Reg: MV70 WZG No. of Loads: 1

Material: HAZARDOUS TPE

Additional info: _____

Date: 13.10.21

No 507775

Signed: A. TROCE

Carriers Licence: CBDU 90839

Excavation & Recycling 0161 925 9800

FCC Environment
6 Sidings Court
White Rose Way
Doncaster
DN4 5NU
Tel: 01302303030
Fax: 01302303092

Customer
Provectus Remediation Limited
Unit 9
Kingsdale Business Centre
Regina Road
Chelmsford
Essex
CM1 1PE
Customer Account Number
Customer Order Number
Waste Carrier's Reg No

DPROV2

CBDU90839

Site
Maw Green Soil Treatment - Tel:

Ticket No 28990005
Enquiry No 2222858
Site No 1243
Landfill Tax Not Applicable
Vehicle Reg MV70WZG
Round Number
Transfer Note CHRPA/00002
Source Trade

Waste Description
170503* soil c/w hydrocarbons for treatment
t ex Oxford Road, Manchester per analysis
received 11.10.2

Comments

Time	Tally	Weight(kg)
------	-------	------------

13-Oct-2021 13:52:35	114536	28680
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13-Oct-2021 14:06:40	114539	12860
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Nett Weight 15820

VAT No.: 637 8808 92

LFT No.: 01675 2920 15000

Operator's Signature

Ticket: 28990005 - 13-Oct-2021 14:06

Driver's Signature

Ticket: 28990005 - 13-Oct-2021 14:06

It is the driver's responsibility to ensure that the details on this ticket are correct.

DUTY OF CARE-CONTROLLED WASTE TRANSFER NOTE

SECTION A - DESCRIPTION OF WASTE

- 1) PLEASE DESCRIBE THE WASTE BEING TRANSFERRED. STEEL TANK,
- 2) EUROPEAN WASTE CODE: EMC 23 01 03
- 3) WHAT IS THE QUANTITY OF WASTE (M+TONNES) 2 TONNES.

SECTION B - PRODUCER OF THE WASTE

- 1) FULL NAME (BLOCK CAPITALS) Maya Civil Engineering LTD
- 2) ADDRESS UNIT 0 KARAO INDUSTRIAL EST NORMAN ROAD
ROCHDALE OL11 4HS SIC CODE 41201.

By signing in SECTION E below I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of The Waste (England and Wales) Regulations 2011 ☒ YES

SECTION C - CARRIER OF THE WASTE

FULL NAME: JO'SHEA & SONS LTD, ORCHARD STREET, PENDLETON, SALFORD, MANCHESTER M6 6FL

REGISTERED WASTE CARRIER NUMBER: CBDU90839 - ISSUED BY ENVIRONMENT AGENCY

SECTION D - DISPOSER OF THE WASTE

- 1) COMPANY NAME (BLOCK CAPITALS)
- 2) COMPANY ADDRESS

WML PERMIT NUMBER ISSUED BY

☒ JO'SHEA & SONS LTD, ORCHARD STREET, PENDLETON, SALFORD, MANCHESTER M6 6FL

WASTE MANAGEMENT LICENCE NUMBER: EAWML50093

SECTION E - FIRST TRANSFER (Producer to Carrier)

- 1) SITE ADDRESS CHRISTABEL PARKHURST INSTITUTE 323 OXFORD RD
- 2) DATE OF TRANSFER 8.10.21. 3) TIME(S) OF TRANSFER (FOR MULTIPLE TRANSFERS, GIVE BETWEEN DATES) N/A.

- 4) PRODUCERS REPRESENTATIVE
- NAME (PRINT) Anthony Treece 5) CARRIERS REPRESENTATIVE
- SIGNATURE [Signature] NAME (PRINT) PAUL O'SHEA
- SIGNATURE [Signature] SIGNATURE Paul O'Shea

SECTION F - SECOND TRANSFER (Carrier to Disposer)

- 1) DISPOSAL SITE
- ☒ JO'SHEA & SONS LTD, ORCHARD STREET, PENDLETON, SALFORD, MANCHESTER M6 6FL
- 2) DATE OF TRANSFER 8.10.21. 3) TIME(S) OF TRANSFER (FOR MULTIPLE TRANSFERS, GIVE BETWEEN DATES) N/A.

- 4) CARRIERS REPRESENTATIVE
- NAME (PRINT) PAUL O'SHEA 5) DISPOSERS REPRESENTATIVE
- SIGNATURE Paul O'Shea NAME (PRINT) JO'SHEA
- SIGNATURE [Signature] SIGNATURE Jo Sheas

APPENDIX H

Copies Of Imported Recycled 6F2 Material Verification Information



Our reference – OPD/MRN4057/01
Date 17 May 2021

BJ Crowthers Ltd
Windsor House
Windsor Street
Oldham
OL1 4AE

For the attention of Philip Crowther Esq.

Dear Mr Crowther.

Re: Broad range Contamination and Asbestos Identification – Windsor Street Yard

Further to your instructions the broad range contamination and asbestos ID testing to the one number sample, submitted by yourselves has now been completed.

Please find attached the i2 Analytical Ltd certificate of test relating to the sample submitted, our sample number relates to your site reference as follows:

98223 Crush

We have assessed the contamination results found for the various determinands against the latest Generic Assessment Criteria (GAC) from the Land Quality Management Ltd / Chartered Institute of Environmental Health (LQM/CIEH) S4UL values and in the case of Lead we have adopted the Defra Category 4 Screening level.

The results of this assessment found that the sample complied with the residential end use limits when compared to the Land Quality Management Ltd / Chartered Institute of Environmental Health (LQM/CIEH) S4UL values & for lead, the Defra category 4 screening level.

The asbestos identification testing found there was no asbestos present in the sample submitted.

We trust the above and attached are satisfactory to yourselves. Should you require any further assistance, please do not hesitate to contact us.

Yours Faithfully
For Murray Rix

Owain Davies BA (Hons)



Andrew House, Hadfield Street, Dukinfield, Cheshire SK16 4QX Tel: 0161 475 0870
Email: enquiries@murrayrix.com Website: www.murrayrix.com

Also at: London: 020 8523 1999

Murray Rix is the trading name of Murray Rix (Northern) Limited. Registered in England 2878361



Steve Hutchings
Murray Rix (Northern Ltd),
Andrew House
Hadfield Street
Dukinfield
SK16 4QX

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS
t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: MURRAYRIX Group

Analytical Report Number : 21-71159

Project / Site name:	BJ Crowther - Yard	Samples received on:	26/04/2021
Your job number:		Samples instructed on/ Analysis started on:	26/04/2021
Your order number:	21 147	Analysis completed by:	04/05/2021
Report Issue Number:	1	Report issued on:	04/05/2021
Samples Analysed:	1 soil sample		


Signed:

Rachel Bradley
Deputy Quality Manager
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: 21-71159
Project / Site name: BJ Crowther - Yard
Your Order No: 21 147

Lab Sample Number	1850557			
Sample Reference	Crush			
Sample Number	98223			
Depth (m)	None Supplied			
Date Sampled	23/04/2021			
Time Taken	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	2.4
Total mass of sample received	kg	0.001	NONE	1.2

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

pH - Automated	pH Units	N/A	NONE	11.8
Organic Matter	%	0.1	NONE	0.2

Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	< 0.05
Acenaphthylene	mg/kg	0.05	NONE	< 0.05
Acenaphthene	mg/kg	0.05	NONE	< 0.05
Fluorene	mg/kg	0.05	NONE	< 0.05
Phenanthrene	mg/kg	0.05	NONE	< 0.05
Anthracene	mg/kg	0.05	NONE	< 0.05
Fluoranthene	mg/kg	0.05	NONE	< 0.05
Pyrene	mg/kg	0.05	NONE	< 0.05
Benzo(a)anthracene	mg/kg	0.05	NONE	< 0.05
Chrysene	mg/kg	0.05	NONE	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	NONE	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	NONE	< 0.05
Benzo(a)pyrene	mg/kg	0.05	NONE	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	NONE	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	NONE	2.5
Beryllium (aqua regia extractable)	mg/kg	0.05	NONE	0.26
Boron (water soluble)	mg/kg	0.2	NONE	0.8
Cadmium (aqua regia extractable)	mg/kg	0.2	NONE	< 0.2
Chromium (hexavalent)	mg/kg	4	NONE	< 4.0
Chromium (III)	mg/kg	1	NONE	8.7
Chromium (aqua regia extractable)	mg/kg	1	NONE	8.7
Copper (aqua regia extractable)	mg/kg	1	NONE	13
Lead (aqua regia extractable)	mg/kg	1	NONE	15
Mercury (aqua regia extractable)	mg/kg	0.3	NONE	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	NONE	5.3
Selenium (aqua regia extractable)	mg/kg	1	NONE	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	NONE	10
Zinc (aqua regia extractable)	mg/kg	1	NONE	38



Analytical Report Number: 21-71159
Project / Site name: BJ Crowther - Yard
Your Order No: 21 147

Lab Sample Number				1850557
Sample Reference				Crush
Sample Number				98223
Depth (m)				None Supplied
Date Sampled				23/04/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	

Monoaromatics & Oxygenates

Benzene	µg/kg	1	NONE	< 1.0
Toluene	µg/kg	1	NONE	< 1.0
Ethylbenzene	µg/kg	1	NONE	< 1.0
p & m-xylene	µg/kg	1	NONE	< 1.0
o-xylene	µg/kg	1	NONE	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	NONE	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	NONE	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	NONE	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	NONE	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	NONE	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	NONE	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	NONE	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	NONE	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	NONE	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	NONE	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	NONE	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	NONE	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	NONE	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	NONE	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	NONE	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	NONE	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	NONE	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number : 21-71159

Project / Site name: BJ Crowther - Yard

* 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 *
1850557	Crush	98223	None Supplied	Light grey rubble.**

**Non MCERTS matrix.



Analytical Report Number : 21-71159
Project / Site name: BJ Crowther - Yard

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

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analyte	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on BS EN ISO 17025 Methods for the Determination of Metals in Soil.	L038-PL	D	NONE
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE
Moisture Content	Moisture content, determined gravimetrically. (30 °C)	In house method.	L019-UK/PL	W	NONE
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	NONE
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	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	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
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L0738-PL	W	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel spill/clean up.	L088/76-PL	W	NONE

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 360°C.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.



TEST REPORT

Client B.J. Crowthers Ltd

Address Windsor House
Windsor Street
Oldham
OL1 4AE

Contract Windsor Street, Oldham

Job Number MRN 4057/2
Date of Issue 17 May 2021
Page 1 of 2

Approved Signatories

S J Hutchings, O P Davies

Notes

- 1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.
- 2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.
- 3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation
- 4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted. This does not, however, guarantee the balance of the materials from which the tested samples have been taken to be of equal quality.



Andrew House, Hadfield Street, Dukinfield, Cheshire SK16 4QX Tel: 0161 475 0870
Email: enquiries@murrayrix.com Website: www.murrayrix.com

Also at: London: 020 8523 1999

Murray Rix is the trading name of Murray Rix (Northern) Limited. Registered in England 2878361

MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

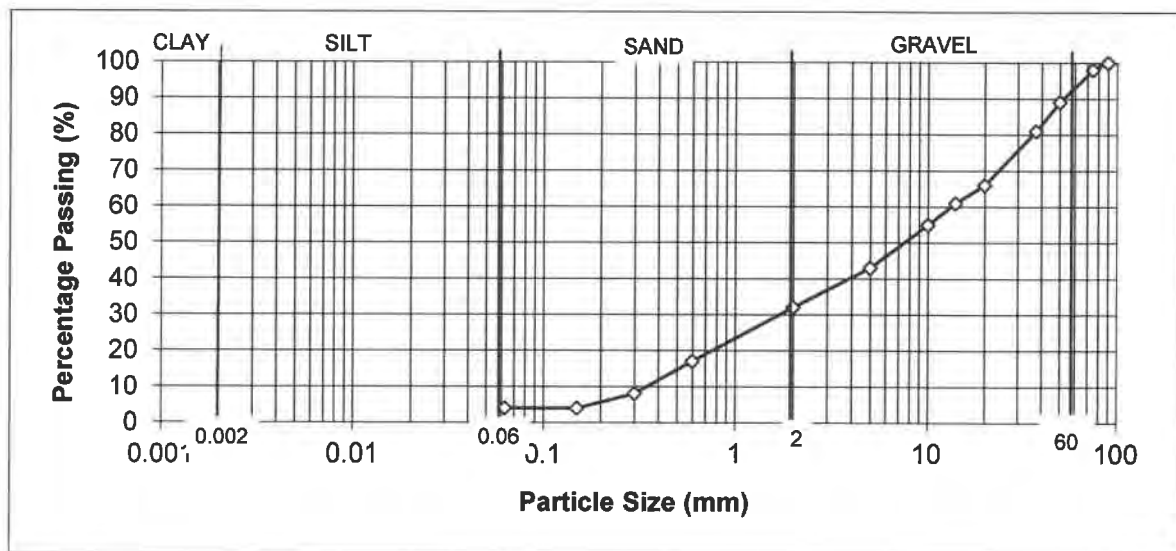
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	B.J. Crowthers Ltd
SITE	Windsor Street, Oldham
JOB NUMBER	MRN 4057/2

SAMPLE LABEL	Crush	DATE SAMPLED	Not advised
LAB SAMPLE No	98223	DATE RECEIVED	23-Apr-21
DATE TESTED	30-Apr-21	SAMPLED BY	Client

MATERIAL	Recycled Crush
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	55	15-60
90	100	80-100	5	43	10-45
75	98	65-100	2	32	
50	89		0.6	17	0-25
37.5	81	45-100	0.3	8	
20	66		0.15	4	
14	61		0.063	4	0-12



REMARKS

Sample complies with the grading requirements for a 6F2 material (SHW 2016)

As received moisture content = 4.0%

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE 17-May-21

Quality Protocol for the production of aggregates from inert waste

Producers' compliance checklist

B J Crowther Ltd

This is a self-assessment checklist for producers of aggregates wishing to test and demonstrate the compliance of their process to the WRAP Quality Protocol for production of aggregates from inert waste.

Please consider your process and activities and tick "Yes" or "No" as applicable for each question. Refer to the accompanying Guidance Notes for further details as required.

Your process is fully compliant with the Quality Protocol for production of aggregates from inert waste only if you respond "Yes" to all questions.

Measures to correct areas of non-compliance (where ticks have been scored in the "No" column) must be identified and implemented to achieve compliance with the Quality Protocol. Recycled aggregates that are produced by a process not fully compliant with the Quality Protocol are likely to be a waste and subject to Environmental Permitting Regulations (England & Wales) or Waste Management Licensing Regulations (Scotland & Northern Ireland).

Checklist and Summary Guidance ⁱ	YES	NO
Waste management requirements (QP ref* 3.4.1, 3.4.4, 3.6.1 and 3.7.1) Does your recycling operation have the required environmental permit/waste management licensing/exemptions and is the Duty of Care applied? <i>NOTE: You must demonstrate that you meet the statutory and regulatory requirements, including use of registered waste carriers and Waste Transfer Notes (WTNs). Please consult the Guidance Notes for further details.</i>	☒	☐
Acceptance of incoming waste (QP ref 3.4.1 to 3.4.4 and App C) Do you have site/location specific Acceptance Criteria procedures for the incoming waste? Do your Acceptance Criteria include a description of the types of waste accepted and a description of the method of acceptance? <i>NOTE: List Of Waste Regulations/ European Waste Code for consistency with the WTNs must be used. You must demonstrate that only inert waste is accepted for production of aggregates to the Quality Protocol. Inspection at receipt and at tipping must be carried out.</i>	☒ ☒	☐ ☐
Are material input records kept? <i>NOTE: A record of each load received and accepted must be kept.</i>	☒	☐
Do you have a procedure for non-compliant waste? <i>NOTE: You must demonstrate how you are dealing with non-conforming incoming waste. Please consult the Guidance Notes for further details.</i>	☒	☐
Production and Standards/Specifications requirements (QP ref 3.1 to 3.3 and 3.5) Have you set up a Factory Production Control (FPC) system, which includes a Method Statement of Production (MSP), describing the waste recovery process and the range of products? <i>NOTE: FPC is mandatory for production of aggregates to BS EN Standards and common industry specifications and it is a requirement of the Quality Protocol. The MSP may be represented by a flow chart. All materials produced must be listed. Implementation of the FPC must be demonstrated using the detailed list of requirements within the guidance notes.</i>	☒	☐
Do you produce to established specifications and/or standards? <i>NOTE: Aggregates must be produced to be fully compliant to established specifications and/or standards.</i>	☒	☐

Checklist and Summary Guidance ⁱ		YES	NO
Testing (QP ref 3.6, 3.6.1 and 3.6.2)			
Have you defined what testing to undertake, and how often, for each material you produce? <i>NOTE: Any material produced to a FPC must have a defined testing procedure and sampling and testing frequency. Please refer to the Guidance Notes for examples of minimum testing frequencies.</i>		☒	☐
Does your testing regime comply with the requirements of the standards and specifications for the aggregates you are producing? <i>NOTE: Aggregates produced to standards and specifications must be tested to demonstrate compliance to those standards and specifications.</i>		☒	☐
Do you have a procedure for dealing with non-conforming products? <i>NOTE: You must demonstrate that non-compliant products are dealt with in accordance to the FPC.</i>		☒	☐
Documentation (QP ref 3.7.2, 3.7.3, 3.8 and 3.9)			
Do you keep a record of all the appropriate documents, in accordance with the FPC, and specifically of the results of the tests undertaken as required by the standards and specifications? <i>NOTE: A list of records that must be kept in accordance to the FPC is provided within the Guidance Notes.</i>		☒	☐
Does the delivery ticket of your product contain the description of the material in accordance with the industry or client specification and does it include a statement that the aggregate was produced to a quality scheme meeting the Quality Protocol? <i>NOTE: Details on the delivery ticket must be provided in accordance with the FPC. The statement that the aggregate was produced to a quality management scheme conforming to the Quality Protocol can only be inserted if no "No" cells have been ticked in this self-assessment form.</i>		☒	☐

The competent authority for Environmental Permitting (England and Wales) Regulations is the Environment Agency, for Waste Licensing Regulations in Scotland is the Scottish Environment Protection Agency and in Northern Ireland is the Department of the Environment (Environment and Heritage Service). These agencies are able to confirm or provide information on permits, licences and exemptions to third parties if required. They are also able to require documentary proof of the compliance to the Quality Protocol from recycled aggregate producers who claim to be operating to the Quality Protocol.

* QP refs. are for numbered sections in the three versions of the WRAP Quality Protocol for the production of aggregates from inert waste covering England & Wales, Scotland, and Northern Ireland.

Copies are available from
http://www.aggregain.org.uk/quality/quality_protocols/index.html

For additional information on Quality Management Systems go to:
<http://www.aggregain.org.uk/quality/index.html>

ⁱ Expanded guidance notes are available in a separate document called: Guidance Notes to the Producers' compliance checklist for the Quality Protocol for the production of aggregates from inert waste

WRAP helps individuals, businesses and local authorities to reduce waste and recycle more, making better use of resources and helping to tackle climate change. While steps have been taken to ensure its accuracy, WRAP cannot accept responsibility or be held liable to any person for any loss or damage arising out of or in connection with this information being inaccurate, incomplete or misleading. This material is copyrighted. It may be reproduced free of charge subject to the material being accurate and not used in a misleading context. The source of the material must be identified and the copyright status acknowledged. This material must not be used to endorse or used to suggest WRAP's endorsement of a commercial product or service. For more detail, please refer to our Terms & Conditions on our website - www.wrap.org.uk

**Waste & Resources
Action Programme**

The Old Academy,
21 Horse Fair,
Banbury, Oxon
OX16 0AH

Tel: 01295 819 900
Fax: 01295 819 911
E-mail: info@wrap.org.uk

Helpline freephone
0808 100 2040

www.wrap.org.uk/construction



Customer:		 MARCHINGTONSTONE Buxton Road, High Lane, Stockport SK6 8DX Tel: 01663 765000 Fax: 01663 763777	
Site Address:			
			
Material Description		Delivery Date:	
(WRAP Recycled Aggs Protocol Compliant)		Order No:	
		Cash Sales: VAT Reg No. 157 6360 29 Goods VAT Total	
Tonnes Gross Tonnes Tare Tonnes Nett		In accordance with our Terms & Conditions a charge for excessive waiting time may be made. Waiting Time Agreed By:	
This vehicle may leave the road on your instruction and at the drivers discretion, providing you accept responsibility for damage to your own or third party property. Customer Agreed ☐ Signed:.....		Print Signed	
Load Accepted on Behalf of Customer: Print Signed		Time On Site	Time Off Site
Subject to the Conditions of Sale of Marchington Stone Limited applicable to goods of this kind. Available on request		Waiting Time Agreed	
		Hauler	Place of Loading
		Registration No.	Weighbridge Ticket No.
		Driver	Marchington Ticket No. 412353 Office Copy

Imported Aggregate

MURRAY RIX
CONSULTANCY, SITE INVESTIGATION
CONSTRUCTION MATERIALS TESTING



TEST REPORT

Client B.J. Crowthers Ltd

Address Windsor House
Windsor Street
Oldham
OL1 4AE

Contract Windsor Street, Oldham

Job Number MRN 4057/2
Date of Issue 17 May 2021
Page 1 of 2

Approved Signatories

S J Hutchings, O P Davies

Notes

- 1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.
- 2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.
- 3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation
- 4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted. This does not, however, guarantee the balance of the materials from which the tested samples have been taken to be of equal quality.



Andrew House, Hadfield Street, Dukinfield, Cheshire SK16 4QX Tel: 0161 475 0870
Email: enquiries@murrayrix.com Website: www.murrayrix.com

Also at: London: 020 8523 1999

Murray Rix is the trading name of Murray Rix (Northern) Limited. Registered in England 2878361

MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

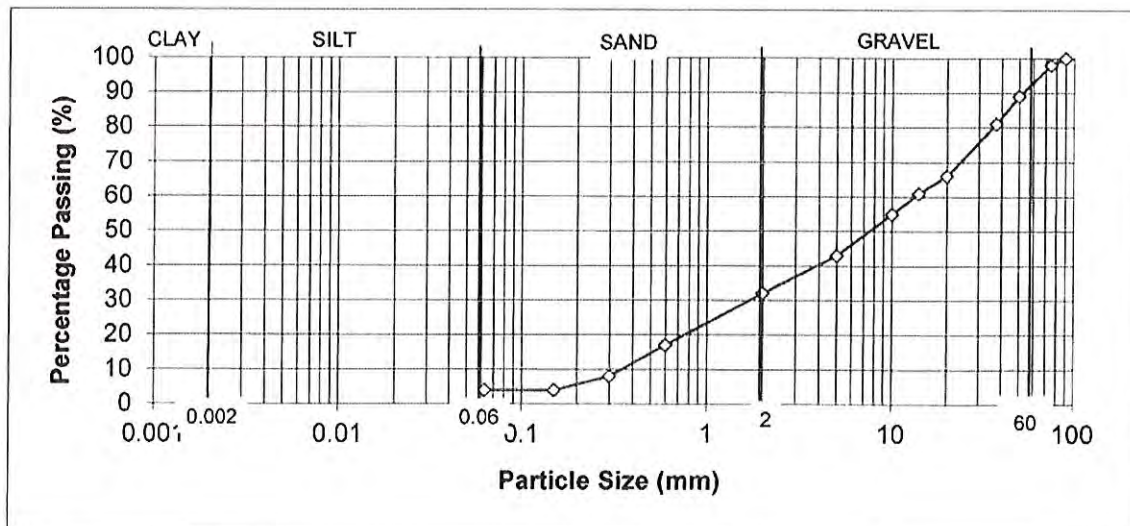
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	B.J. Crowthers Ltd
SITE	Windsor Street, Oldham
JOB NUMBER	MRN 4057/2

SAMPLE LABEL	Crush	DATE SAMPLED	Not advised
LAB SAMPLE No	98223	DATE RECEIVED	23-Apr-21
DATE TESTED	30-Apr-21	SAMPLED BY	Client

MATERIAL	Recycled Crush
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	55	15-60
90	100	80-100	5	43	10-45
75	98	65-100	2	32	
50	89		0.6	17	0-25
37.5	81	45-100	0.3	8	
20	66		0.15	4	
14	61		0.063	4	0-12



REMARKS

Sample complies with the grading requirements for a 6F2 material (SHW 2016)

As received moisture content = 4.0%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

17-May-21

Site Won

MURRAY RIX
CONSULTANCY, SITE INVESTIGATION
CONSTRUCTION MATERIALS TESTING



TEST REPORT

Client Mayo Civils Engineering Ltd

Address Unit D
Rochdale Central Industrial Estate
Norman Road
Rochdale
OL11 4HS

Contract Dover Street,
Manchester

Job Number MRN 4122/19
Date of Issue 24 August 2021
Pages 1 of 2

Approved Signatories

S J Hutchings, O P Davies

Notes

- 1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.
- 2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.
- 3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.
- 4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted.
- 5 The results included within the report are representative of the samples submitted for analysis.
- 6 This certificate should not be reproduced, except in full, without the express permission of the laboratory.



Andrew House, Hadfield Street, Dukinfield, Cheshire SK16 4QX Tel: 0161 475 0870
Email: enquiries@murrayrix.com Website: www.murrayrix.com

Also at: London: 020 8523 1999

Murray Rix is the trading name of Murray Rix (Northern) Limited. Registered in England 2878361

MURRAY RIX

Andrew House, Hadfield Street
Dukinfield, Cheshire SK16 4QX
TEL 0161 475 0870



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

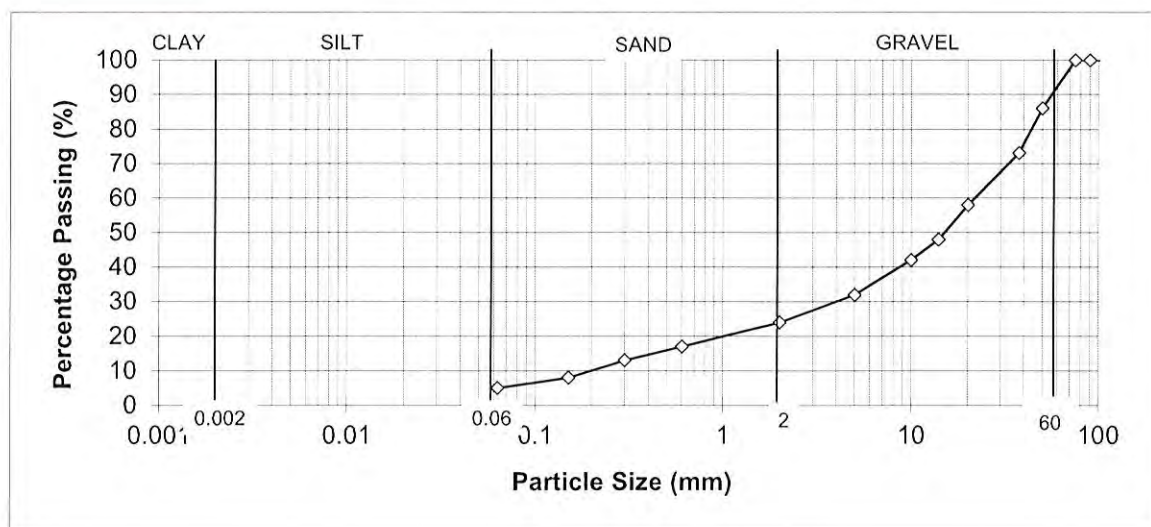
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	Mayo Civil Engineering Ltd
SITE	Dover Street, Manchester
JOB NUMBER	MRN 4122/19

SAMPLE LABEL	MAYO/Sample1/9/8/21/NB	DATE SAMPLED	09-Aug-21
LAB SAMPLE No	102913	DATE RECEIVED	09-Aug-21
DATE TESTED	11-Aug-21	SAMPLED BY	Murray Rix

MATERIAL	Recycled Crush
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	42	15-60
90	100	80-100	5	32	10-45
75	100	65-100	2	24	
50	86		0.6	17	0-25
37.5	73	45-100	0.3	13	
20	58		0.15	8	
14	48		0.063	5	0-12



REMARKS

Sample complies with the grading requirements for a 6F2 material (SHW 2016)

As received moisture content = 10%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

24-Aug-21

WRAP Quality Protocol

Purpose

To ensure that the business has a protocol and control system in place for the compliant production of recycled aggregates from demolition arisings

Responsibility

BJ Crowther Ltd Managing Director is responsible for the contents of this procedure and the management of the recycling processes.

BJ Crowther Ltd Managing Director will be responsible for ensuring the requirements of the protocol are implemented and maintained.

BJ Crowther Ltd Managing Director is Chartered Institute of Wastes Management (CIWM/ WAMITAB) qualified, and is responsible for the day-to-day running of the production site.

Fully trained production operatives will be in place and will ensure that the work carried out adheres to this protocol, and is undertaken as instructed by the BJ Crowther Ltd Managing Director

Procedure

Inspections - Regular inspections of the operation will be carried out, which will include health, safety, environmental and quality aspects, including the upkeep and maintenance of all plant and equipment.

Training - All personnel involved in the process will be trained to conform to this protocol and other relevant legislation. Appropriate training records will be kept and maintained. Only suitably qualified personnel will be allocated assigned tasks in the protocol.

Documentation – All documentation and records generated from source documentation discussed in this document will be retained according to legislation, and updated annually to ensure that compliance with changing guidance is adhered to.

Sub-Contract Services - Any Sub-contract services employed by the company will be expected to adhere to this protocol and will be issued with a copy of this protocol prior to work commencing.

Audits - An annual audit will be carried out by the Compliance team which will include scope for improvement observations as appropriate.

Management Review - This will be carried out annually or as appropriate with the introduction of new or amendment to existing legislation.

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

Factory Production Control System

Acceptance Criteria: Incoming Waste (see flow chart - Appendix 2)

The following controls will be in place to control the quality and use of incoming waste materials:

- Registered Waste Carrier enters the recycling facility and submits a legally compliant waste transfer note. Waste will only be accepted from approved and registered Waste Carriers.
- A visual inspection will be made on the load to ensure that it matches the waste transfer note and that the correct EWC code has been used to categorise the load. If the material does not match the description on the waste transfer note it will be rejected and the company delivering the load notified of this action.
- Where BJ Crowther vehicles collect demolition arisings from site, In addition to the protocols detailed above, our trained operative will inspect the material prior to loading on site.
- The load will then be tipped in a delivery area where a second visual inspection will be made that the waste matches the description on the Waste Transfer Note. If it does not the load will be rejected and the company delivering the load notified of this action.
- All waste transfer notes will be stored and kept for the statutorily required period
- The accepted load will be allowed to be introduced in to the recycling area for processing

Acceptable inert waste input materials

Wastes from physical and chemical processing of non-metalliferous minerals

Waste Code	Type and Exclusions
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07 May include excavation from mineral workings.
01 04 09	Waste sand and clays Waste sand only. Must not include contaminated sand

Wastes from manufacture of glass and glass products

Waste Code	Type and Restrictions
10 11 03	Waste glass-based fibrous materials Allowed only if: Wastes without organic binders

Packaging (including separately collected municipal packaging waste)

Waste Code	Type and Restrictions
15 01 07	Glass packaging

Construction and demolition waste – concrete, bricks, tiles and ceramics

Waste Code	Type and Restrictions
17 01 01	Concrete Must not include concrete slurry.
17 01 02	Bricks

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

17 01 03	Tiles and ceramics
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

Construction and demolition waste – wood, glass and plastic

Waste Code	Type and Restrictions
17 02 02	Glass Must not include fibreglass or glass fibre.

Construction and demolition waste – bituminous mixtures, coal tar and tarred products

Waste Code	Type and Restrictions
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01 <i>Allowed only if: Bituminous mixtures from the repair and refurbishment of the asphalt layers of roads and other paved areas (excluding bituminous mixtures containing coal tar and classified as waste code 17 03 01). Must not include coal tar or tarred products. Must not include freshly mixed bituminous mixtures</i>

A record of each load delivered and accepted in compliance with the above criteria and following the procedure detailed in appendix 2 shall be recorded and retained providing the following information as a minimum:

- Delivery date
- Supplier and transporting agent
- Material Source
- Type of material (EWC code)
- WTN number
- Quantity (by estimated weight)
- Signatures by all parties

Non-Compliant Waste

If the waste material does not meet our acceptance criteria, then it will be rejected. This material will either be reloaded onto the vehicle that deposited the waste or placed within the segregation area for disposal at an authorised permitted / licenced facility. A copy of the WTN or Hazardous Waste Consignment Note will be kept in the Company Office to ensure that an audit trail can be followed.

We will keep a record of the loads rejected (with details on the reason for the decision) for future reference. Information may be written within the site diary that will record all information as required. This information will be used in discussions with the supplier with regards to the rejected loads; it will provide an explanation as to the reasons for our decision and the actions needed to avoid rejections on future loads.

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

Materials Processing

The following method statement will be used to ensure the quality of material is maintained:

- All personnel will be trained to use the plant and equipment used in the production of this material, including the excavators and crusher in line with BJ Crowther Ltd Training Policy. (available on request)
- While the machines are in operation all personnel will be wearing, as a minimum, hi-visibility clothing, safety footwear, hardhats, gloves and eyewear. Whilst crushing is being carried dust masks must be worn in line with the requirements of the COSHH data sheets for the material being used. Procedures will be in line with BJ Crowther site Health and Safety Policy and site specific risk assessments (available on request)
- All machinery will be maintained to a high standard and, in accordance with BJ Crowther Policy, daily checks will be carried out on each item of plant being used. Records of maintenance and checks carried out will be retained and will be subject to internal auditing procedures.
- The processing equipment, Terex Crusher, will be calibrated regularly to ensure that the plant performs as expected. These calibrations will be performed on a regular basis and also whenever site staff have reason to believe that there is an equipment-related problem.
- Suitable emission management plans will be in place at all times, including road sweepers, dust suppression, covered materials etc. to minimise dust emissions. Noise will be restricted by limiting the production window to times included in the permit and planning permissions. No odour or vibration emissions are expected.

The suitable material will enter the recycling process where the following will occur:

- Stock piled materials will be checked for deterioration
- Any oversize material will be separated and will be broken up by mechanical means to sizes appropriate for crushing
- The material will then be passed through the Crusher, which will be set appropriately for the materials being produced.
- The finished product will then be transferred into the holding area and stored.
- If the finished product has not been fully utilised in a timely manner it will be removed from the holding bays and will be subject to the recycling process once again.
- Stock piles of material will be suitably treated and sealed to ensure that the degradation of the product from external conditions does not occur.
- Materials will be processed to order where possible to minimise waste due to degradation from external forces.
- The finished product in the holding areas will then be ready for dispatch and/ or samples to be taken for testing.

Non-Conforming Input Materials

Measures are in place to ensure that loads conveyed to our facilities minimise the volume of materials needing to be rejected however, should the situation arise that materials do not meet the required specification they will be reloaded onto the delivery vehicle and returned (or if necessary):

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V1	16 th June 2021	V L Crowther	P A Crowther (MD)

- Segregated
- Conveyed to an appropriate waste facility
- Documentation produced to record the circumstances under which the materials were allowed to be deposited, and the reasons for non-conformity
- Documentation produced to record the disposal of the materials.

Materials Testing

Materials will be tested to ensure compliance with recognised standards and its suitability for the use for which it is intended at the point of delivery.

Standards, specifications and quality controls for the end use of aggregates produced:

Unbound recycled aggregate: Granular fill General fill Capping	BS EN 13242: Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction	Highways Agency Specification for Highway Works: Series 600 HAUC: Specification for the reinstatement of openings in highways BS EN 13285: Unbound mixtures: Specifications	BS EN 13242: Level 4 Attestation Evaluation of Conformity to BS EN 16236* SHW: Quality Control procedures in accordance with the Quality Protocol for the production of aggregates from inert waste SROH: Compliance with SHW
Unbound recycled aggregate: sub base	BS EN 13242: Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction	Highways Agency Specification for Highway Works: Series 800 HAUC: Specification for the reinstatement of openings in highways BS EN 13285: Unbound mixtures: Specifications	BS EN 13242: Level 4 Attestation Evaluation of Conformity to BS EN 16236* SHW: Quality Control procedures in accordance with the Quality Protocol for the production of aggregates from inert waste SROH: Compliance with SHW

Product performance compliance testing will be carried out at varied frequencies depending on the test to be conducted, and in line with the frequencies set out below:

Summary of testing requirements associated with particular end uses and standards of materials processed for sale by BJ Crowther Ltd (Note: Testing frequencies should be increased where variability is identified through Factory Production Control and where the measured value is close to the specified limit.)

End use	Standard and Specifications	Test	BS test reference	Minimum test frequency
All end uses	BS EN 13242 BS EN 12620	Particle size Distribution Particle density Resistance to	EN 933-1 EN 1097-6 EN 1097-2	1 per week 1 per month 2 per year

Version Number	Review Date	Reviewed By	Approved By
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		fragmentation (LA) Classification of constituents(see table B3) Water soluble sulfate	EN 933-11 EN 1744-1	1 per month 1 per month
Unbound: Fills Capping Sub- base	SHW Series 600, & 800 SROH	California Bearing Ratio Plasticity of fines Frost Heave	1377: part 4 1377: part 2 812: part 124	1 per month 1 per week 1 per year

Note: Frequencies are defined in terms of 'production week' or similar and/or 'production day'. These periods should be defined by the producer depending on the throughput of the plant/equipment.

Non-Conforming Finished Products

Measures are in place to ensure that material storage and processing procedures minimise the degradation of stock piled materials however, should the situation arise that materials scheduled for sale no longer meet the required specification and are no longer suitable for the required use they will be:

- Segregated
- Conveyed to an appropriate waste facility
- Documentation produced to record the circumstances under which the materials were allowed to degrade
- Documentation produced to record the disposal of the materials.

Transportation, Storage and use of Recycled Aggregates

The finished product should be stored and handled in accordance with the site Environmental Management System and the following good practice outlined below:

- Aggregates should be handled and stored to minimise the creation of airborne dust.
- Engineering control measures such as containment, local exhaust ventilation, sprays suppression systems, etc. should be used where there is a risk of airborne dust creation.
- Manual handling of the aggregates should be minimised through the use of mechanical aids wherever possible. Account should be taken of the Manual Handling Regulations and care should be taken when lifting by hand.
- Aggregates are inert, but dust and fine particles should be prevented from entering watercourses and drains. Activities on site are well beyond the 50m exclusion zone for springs, wells and bore holes. Deposition of dust on vegetation and surrounding property should be avoided by controlling the release of dust at source.

Finished Products

BJ Crowther Ltd can reasonably demonstrate that they have full control and can manage all those involved in producing the final product. The Factory Production Control requires that BJC details the

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

frequency and nature of testing and inspections on the input materials, equipment and products in the process control documentation, including provisions for:

- The product to be tested for their properties, under the conditions stated in the Factory Production section of the applicable relevant European Standard.
- That any non-conforming products are properly identified and recorded
- That the product is identifiable up to the point of sale as regards the source and type

The results of the Factory Production Control are recorded at all times and will be maintained and stored.

The sales and delivery documentation shall include:

- Date of supply
- Customer's name and contact details
- Product description to aggregates standard and customer specification
- The name and contact details of the producer, including address of the site of production
- Quantity supplied by estimated weight/volume
- A statement that the product was produced in accordance with the WRAP Quality Protocol
- Where required by the end user, results of material grading and/or testing will be provided.

Compliance Statement

BJ Crowther Ltd fully believes that by processing waste under this FPC they have met all criteria for waste to meet end of waste criteria and a saleable product that's fulfils all obligations has been produced. This FPC has provided a uniform control process from which they can reasonably state and demonstrate that the recycled aggregate has been fully recovered and is no longer a waste.

Signed: *P A Crowther*

Title: Managing Director

Date: 16th June 2020

Appendices:

Appendix 1 - Permits and Licences

Appendix 2 - Acceptance Procedure for Inert Waste for Recycling (Flow Chart)

Appendix 3 - Method for Production of Materials (Flow Chart)

Appendix 4 - Factory Production Control Training

Appendix 5 - Register of Non-Conforming Materials

Appendix 6 - Other Records

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

Appendix 1 - Permits and Licences

Waste Carriers Licence

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name  Environment Agency

Address National Customer Service Centre
99 Parkway Avenue
Sheffield
S9 4WF

Telephone number 03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier B.J. CROWTHER LTD

Registered as an upper tier waste carrier, broker and dealer

Registration number CBDU40692

Address of place of business B J CROWTHER LTD
WINDSOR HOUSE
WINDSOR STREET
OLDHAM
OL1 4AE

Telephone number 01616520505

Date of registration Thursday 4th October 2018

Expiry date of registration (unless revoked) Tuesday 16th November 2021

Making changes to your registration

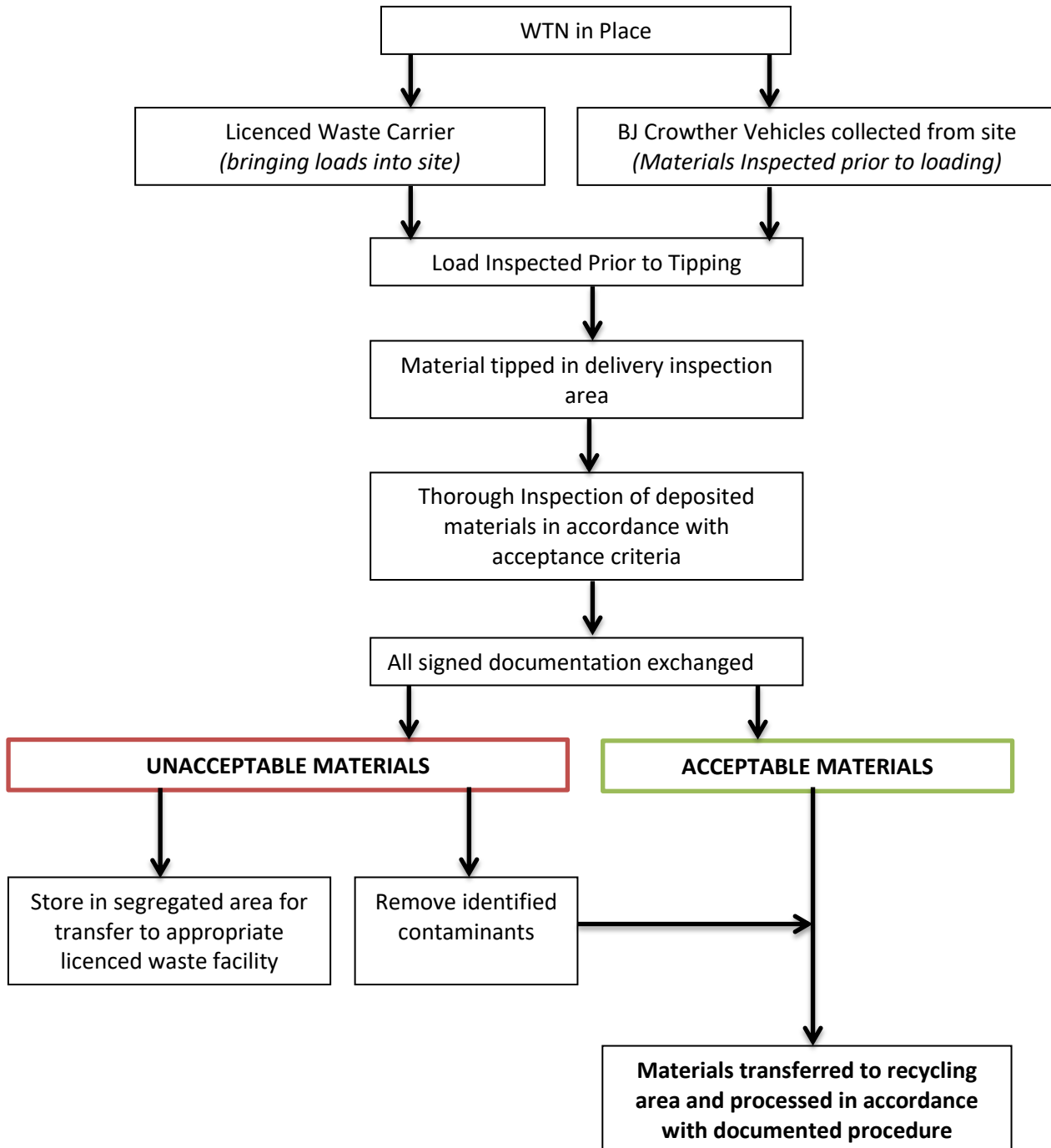
Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

Environmental Exemption Summary

Registration WEX216458 – B J Crowther Limited			
Registration number		WEX216458	
Organisation name		B J Crowther Limited	
Organisation address		WINDSOR HOUSE, WINDSOR STREET, OLDHAM, OL1 4AE	
Organisation postcode		OL1 4AE	
Site			
Site grid reference		SD9326206372	
Exemption D5	Exemption	Depositing waste samples for testing or analysis ⓘ	
	Registration date	23/09/2019	
	Expiry date	22/09/2022	
Exemption T5	Exemption	Screening and blending waste ⓘ	
	Registration date	23/09/2019	
	Expiry date	22/09/2022	
Exemption U1	Exemption	Use of waste in construction ⓘ	
	Registration date	23/09/2019	
	Expiry date	22/09/2022	

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

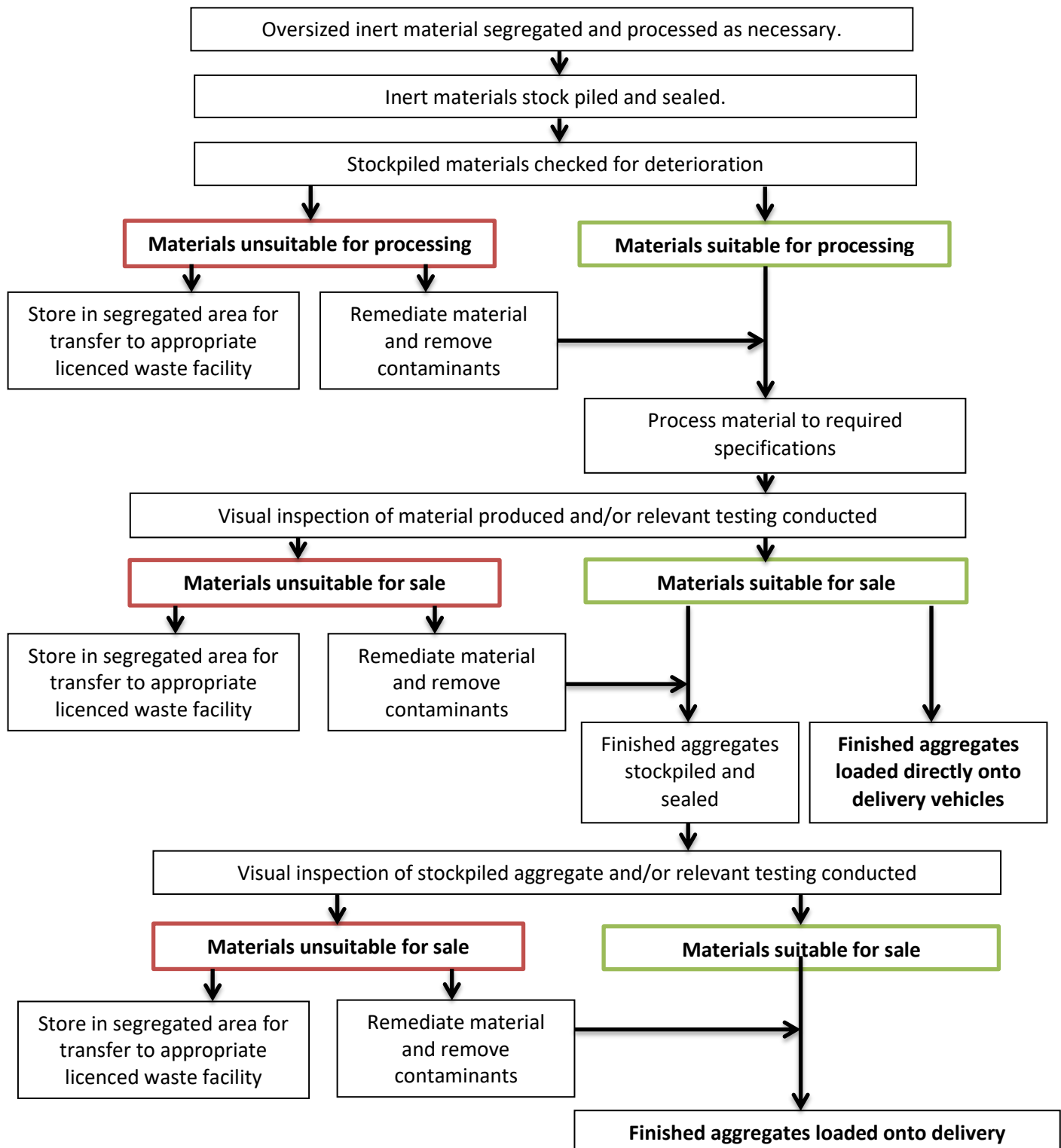
Appendix 2 - Acceptance Procedure for Inert Waste for Recycling



Note: Relevant documentation produced as appropriate at each stage

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

Appendix 3 – Method for Production of Materials



Note: Relevant documentation produced as appropriate at each stage

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

[illegible]

Appendix 5 – Register of Non Conforming Materials

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

Register of Non-Conforming Input Materials (source form)

Ticket Number	
Date	
Quantity Involved	
Nature of Non-Conformance	
Remedial Action Taken	
Operator Charged with Non-Conformance?	
Results on the Investigation on Non-Conformance	
Corrective Actions Taken	
Signature	

Register of Non-Conforming Finished Aggregates (source form)

Ticket Number	
Date	
Quantity Involved	
Nature of Non-Conformance	
Stockpile deterioration?	
Failed testing?	
Results on the Investigation on Non-Conformance	
Corrective Actions Taken	
Signature	

Register of Rejected Loads (source form)

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

Windsor House Windsor
Street Oldham OL1 4AE

B.J. CROWTHER
LTD

info@bjcrowther.co.uk
Tel:01616520505

Ticket Number	
Date	
Quantity Involved	
Supplier	
Location of Arising	
Reason for Rejection	
Returned on Customer Vehicle	
Disposal at Licenced Facility	
Notes	
Signature	

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)

Appendix 6 – Other Records

The following information is stored and collected separately along with other company records, and will be isolated and collated periodically:

- Records of materials accepted for recycling (inclusive of EWC Codes, Quantities, Source, WTN)
 - Results of material testing
-

Version Number	Review Date	Reviewed By	Approved By
V1	16 th June 2021	V L Crowther	P A Crowther (MD)