

Your Ref:
Our Ref: CRM.1265.035.GE.L.003

Date: 15th January 2025
Email: Richard.Reece@enzygo.com

Shriya Gohil,
Bellway Homes,
19 Imperial Way,
Reading,
RG2 0TD

By Email: Shriya.gohil@bellway.co.uk

Dear Shriya,

RE: Dee Road, Tilehurst, Reading RG30 4BX – Plots 5-6, 26-28 and 31 Soft Landscaping

Background

Enzygo Geo Environmental Ltd (Enzygo) undertook a Phase I and subsequent Phase II ground investigation at the above named site. The investigation identified levels of Polycyclic Aromatic Hydrocarbons (PAH), Asbestos and Arsenic above the GAC values for residential use. As the site is being re-developed into private housing with domestic gardens, appartement blocks and areas of communal open space, remediation was required.

Enzygo created Remediation Method Statement (RMS) CRM.1265.035.GE.R.002.R RMS Final, outlining the works required to mitigate the risk to the end user, comprising 300mm of clean cover soils within communal landscaping, and 600mm to domestic gardens, over a geotextile no dig barrier. This RMS was submitted to Reading Borough Council, and was accepted.

The ground investigation identified an Underground Storage Tank (UST) underlain by Hydrocarbon impacted soils. The RMS outlined that the tank was to be emptied, made safe and removed from site. This was completed during the demolition phase of the development and was verified in report CRM.1265.035.GE.L.001.

Site Visit

On 10th December 2024, Enzygo Geo Environmental Ltd undertook a site visit to excavate and confirm the presence of 600mm of cover materials over a geotextile no-dig barrier within the rear garden areas of Plots 5-6, 26-28 and 31. Three Hand Pits (HP4, HP5 and HP9) were excavated within the rear garden areas of Plots 5-6 26-28 and 31. Photos of the Hand Pits are shown in Appendix A. The locations of the Hand Pits are shown on drawing CRM.1265.035.GE.D.005, which is included in Appendix B.

No further areas of contamination were identified during the construction phase or during the validation inspection, therefore no additional remedial measures were required or undertaken.

Cover Soils

Hand Pits HP4, HP5 and HP9 confirmed the presence of a minimum 600mm cover soils over a Geotextile no-dig barrier, meeting the required depth for private garden areas. Photographs of the Hand Pits are included in Appendix A. Samples were recovered from the Hand Pits were submitted to the laboratories of I2 who are UKAS and MCERTS accredited for testing.

Soil samples from the validation pits were collected in appropriate containers provided by the analytical laboratory. Samples were stored in cool boxes prior to dispatch to the laboratory for analysis. All samples were collected using appropriate sampling equipment that is cleaned at each sampling location.

Chemical Results

Sub Soil transfer tickets have been provided by the client and are included in Appendix C. Sub soil was imported from donor site Wenman Road, which is a greenfield site with historical agricultural use. The intrusive ground investigation undertaken by Geo Environmental Group showed the soils tested, meet the GAC values for residential use with plant uptake, as detailed in report GEG-21-714/PI_PII. Subsoil was imported from Wenman Road under a U1 exemption, Waste Code 19 12 12, as the total volume of materials was under 5,000 tonnes.

Chemical analysis reports for top cover soils have been supplied by the client prior to the materials being imported to site. These certificates meet the GAC values for residential use with plant uptake. No asbestos was detected. These are included in Appendix D. Imported topsoil certificates are shown in Appendix E. Waste Disposal notes for materials disposed of off-site have been included in Appendix F.

Soil samples were sent to the laboratories of I2 who are UKAS and MCERTS accredited. Samples were tested for the CLEA metal suite, pH, sulphate, cyanide, phenols, speciated Polycyclic Aromatic Hydrocarbons (PAH), organic carbon, Speciated Total Petroleum Hydrocarbon (TPH CWG) and asbestos screen.

Results show the materials used meet the GAC values for residential use with plant uptake. These are included in Appendix G.

Conclusion

Based on the site inspection undertaken, information provided and chemical results, it is considered that the remediation works within the rear garden areas of Plots 5-6, 26-28 and 31, are in accordance with the approved remedial methodology.

This letter report has been prepared to address condition 15 and 16 of planning application 231745, in relation to Plots 5-6, 26-28 and 31.

We hope that we have correctly interpreted your requirements.

Yours sincerely,
For and on behalf of Enzygo



Richard Reece
Environmental Consultant

APPENDICIES

APPENDIX A – PHOTOGRAPHS







APPENDIX B – SAMPLING LOCATION PLAN



Key

- Site Boundary
- Validation Pit Locations (HP)
(HP1 - HP11)
- Tank Location

TOA - Block 1
4 x 50 (1B2P)
2 x 61 1B2P M4(3)
4 x 61 (2B3P)

TOA - Block 2
7 x 50 (1B2P)
3 x 61 (2B3P)
3 x 74 (3B4P)

enzygo
environmental consultants

Samuel House, 5 Fox Valley Way, Stocksbridge, Sheffield, S36 2AA

CLIENT: Bellway Homes		
SCALE: 1:500@A3	PROJECT REF: CRM.1265.035	
DRAWN: LB	CHECKED: SR	DATE: July 2023
PROJECT: Dee Road, Reading		
TITLE: Remediation Plan		
FIGURE NO: CRM.1265.035.GE.D.002		

APPENDIX C – SUBSOIL TRANSFER TICKETS

Ticket Image

Printed: 17/12/2024 09:56:53

Ticket No. 828691

Invoice Ref 557063

Invoice Ref 11/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828691	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Craig	Collect Ticket Number:
Date: 5-12-24	Time on Site:	Time off Site:
Waiting Time:	Order Number: PO169591/PR208	

Collected From:	Weight or Volume
Name: Mostrom	Gross: kg
Address: Thorne	Tare: kg
	Nett: kg
	Volume: 1x8m cu. m.

WASTE		DESCRIPTION OF MATERIAL		SIC (2007):
170101	Concrete	☐	170107	Mixed Concrete/Brick ☐
170102	Brick	☐	170504	Inert Soil/Stones/Clay ☐
Other (describe):				
AGGREGATES				
Top soil.				

Delivery To:
Name: Dee RD
Address: Fire Station

By signing 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.

Customer/Producer's Signature: [Signature] Driver's Signature: [Signature]

Print Name: [Name] Print Name: [Name]

NB to Customers, Authorised Agents, Representatives or Responsible Person signing this Duty of Care Waste Transfer Note, this is in your interest. - Please read this Duty of Care Waste Transfer Note carefully and inspect the material, agreeing quantity and that everything is to your satisfaction before finally signing this receipt. We regret that we cannot under any circumstances entertain any claim concerning quantity, quality or anything else once the vehicle has left the site and a signature has been given. Customers are also reminded that ordering vehicles off the public road is done entirely at their risk and that we cannot accept responsibility for damage caused by our vehicles whilst delivering to your site.

Ticket Image

Printed: 17/12/2024 09:57:05

Ticket No. 828696

Invoice Ref 557065

Invoice Ref 11/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828696	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Grij.	Collect Ticket Number:
Date: 9-12-24	Time on Site:	Time off Site:
Waiting Time:	Order Number: PO17059 / PR208	

Collected From:	Weight or Volume
Name: Mostrom	Gross: ..kg
Address: Thame	Tare: ..kg
	Nett: ..kg
	Volume: 1x8W cu. m.

WASTE	DESCRIPTION OF MATERIAL	SIC (2007):
170101 Concrete ☐	170107 Mixed Concrete/Brick ☐	
170102 Brick ☐	170504 Inert Soil/Stones/Clay ☐	
Other (describe):		
AGGREGATES Top Soil		

Delivery To:
Name: Dee RD
Address: Five Station

By signing 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.

Customer/Producer's Signature: [Signature] Driver's Signature: [Signature]

Print Name: [Signature] Print Name: [Signature]

NB to Customers, Authorised Agents, Representatives or Responsible Person signing this Duty of Care Waste Transfer Note, this is in your interest. - Please read this Duty of Care Waste Transfer Note carefully and inspect the material, agreeing quantity and that everything is to your satisfaction before finally signing this receipt. We regret that we cannot under any circumstances entertain any claim concerning quantity, quality or anything else once the vehicle has left the site and a signature has been given. Customers are also reminded that ordering vehicles off the public road is done entirely at their risk and that we cannot accept responsibility for damage caused by our vehicles whilst delivering to your site.

Ticket Image

Printed: 17/12/2024 09:57:06

Ticket No. 828695 Invoice Ref 557065 Invoice Ref 11/12/2024
Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU
Tel: 01494 431871 Fax: 01494 431872
Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828695	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Craig	Collect Ticket Number:
Date: 9-12-24	Time on Site: 9:50	Time off Site: 10:45
Waiting Time:	Order Number: PO17059/PR208	

Collected From:	Weight or Volume
Name: Mostrim	Gross: ..kg
Address: Thame	Tare: ..kg
	Nett: ..kg
	Volume: ..cu. m.

WASTE	DESCRIPTION OF MATERIAL	SIC (2007):	
170101 Concrete	☐	170107 Mixed Concrete/Brick	☐
170102 Brick	☐	170504 Inert Soil/Stones/Clay	☐
Other (describe):			
AGGREGATES	Top Soil		

Delivery To:
Name: Dee RD
Address: Five Sticks

By signing 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.

Customer/Producer's Signature: [Signature]	Driver's Signature: [Signature]
Print Name: Henry-B	Print Name: [Signature]

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Registered in England No. 4424303 • Registered Office: Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks, HP7 0JU

Ticket Image

Printed: 17/12/2024 09:57:02

Ticket No. 828697

Invoice Ref 557065

Invoice Ref 11/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828697	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Craig	Collect Ticket Number:
Date: 10.12.24	Time on Site:	Time off Site:
Waiting Time:	Order Number: PO17059/PR208	

Collected From:	Weight or Volume
Name: Mostrim	Gross: kg
Address: Thorne	Tare: kg
	Nett: kg
	Volume: 1x8cu cu. m.

DESCRIPTION OF MATERIAL		SIC (2007):
WASTE		
170101 Concrete ☐	170107 Mixed Concrete/Brick ☐	
170102 Brick ☐	170504 Inert Soil/Stones/Clay ☐	
Other (describe):		
AGGREGATES	Top soil	

Delivery To:
Name: Dee RD
Address: Five Station

By signing 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.

Customer/Producer's Signature: UBortone	Driver's Signature: Craig
Print Name: Henry B	Print Name: Craig

NB to Customers, Authorised Agents, Representatives or Responsible Person signing this Duty of Care Waste Transfer Note, this is in your interest. - Please read this Duty of Care Waste Transfer Note carefully and inspect the material, agreeing quantity and that everything is to your satisfaction before finally signing this receipt. We regret that we cannot under any circumstances entertain any claim concerning quantity, quality or anything else once the vehicle has left the site and a signature has been given. Customers are also reminded that ordering vehicles off the public road is done entirely at their risk and that we cannot accept responsibility for damage caused by our vehicles whilst delivering to your site.

Ticket Image

Printed: 17/12/2024 09:57:04

Ticket No. 828698

Invoice Ref 557065

Invoice Ref 11/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828698	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Craig	Collect Ticket Number:
Date: 10-12-24	Time on Site: 10:25	Time off Site: 10:45
Waiting Time:	Order Number:	

Collected From:	Weight or Volume
Name: Mostrim	Gross: kg
Address: Thame	Tare: kg
	Nett: kg
	Volume: 1x8W cu. m.

DESCRIPTION OF MATERIAL		SIC (2007):
WASTE		
170101 Concrete ☐	170107 Mixed Concrete/Brick ☐	
170102 Brick ☐	170504 Inert Soil/Stones/Clay ☐	
Other (describe):		
AGGREGATES Top soil		

Delivery To:
Name: Dee RD
Address: Five stables

By signing 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.

Customer/Producer's Signature: [Signature] Driver's Signature: [Signature]

Print Name: [Name] Print Name: [Name]

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Ticket Image

Printed: 07/01/2025 10:17:00

Ticket No. 824359

Invoice Ref 557185

Invoice Ref 31/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 824359	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: <i>Craig</i>	Collect Ticket Number:
Date: 17-12-24	Time on Site:	Time off Site:
Waiting Time:	Order Number: PO-17166/PR208	

Collected From:	Weight or Volume
Name: <i>Mostrim</i>	Gross: kg
Address: <i>Thame</i>	Tare: kg
	Nett: kg
	Volume: <i>1X8W</i> cu. m.

DESCRIPTION OF MATERIAL		SIC (2007):
WASTE		
170101 Concrete ☐	170107 Mixed Concrete/Brick ☐	
170102 Brick ☐	170504 Inert Soil/Stones/Clay ☐	
Other (describe):		
AGGREGATES <i>Top Soil</i>		

Delivery To:	<i>Dee Rd, Firestation</i>
Name:	<i>Reading</i>
Address:	

By signing 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.

Customer/Producer's Signature: *[Signature]* Driver's Signature: *[Signature]*

Print Name: *Patricia Virdi* Print Name: *[Signature]*

NB to Customers, Authorised Agents, Representatives or Responsible Person signing this Duty of Care Waste Transfer Note, this is in your interest. - Please read this Duty of Care Waste Transfer Note carefully and inspect the material, agreeing quantity and that everything is to your satisfaction before finally signing this receipt. We regret that we cannot under any circumstances entertain any claim concerning quantity, quality or anything else once the vehicle has left the site and a signature has been given. Customers are also reminded that ordering vehicles off the public road is done entirely at their risk and that we cannot accept responsibility for damage caused by our vehicles whilst delivering to your site.

Ticket Image

Printed: 07/01/2025 10:17:02

Ticket No. 824360

Invoice Ref 557185

Invoice Ref 31/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 824360	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Crang	Collect Ticket Number:
Date: 17-12-24	Time on Site: 10:45	Time off Site: 10:15
Waiting Time:	Order Number:	

Collected From:	Weight or Volume
Name: Mostrim	Gross: kg
Address: Thame	Tare: kg
	Nett: kg
	Volume: 14.8m cu. m.

DESCRIPTION OF MATERIAL		SIC (2007):
WASTE		
170101 Concrete ☐	170107 Mixed Concrete/Brick ☐	
170102 Brick ☐	170504 Inert Soil/Stones/Clay ☐	
Other (describe):		
AGGREGATES		
Top Soil		

Delivery To:
Name: Dee RD, Fivestations
Address: Reading

By signing 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.

Customer/Producer's Signature: **Patricia** Driver's Signature: **G. Crang**

Print Name: **Patricia Vitor** Print Name: **G. Crang**

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Ticket Image

Printed: 17/12/2024 09:56:57

Ticket No. 828693

Invoice Ref 557064

Invoice Ref 11/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828693	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Craig	Collect Ticket Number:
Date: 6-12-24	Time on Site:	Time off Site:
Waiting Time:	Order Number: PO16994 / PR208	

Collected From:	Weight or Volume
Name: Mostrom	Gross: kg
Address: Thame	Tare: kg
	Nett: kg
	Volume: 1x8W cu. m.

DESCRIPTION OF MATERIAL		SIC (2007):
WASTE		
170101 Concrete ☐	170107 Mixed Concrete/Brick ☐	
170102 Brick ☐	170504 Inert Soil/Stones/Clay ☐	
Other (describe):		
AGGREGATES		
TOP SOIL		

Delivery To:
Name: Dee RD Fire Station
Address:

By signing 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.

Customer/Producer's Signature: UBoston	Driver's Signature: ef
Print Name: Henry S	Print Name: Liz

NB to Customers, Authorised Agents, Representatives or Responsible Person signing this Duty of Care Waste Transfer Note, this is in your interest. - Please read this Duty of Care Waste Transfer Note carefully and inspect the material, agreeing quantity and that everything is to your satisfaction before finally signing this receipt. We regret that we cannot under any circumstances entertain any claim concerning quantity, quality or anything else once the vehicle has left the site and a signature has been given. Customers are also reminded that ordering vehicles off the public road is done entirely at their risk and that we cannot accept responsibility for damage caused by our vehicles whilst delivering to your site.

Ticket Image

Printed: 17/12/2024 09:56:58

Ticket No. 828692 Invoice Ref 557064 Invoice Ref 11/12/2024
Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU
Tel: 01494 431871 Fax: 01494 431872
Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828692	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HCD	Drivers Name: Craig	Collect Ticket Number:
Date: 8-12-24	Time on Site:	Time off Site:
Waiting Time:	Order Number:	

Collected From:

Name: Mostram

Address: THAME

Weight or Volume

Gross: kg

Tare: kg

Nett: kg

Volume: 1x8U cu. m.

WASTE

DESCRIPTION OF MATERIAL

SIC (2007):

170101 Concrete ☐

170107 Mixed Concrete/Brick ☐

170102 Brick ☐

170504 Inert Soil/Stones/Clay ☐

Other (describe):

AGGREGATES

TOP SOIL

Delivery To:

Name: Dee RD Five Station

Address:

By signing 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.

Customer/Producer's Signature: [Signature]

Driver's Signature: [Signature]

Print Name: Henry S

Print Name: Craig

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Ticket Image

Printed: 17/12/2024 09:56:48

Ticket No. 828683

Invoice Ref 557062

Invoice Ref 11/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828683	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EV18HCD	Drivers Name: Craig	Collect Ticket Number:
Date: 3-12-24	Time on Site: 8.00	Time off Site:
Waiting Time:	Order Number:	

~~PO16916~~ / ~~PR208~~
PO16916 / PR208

Collected From:	Weight or Volume
Name: MUSTRIM	Gross: kg
Address: Thame	Tare: kg
	Nett: kg
	Volume: 1x8w cu. m.

WASTE	DESCRIPTION OF MATERIAL	SIC (2007):
170101 Concrete ☐	170107 Mixed Concrete/Brick ☐	
170102 Brick ☐	170504 Inert Soil/Stones/Clay ☐	
Other (describe):		
AGGREGATES Haulage		

Delivery To:
Name: Dee RD
Address: Fire Station

By signing 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.

Customer/Producer's Signature: *[Signature]* Driver's Signature: *[Signature]*

Print Name: Henry B. Print Name: *[Signature]*

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Ticket Image

Printed: 17/12/2024 09:56:50

Ticket No. 828684

Invoice Ref 557062

Invoice Ref 11/12/2024

Customer MOSTRIM GROUNDWORKS LTD (3254)

DUTY OF CARE WASTE TRANSFER CONVEYANCE NOTE

CLARK CONTRACTING LTD

Brentford Grange Farm, Beaconsfield Road, Coleshill, Amersham, Bucks HP7 0JU

Tel: 01494 431871 Fax: 01494 431872

Waste Carrier Registration Number: CBDU180292

SIC: 49410

Ticket Number: 828684	Weighbridge Ticket Number:	Tip Reference Number:
Vehicle Reg. Number: EY18HED	Drivers Name: Crady	Collect Ticket Number:
Date: 3-12-24	Time on Site:	Time off Site:
Waiting Time:	Order Number:	

Collected From:	Weight or Volume
Name: MOSTRIM	Gross: kg
Address: THAME	Tare: kg
	Nett: kg
	Volume: 12.8m cu. m.

WASTE		DESCRIPTION OF MATERIAL		SIC (2007):
170101	Concrete	☐	170107	Mixed Concrete/Brick ☐
170102	Brick	☐	170504	Inert Soil/Stones/Clay ☐
Other (describe):				
AGGREGATES				
Haulage				

Delivery To:
Name: Dee R.D.
Address: Five Station

By signing 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.

Customer/Producer's Signature: [Signature]	Driver's Signature: [Signature]
Print Name: Henry S.	Print Name: [Signature]

NB to Customers, Authorised Agents, Representatives or Responsible Person signing this Duty of Care Waste Transfer Note, this is in your interest. - Please read this Duty of Care Waste Transfer Note carefully and inspect the material, agreeing quantity and that everything is to your satisfaction before finally signing this receipt. We regret that we cannot under any circumstances entertain any claim concerning quantity, quality or anything else once the vehicle has left the site and a signature has been given. Customers are also reminded that ordering vehicles off the public road is done entirely at their risk and that we cannot accept responsibility for damage caused by our vehicles whilst delivering to your site.

APPENDIX D – SUPPLIER CHEMICAL ANALYSIS



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Mr John McAvoy
R Collard Limited
Eversley Haulage Park
Brickhouse Hill
Eversley, Hook
Hampshire RG27 0PZ

28th May 2024
Our Ref: TOHA/23/1379/1/SS
Your Ref: JM-EQ

Dear Sirs

Topsoil Analysis Report: Eversley Quarry

We have completed the analysis of the soil sample recently submitted, referenced *Eversley Topsoil*, and have pleasure reporting our findings.

The purpose of the analysis was to determine the suitability of the sample for general landscape purposes (trees, shrubs, amenity grass). In addition, the sample has been assessed to determine its compliance with the requirements of the British Standard for Topsoil (*BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil*).

This report presents the results of analysis for the sample submitted to our office, and it should be considered 'indicative' of the topsoil source. The report and results should therefore not be used by third parties as a means of verification or validation testing or waste designation purposes, especially after the topsoil has left the R Collard Limited site.

SAMPLE EXAMINATION

The sample was described as pale yellow (Munsell Colour 2.5YR 7/4), slightly moist, non-plastic, slightly calcareous, LOAMY SAND with a single grain structure*. The sample was virtually stone-free and contained a moderate proportion of organic fines and occasional woody fragments. No unusual odours, deleterious materials, roots or rhizomes of pernicious weeds were observed.

*This appraisal of soil structure was made from examination of a disturbed sample. Structure is a key soil characteristic that may only be accurately assessed by examination in an in-situ state.

Tim O'Hare Associates LLP
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www.toha.co.uk

ANALYTICAL SCHEDULE

The sample was submitted to a UKAS and MCERTS accredited laboratory for a range of physical and chemical tests to confirm the composition and fertility of the soil, and the concentration of selected potential contaminants. The following parameters were determined:

- detailed particle size analysis (5 sands, silt, clay);
- stone content (2-20mm, 20-50mm, >50mm);
- pH and electrical conductivity values;
- exchangeable sodium percentage;
- major plant nutrients (N, P, K, Mg);
- organic matter content;
- C:N ratio;
- heavy metals (As, B, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn);
- total cyanide and total (mono) phenols;
- speciated PAHs (US EPA16 suite);
- aromatic and aliphatic TPH (C5-C35 banding);
- benzene, toluene, ethylbenzene, xylene (BTEX);
- asbestos screen.

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

RESULTS OF ANALYSIS

Detailed Particle Size Analysis and Stone Content

The sample fell into the *loamy sand* texture class and exceeded our maximum recommended sand content of 85% for general landscape purposes. Further detailed particle size analysis found the sample to have a high proportion of particles in the *fine sand* (0.15-0.25mm) and *medium sand* (0.25-0.50mm) fractions with lower proportions of *very fine sand* (0.05-0.15mm) and *coarse sand* (0.50-1.0mm).

Such soils typically have good aeration and drainage properties, but can possess reduced water and nutrient retention capacities. However, in this instance the soil's organic matter content (5.0 %) is likely to offset these factors and provide a suitable growing medium for general landscape applications.

The sample was virtually stone-free and as such, stones should not restrict the use of the soil for general landscape purposes.

pH and Electrical Conductivity Values

The sample was alkaline in reaction (pH 7.7). This pH value would be considered suitable for general landscape purposes provided species with a wide pH tolerance or those known to prefer alkaline soils are selected for planting, turfing and seeding.

The electrical conductivity (salinity) value (water extract) was moderate, which indicates that soluble salts should not be present at levels that would be harmful to plants.

The electrical conductivity value by CaSO₄ extract (1545 µS/cm - BS3882 requirement) slightly exceeded the maximum specified value (3300 µS/cm) given in BS3882:2015 – Table 1. Further testing of electrical conductivity by water extract indicates that excess soluble salts should not present a significant risk to plants.

Organic Matter and Fertility Status

The sample was adequate to well supplied with organic matter and all major plant nutrients.

The C:N ratio of the sample was acceptable for general landscape purposes.

Potential Contaminants

With reference to *BS3882:2015 – Table 1*: Notes 3 and 4, there is a requirement to confirm levels of potential contaminants in relation to the topsoil's proposed end use. This includes human health, environmental protection and metals considered toxic to plants. In the absence of site-specific assessment criteria, the concentrations that affect human health have been compared with the *residential with homegrown produce* land use in the Suitable For Use Levels (S4ULs) presented in *The LQM/CIEH S4ULs for Human Health Risk Assessment* (2015) and the DEFRA SP1010: *Development of Category 4 Screening Levels (C4SLs) for Assessment of Land Affected by Contamination – Policy Companion Document* (2014).

Of the potential contaminants determined, none was found at levels that exceeded their guideline values.

Phytotoxic Contaminants

Of the phytotoxic (toxic to plants) contaminants determined (copper, nickel, zinc), none was found at levels that exceeded the maximum permissible levels specified in *BS3882:2015 – Table 1*.

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil sample for general landscape purposes. The analysis has also been undertaken to determine the sample's compliance with the requirements of the British Standard for Topsoil (*BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil*).

From the soil examination and subsequent laboratory analysis, the sample was described as a alkaline, non-saline, slightly calcareous *loamy sand* with an adequate structure and a low stone content. The sample was adequately supplied with organic matter and all major plant nutrients. Of the potential contaminants determined, none exceeded their respective guideline values.

Based on our findings, the topsoil represented by this sample would be considered suitable for general landscape purposes (trees, shrubs and amenity grass (low footfall)), provided that the species selected have a wide pH tolerance or are known to prefer alkaline soils, and the physical condition of the soil is satisfactory.

The topsoil was also fully compliant with the requirements of the British Standard for Topsoil (*BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil*).

RECOMMENDATIONS

Soil Handling Recommendations

It is important to maintain the physical condition of the soil and avoid structural damage during all phases of soil handling (e.g. stockpiling, resspreading, cultivating, planting, seeding or turfing). As a consequence, soil handling operations should be carried out when soil is sufficiently dry to be non-plastic (friable) in consistency.

It is important to ensure that the soil is not unnecessarily compacted by trampling or trafficking by site machinery, and soil handling should be stopped during and after heavy rainfall and not continued until the soil is friable in consistency. If the soil is structurally damaged and compacted at any stage during the course of soiling or landscaping works, it should be cultivated appropriately to relieve the compaction and to restore the soil's structure prior to any planting, turfing or seeding.

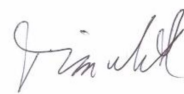
Further details on soil handling are provided in Annex A of *BS3882:2015*.

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if we can be of further assistance.

Yours faithfully



Ebony Gheorghe
BSc MSc
Soil Scientist



Tim White
BSc MSc MSoilSci CSci
Senior Associate

For & on behalf of Tim O'Hare Associates LLP



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Client:	R Collard Limited
Project:	Eversley Quarry
Job:	Topsoil Analysis (BS3882:2015)
Date:	28/05/2024
Job Ref No:	TOHA/24/1379/1/SS

Sample Reference		Accreditation
Clay (<0.002mm)	%	UKAS
Silt (0.002-0.063mm)	%	UKAS
Very Fine Sand (0.05-0.15mm)	%	UKAS
Fine Sand (0.15-0.25mm)	%	UKAS
Medium Sand (0.25-0.50mm)	%	UKAS
Coarse Sand (0.50-1.0mm)	%	UKAS
Very Coarse Sand (1.0-2.0mm)	%	UKAS
Total Sand	%	UKAS
Texture Class (UK Classification)	--	UKAS
Stones (2-20mm)	% DW	GLP
Stones (20-50mm)	% DW	GLP
Stones (>50mm)	% DW	GLP

pH Value (1:2.5 water extract)	units	UKAS
Electrical Conductivity (1:2.5 water extract)	uS/cm	UKAS
Electrical Conductivity (1:2 CaSO ₄ extract)	uS/cm	UKAS
Exchangeable Sodium Percentage	%	UKAS
Organic Matter (LOI)	%	UKAS
Total Nitrogen (Dumas)	%	UKAS
C : N Ratio	ratio	UKAS
Extractable Phosphorus	mg/l	UKAS
Extractable Potassium	mg/l	UKAS
Extractable Magnesium	mg/l	UKAS

Total Arsenic (As)	mg/kg	MCERTS
Total Cadmium (Cd)	mg/kg	MCERTS
Total Chromium (Cr)	mg/kg	MCERTS
Hexavalent Chromium (Cr VI)	mg/kg	MCERTS
Total Copper (Cu)	mg/kg	MCERTS
Total Lead (Pb)	mg/kg	MCERTS
Total Mercury (Hg)	mg/kg	MCERTS
Total Nickel (Ni)	mg/kg	MCERTS
Total Selenium (Se)	mg/kg	MCERTS
Total Zinc (Zn)	mg/kg	MCERTS
Water Soluble Boron (B)	mg/kg	MCERTS
Total Cyanide (CN)	mg/kg	MCERTS
Total (mono) Phenols	mg/kg	MCERTS

Naphthalene	mg/kg	MCERTS
Acenaphthylene	mg/kg	MCERTS
Acenaphthene	mg/kg	MCERTS
Fluorene	mg/kg	MCERTS
Phenanthrene	mg/kg	MCERTS
Anthracene	mg/kg	MCERTS
Fluoranthene	mg/kg	MCERTS
Pyrene	mg/kg	MCERTS
Benz(a)anthracene	mg/kg	MCERTS
Chrysene	mg/kg	MCERTS
Benzo(b)fluoranthene	mg/kg	MCERTS
Benzo(k)fluoranthene	mg/kg	MCERTS
Benzo(a)pyrene	mg/kg	MCERTS
Indeno(1,2,3-cd)pyrene	mg/kg	MCERTS
Dibenzo(a,h)anthracene	mg/kg	MCERTS
Benzo(g,h,i)perylene	mg/kg	MCERTS
Total PAHs (sum USEPA16)	mg/kg	MCERTS

Aliphatic TPH >C5 - C6	mg/kg	MCERTS
Aliphatic TPH >C6 - C8	mg/kg	MCERTS
Aliphatic TPH >C8 - C10	mg/kg	MCERTS
Aliphatic TPH >C10 - C12	mg/kg	MCERTS
Aliphatic TPH >C12 - C16	mg/kg	MCERTS
Aliphatic TPH >C16 - C21	mg/kg	MCERTS
Aliphatic TPH >C21 - C35	mg/kg	MCERTS
Aliphatic TPH (C5 - C35)	mg/kg	MCERTS
Aromatic TPH >C5 - C7	mg/kg	MCERTS
Aromatic TPH >C7 - C8	mg/kg	MCERTS
Aromatic TPH >C8 - C10	mg/kg	MCERTS
Aromatic TPH >C10 - C12	mg/kg	MCERTS
Aromatic TPH >C12 - C16	mg/kg	MCERTS
Aromatic TPH >C16 - C21	mg/kg	MCERTS
Aromatic TPH >C21 - C35	mg/kg	MCERTS
Aromatic TPH (C5 - C35)	mg/kg	MCERTS

Benzene	mg/kg	MCERTS
Toluene	mg/kg	MCERTS
Ethylbenzene	mg/kg	MCERTS
p & m-xylene	mg/kg	MCERTS
o-xylene	mg/kg	MCERTS
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	MCERTS

Asbestos	ND/D	ISO 17025
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LS = LOAMY SAND

Visual Examination

The sample was described as pale yellow (Munsell Colour 2.5YR 7/4), slightly moist, non-plastic, slightly calcareous, LOAMY SAND with a single grain structure. The sample was virtually stone-free and contained a moderate proportion of organic fines and occasional woody fragments. No unusual odours, deleterious materials, roots or rhizomes of pernicious weeds were observed.

Results of analysis should be read in conjunction with the report they were issued with

The contents of this certificate shall not be reproduced without the express written permission of Tim O'Hare Associates LLP.

Eversley Topsoil

3
10
12
24
46
4
1
87
LS
1
0
0

7.7
1302
3501
2.9
5.0
0.23
13
64
1474
156

6
< 0.2
7
< 1.8
11
7
< 0.3
2
< 1.0
20
0.8
< 1.0
< 1.0

< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.80

< 0.020
< 0.020
< 0.050
< 1.0
< 2.0
< 8.0
< 8.0
< 10
< 0.010
< 0.010
< 0.050
< 1.0
< 2.0
< 10
< 10
< 10

< 0.005
< 0.005
< 0.005
< 0.005
< 0.005
< 0.005

Not-detected

Ebony Gheorghe
BSc MSc
Soil Scientist

APPENDIX E – DELIVERY TICKETS

VAT Reg No : GB 927 5290 06

Material Movement Record**Customer:** Mostrim Groundworks Ltd**Ticket No:** 1620447**Site Address:** DEE ROAD
DEE ROAD FIRE STATION
DEE ROAD
TILEHURST
READING, RG30 4FS**Date:** 28/11/2024**SIC Code:** 38110**Order No:** PO16788/PR208**Company/Person Collecting Waste****Name (print)** R COLLARD LIMITED**Vehicle Reg:** KX67WYR**Registered Waste Carrier No.** CBDU96607**Vehicle Type:** 8 Wheel Tipper

Collection / Disposal Point : AGG-ERA EVERSLEY QUARRY AGGREGATE OUT EVERSLEY HAULAGE PARK BRICKHOUSE HILL EVERSLEY RG27 0PZ Permit No.:EPR/GB3933DZ			
		Time on site	28/11/2024 08:55:58
		Time left site	28/11/2024 09:08:32
		Travel time to and from site	
		Total Hours	0 Hour(s) 12 Minute(s)
Weights:	Gross Weight (kg):	Tare Weight (kg):	Nett Weight (kg):

Material Description: BS3882 Top Soil**Qty:** 1.00**Unit:** Load**Comments:** NO ARRIVING TO SITE BEFORE 8AM.**Drivers Signature:**

Raymond Piggott

**Signed on behalf of Customer:**

Danny



WE ACCEPT NO LIABILITY FOR ANY DAMAGE CAUSED IF CUSTOMER(S) ASK FOR THE EHICLE TO BC TAKEN OFF THE PUBLIC HIGHWAY. THE CUSTOMER SHALL ALSO PROVIDE ANO CLEARLY INDICATE TO OUR DRIVER A SAFE ROUTE FROM THE PUBLIC HIGHWAY TO THE POINT OF DISCHARGE AND THE CUSTOMER SHALL INDEMNIFY US , OUR SERVANTS ANO AGENTS FOR ANY DAMAGE OR INJURY RESULTING FROM ANY FAILURE TO DO SO.

N.B. TO CUSTOMERS , AUTHORISED AGENTS, REPRESENTATIVES, OR RESPONSIBLE PERSONS SIGNING THIS DELIVERY TICKET. THIS IS IN YOUR INTEREST. PLEASE READ THIS TICKET CAREFULLY AND INSPECT MATERIAL. AGREEING QUANTITY, QUALITY AND THAT EVERYTHING IS TO YOUR SATISFACTION BEFORE , FINALLY SIGNING THIS RECEIPT NOTE. WE REGRET WE CANNOT UNDER ANY CIRCUMSTANCES ENTERTAIN ANY CLAIMS CONCERNING QUANTITY OR QUALITY, ONCE THE VEHICLE HAS LEFT THE SITE AND A CLEAR SIGNATURE HAS BEEN GIVEN.

WE CANNOT ACCEPT RESPONSIBILITY FOR DAMAGE CAUSED BY OUR VEHICLES WHILE DELIVERING TO YOUR SITE. ALL MATERIALS DELIVERED TO SITE REMAIN THE PROPERTY OF THE VENDOR UNTIL PAID FOR IN FULL.

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE AGGREGATES, SUB BASED MATERIALS AND ARISING MATERIALS BEING CONVEYED OR DISPOSED OF IN THE PURSUANCE OF THE SALE

ALL RECYCLED AGGREGATES SUPPLIED HAVE BEEN PRODUCED TO A QUALITY MANAGEMENT SCHEWE CONFORMING TO THE WRAP QUALITY PROTOCOL
I CONFIRM THAT: HAVE FULFILLED MY DUTY TO APPLY THE WASTE HIERARCHY AS REQUIRED BY REGULATION 12 OF THE WASTE (ENGLAND AND WALES)
REGULATIONS 2011

ALL WASTE HAS BEEN CONSIDERED IN THE CONTEXT OF THE WASTE HIERARCHY AND HAS BEEN DEALT WITH AS APPROPRIATE. SIC CODE 38110.

An unsigned ticket is not a valid reason for non-payment of invoice.

VAT Reg No : GB 927 5290 06

Material Movement Record**Customer:** Mostrim Groundworks Ltd**Ticket No:** 1620448**Site Address:** DEE ROAD
DEE ROAD FIRE STATION
DEE ROAD
TILEHURST
READING, RG30 4FS**Date:** 28/11/2024**SIC Code:** 38110**Order No:** PO16788/PR208**Company/Person Collecting Waste****Name (print)** R COLLARD LIMITED**Vehicle Reg:** KX67WYR**Registered Waste Carrier No.** CBDU96607**Vehicle Type:** 8 Wheel Tipper

Collection / Disposal Point : AGG-ERA EVERSLEY QUARRY AGGREGATE OUT EVERSLEY HAULAGE PARK BRICKHOUSE HILL EVERSLEY RG27 0PZ Permit No.:EPR/GB3933DZ			
		Time on site	28/11/2024 10:46:04
		Time left site	28/11/2024 11:09:10
		Travel time to and from site	
		Total Hours	0 Hour(s) 23 Minute(s)
Weights:	Gross Weight (kg):	Tare Weight (kg):	Nett Weight (kg):

Material Description: BS3882 Top Soil**Qty:** 1.00**Unit:** Load**Comments:** NO ARRIVING TO SITE BEFORE 8AM.**Drivers Signature:**

Raymond Piggott

**Signed on behalf of Customer:**

Danny



WE ACCEPT NO LIABILITY FOR ANY DAMAGE CAUSED IF CUSTOMER(S) ASK FOR THE EHICLE TO BC TAKEN OFF THE PUBLIC HIGHWAY. THE CUSTOMER SHALL ALSO PROVIDE ANO CLEARLY INDICATE TO OUR DRIVER A SAFE ROUTE FROM THE PUBLIC HIGHWAY TO THE POINT OF DISCHARGE AND THE CUSTOMER SHALL INDEMNIFY US , OUR SERVANTS ANO AGENTS FOR ANY DAMAGE OR INJURY RESULTING FROM ANY FAILURE TO DO SO.

N.B. TO CUSTOMERS , AUTHORISED AGENTS, REPRESENTATIVES, OR RESPONSIBLE PERSONS SIGNING THIS DELIVERY TICKET. THIS IS IN YOUR INTEREST. PLEASE READ THIS TICKET CAREFULLY AND INSPECT MATERIAL. AGREEING QUANTITY, QUALITY AND THAT EVERYTHING IS TO YOUR SATISFACTION BEFORE , FINALLY SIGNING THIS RECEIPT NOTE. WE REGRET WE CANNOT UNDER ANY CIRCUMSTANCES ENTERTAIN ANY CLAIMS CONCERNING QUANTITY OR QUALITY, ONCE THE VEHICLE HAS LEFT THE SITE AND A CLEAR SIGNATURE HAS BEEN GIVEN.

WE CANNOT ACCEPT RESPONSIBILITY FOR DAMAGE CAUSED BY OUR VEHICLES WHILE DELIVERING TO YOUR SITE. ALL MATERIALS DELIVERED TO SITE REMAIN THE PROPERTY OF THE VENDOR UNTIL PAID FOR IN FULL.

CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE AGGREGATES, SUB BASED MATERIALS AND ARISING MATERIALS BEING CONVEYED OR DISPOSED OF IN THE PURSUANCE OF THE SALE

ALL RECYCLED AGGREGATES SUPPLIED HAVE BEEN PRODUCED TO A QUALITY MANAGEMENT SCHEWE CONFORMING TO THE WRAP QUALITY PROTOCOL
I CONFIRM THAT: HAVE FULFILLED MY DUTY TO APPLY THE WASTE HIERARCHY AS REQUIRED BY REGULATION 12 OF THE WASTE (ENGLAND AND WALES)
REGULATIONS 2011

ALL WASTE HAS BEEN CONSIDERED IN THE CONTEXT OF THE WASTE HIERARCHY AND HAS BEEN DEALT WITH AS APPROPRIATE. SIC CODE 38110.

An unsigned ticket is not a valid reason for non-payment of invoice.

VAT Reg No : GB 927 5290 06

Material Movement Record**Customer:** Mostrim Groundworks Ltd**Ticket No:** 1630954**Site Address:** DEE ROAD
DEE ROAD FIRE STATION
DEE ROAD
TILEHURST
READING, RG30 4FS**Date:** 10/12/2024**SIC Code:** 38110**Order No:** PO17035/PR208**Company/Person Collecting Waste****Name (print)** R COLLARD LIMITED**Vehicle Reg:** RK74CUA**Registered Waste Carrier No.** CBDU96607**Vehicle Type:** 8 Wheel Tipper

Collection / Disposal Point : AGG-ERA EVERSLEY QUARRY AGGREGATE OUT EVERSLEY HAULAGE PARK BRICKHOUSE HILL EVERSLEY RG27 0PZ Permit No.:EPR/GB3933DZ			
		Time on site	10/12/2024 08:43:00
		Time left site	10/12/2024 09:04:00
		Travel time to and from site	
		Total Hours	0 Hour(s) 21 Minute(s)
Weights:	Gross Weight (kg):	Tare Weight (kg):	Nett Weight (kg):

Material Description: BS3882 Top Soil**Qty:** 1.00**Unit:** Load**Comments:** NO ARRIVING TO SITE BEFORE 8AM.**Drivers Signature:**

CRAIG WINDER

**Signed on behalf of Customer:**

Nathan



WE ACCEPT NO LIABILITY FOR ANY DAMAGE CAUSED IF CUSTOMER(S) ASK FOR THE EHICLE TO BC TAKEN OFF THE PUBLIC HIGHWAY. THE CUSTOMER SHALL ALSO PROVIDE ANO CLEARLY INDICATE TO OUR DRIVER A SAFE ROUTE FROM THE PUBLIC HIGHWAY TO THE POINT OF DISCHARGE AND THE CUSTOMER SHALL INDEMNIFY US , OUR SERVANTS ANO AGENTS FOR ANY DAMAGE OR INJURY RESULTING FROM ANY FAILURE TO DO SO.

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CERTIFIED THAT THE ABOVE PARTICULARS ARE TRUE AND RELATE TO THE AGGREGATES, SUB BASED MATERIALS AND ARISING MATERIALS BEING CONVEYED OR DISPOSED OF IN THE PURSUANCE OF THE SALE

ALL RECYCLED AGGREGATES SUPPLIED HAVE BEEN PRODUCED TO A QUALITY MANAGEMENT SCHEWE CONFORMING TO THE WRAP QUALITY PROTOCOL
I CONFIRM THAT: HAVE FULFILLED MY DUTY TO APPLY THE WASTE HIERARCHY AS REQUIRED BY REGULATION 12 OF THE WASTE (ENGLAND AND WALES)
REGULATIONS 2011

ALL WASTE HAS BEEN CONSIDERED IN THE CONTEXT OF THE WASTE HIERARCHY AND HAS BEEN DEALT WITH AS APPROPRIATE. SIC CODE 38110.

An unsigned ticket is not a valid reason for non-payment of invoice.

APPENDIX F – WASTE TRANSFER TICKETS

Account No. CM0000109

Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS SITE CONTACT: MARIAN	Ticket No: 88446 Ref: 3167 SIC Code: Vehicle Reg: WC60OPR Vehicle Type: 8x4 Tipper	Date: 10/12/2024 Order No: PO 17068/PR2C
---	---	---	---

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck			

Producer / Carrier		Customer		W/b Op Name	
Driver Name	Daniel Harmes	Print Name	Nathan	Signature	
Signature		Signature		Signature	

Tipped Information

Tipped Ticket: 88446 **Licence Number:**

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109
Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS	Ticket No: 88447	Date: 10/12/2024
		Ref: 3167	Order No: PO 17068/PR2C
		SIC Code:	
	SITE CONTACT: MARIAN	Vehicle Reg: AS11MUM	
		Vehicle Type: 8x4 Tipper	

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck	31400	12400	19000

Weighbridge

	Date	Time	KG
Weighbridge Operator	Ticket No: 88447	Gross	31400
Frank		Tare	12400
		Net	19000

Producer / Carrier		Customer	
Driver Name	Michal Fabinski	Print Name	Frank
Signature		Signature	Signature
			

Tipped Information
Tipped Ticket: 88447 **Licence Number:**

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109
Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS	Ticket No: 88448	Date: 10/12/2024
		Ref: 3167	Order No: PO 17068/PR2C
		SIC Code:	
	SITE CONTACT: MARIAN	Vehicle Reg: AS14OPR	
		Vehicle Type: 8x4 Tipper	

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck	31960	12400	19560

Weighbridge

		Date	Time	KG
Weighbridge Operator		Ticket No: 88448	Gross	31960
Frank			Tare	12400
			Net	19560

Producer / Carrier		Customer		
Driver Name	Gurdeep Jheeta	Print Name	Frank	W/b Op Name
Signature		Signature		Signature

Tipped Information
Tipped Ticket: 88448 **Licence Number:**

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109
Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS	Ticket No: 88449	Date: 10/12/2024
		Ref: 3167	Order No: PO 17068/PR2C
		SIC Code:	
	SITE CONTACT: MARIAN	Vehicle Reg: AS14MUD	
		Vehicle Type: 8x4 Tipper	

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck	31500	12900	18600

Weighbridge

		Date	Time	KG	
Weighbridge Operator		Ticket No: 88449		Gross	31500
Nathon				Tare	12900
				Net	18600

Producer / Carrier		Customer		
Driver Name	Darren Thorpe	Print Name	Nathon	W/b Op Name
Signature		Signature		Signature
				

Tipped Information
Tipped Ticket: 88449 **Licence Number:**

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.



J Mould Reading
Reading Quarry
Berrys Lane
Burghfield

Conveyance/Delivery Note

Carrier Licence: CBDU173096

VAT Reg: GB-844 6704 12

Permit No: EPR/1B3132AR

Account No. MOSTSURR

Site Address:

MOSTRIM GROUNDWORKS
LIMITED
119 KINGSTON ROAD
LEATHERHEAD
SURREY
KT22 7SU

DEE ROAD FIRE STATION
DEE ROAD
TILEHURST
RG30 4FS

SITE CONTACT: MARIAN
SITE TEL: 07521 630814

Ticket No: 439117
Date: 11/11/2024
Ref: 4221
Order No: PO16430/PR208
SIC Code: 42990
EWC Code: 17 05 04
Vehicle Reg: SC23NNY
Vehicle Type: Tipper

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Muck Away (Subsoil)	30940	12700	18240

Weighbridge

Date

Time

KG

Weighbridge Operator

Ticket No: 439117

12/11/2024

00:00:00

Gross

30940

Phil

12/11/2024

00:00:00

Tare

12700

Net

18240

Producer / Carrier

Customer

Driver Name

Kristian Phillips

Print Name

Mario

W/b Op Name

Signature

Signature

Signature

Tipped Information

Location:

TARMAC SONNING
TARMAC SONNING QUARRY
A4155
PLAYHATCH
SONNING
RG4 9RB

Tipped Ticket: 1206445287

Licence Number:

Tipped Ticket:

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.



J Mould Reading
Reading Quarry
Berrys Lane
Burghfield

Conveyance/Delivery Note

Carrier Licence: CBDU173096

VAT Reg: GB-844 6704 12

Permit No: EPR/1B3132AR

Account No. MOSTSURR

Site Address:

MOSTRIM GROUNDWORKS
LIMITED
119 KINGSTON ROAD
LEATHERHEAD
SURREY
KT22 7SU

DEE ROAD FIRE STATION
DEE ROAD
TILEHURST
RG30 4FS

SITE CONTACT: MARIAN
SITE TEL: 07521 630814

Ticket No: 439118 **Date:** 11/11/2024
Ref: 4221 **Order No:** PO16430/PR208
SIC Code: 42990
EWC Code: 17 05 04
Vehicle Reg: SC23NNY
Vehicle Type: Tipper

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Muck Away (Subsoil)	31300	12700	18600

Weighbridge

Date

Time

KG

Weighbridge Operator

Ticket No: 439118

12/11/2024

00:00:00

Gross

31300

Phil

12/11/2024

00:00:00

Tare

12700

Net

18600

Producer / Carrier

Customer

Driver Name

Kristian Phillips

Print Name

Marian

W/b Op Name

Signature

Signature

Signature

Tipped Information

Location:

TARMAC SONNING
TARMAC SONNING QUARRY
A4155
PLAYHATCH
SONNING
RG4 9RB

Tipped Ticket: 1206445652

Licence Number:

Tipped Ticket:

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.



J Mould Reading
Reading Quarry
Berrys Lane
Burghfield

Conveyance/Delivery Note

Carrier Licence: CBDU173096

VAT Reg: GB-844 6704 12

Permit No: EPR/1B3132AR

Account No. MOSTSURR

Site Address:

MOSTRIM GROUNDWORKS
LIMITED
119 KINGSTON ROAD
LEATHERHEAD
SURREY
KT22 7SU

DEE ROAD FIRE STATION
DEE ROAD
TILEHURST
RG30 4FS

SITE CONTACT: MARIAN
SITE TEL: 07521 630814

Ticket No: 439391
Date: 12/11/2024
Ref: 4221
Order No: PO16430/PR208
SIC Code: 42990
EWC Code: 17 05 04
Vehicle Reg: SC23NNY
Vehicle Type: Tipper

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Muck Away (Subsoil)	31360	12700	18660

Weighbridge	Date	Time	KG
Weighbridge Operator	Ticket No: 439391	13/11/2024 00:00:00	Gross 31360
Phil		13/11/2024 00:00:00	Tare 12700
			Net 18660

Producer / Carrier

Customer

Driver Name

Kristian Phillips

Print Name

Mario

W/b Op Name

Signature

Signature

Signature

Tipped Information

Location: TARMAC SONNING
TARMAC SONNING QUARRY
A4155
PLAYHATCH
SONNING
RG4 9RB

Tipped Ticket: 1206446997

Licence Number:

Tipped Ticket:

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109
Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS	Ticket No: 89202	Date: 17/12/2024
		Ref: 3167	Order No: PO 17190/PR2C
		SIC Code:	
	SITE CONTACT: MARIAN	Vehicle Reg: AS14MUM	
		Vehicle Type: 8x4 Tipper	

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck	32000	13000	19000

Weighbridge

		Date	Time	KG
Weighbridge Operator	Ticket No: 89202			Gross 32000
				Tare 13000
				Net 19000

Producer / Carrier		Customer		
Driver Name	John Oswell	Print Name	Frank	W/b Op Name
Signature		Signature		Signature

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109
Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS	Ticket No: 89203	Date: 17/12/2024
		Ref: 3167	Order No: PO 17190/PR2C
		SIC Code:	
	SITE CONTACT: MARIAN	Vehicle Reg: AS17GFS	
		Vehicle Type: 8x4 Tipper	

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck	32000	13000	19000

Weighbridge

	Date	Time	KG
Weighbridge Operator Frank	Ticket No: 89203		Gross 32000
			Tare 13000
			Net 19000

Producer / Carrier		Customer		
Driver Name	JIMMY WAY	Print Name	Frank	W/b Op Name
Signature		Signature		Signature
				

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109

Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS SITE CONTACT: MARIAN	Ticket No: 89204 Ref: 3167 SIC Code: Vehicle Reg: AS17MUD Vehicle Type: 8x4 Tipper	Date: 17/12/2024 Order No: PO 17190/PR2C
---	---	---	---

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck			

Producer / Carrier		Customer		W/b Op Name
Driver Name	JASON BENDER	Print Name	Frank	
Signature		Signature		Signature
				

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109
Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS	Ticket No: 88762	Date: 12/12/2024
		Ref: 3167	Order No: PO 17119// PR:
		SIC Code:	
	SITE CONTACT: MARIAN	Vehicle Reg: AS14MOT	
		Vehicle Type: 8x4 Tipper	

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck	31400	12400	19000

Weighbridge

	Date	Time	KG
Weighbridge Operator			
Frank		Ticket No: 88762	Gross 31400
			Tare 12400
			Net 19000

Producer / Carrier		Customer	
Driver Name	Michal Fabinski	Print Name	Frank
Signature		Signature	
		W/b Op Name	
		Signature	

Tipped Information
Tipped Ticket: 88762 **Licence Number:**

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

Account No. CM0000109
Site Address:

MOSTRIM GROUNDWORKS LTD 20 UNIT 119 KINGSTON ROAD SURREY KT22 7SU	MOSTRIM GROUNDWORKS - DEE ROAD FIRE STATION DEE ROAD FIRE STATION DEE ROAD RG30 4FS	Ticket No: 88763	Date: 12/12/2024
		Ref: 3167	Order No: PO 17119// PR:
		SIC Code:	
	SITE CONTACT: MARIAN	Vehicle Reg: AS14MUC	
		Vehicle Type: 8x4 Tipper	

Qty	Unit	Product Type	Gross (KG)	Tare (KG)	Net (KG)
1.00	Load	Inert/Muck			

Producer / Carrier		Customer		
Driver Name	Bankole Rashid	Print Name	Frank	W/b Op Name
Signature		Signature		Signature
				

Tipped Information
Tipped Ticket: 88763

Licence Number:

I, the producer/holder/transferor, confirm that I have fulfilled my duty to apply the waste hierarchy as requested by regulation 12 of the Waste (England and Wales) Regulations 2011.

APPENDIX G – LABORATORY RESULTS

Enzygo Geoenvironmental Ltd
The Byre
Woodend Lane
Cromhall
Gloucestershire
GL12 8AA

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

e: richard.reece@enzygo.com

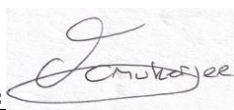
t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 24-058880-2B

Replaces Analytical Report Number: 24-058880, issue no. 1
Report format change.
Split report as per client request

Project / Site name:	Dee Road	Samples received on:	11/12/2024
Your job number:	CRM.1265.035	Samples instructed on/ Analysis started on:	12/12/2024
Your order number:	CRM.1265.035	Analysis completed by:	19/12/2024
Report Issue Number:	2	Report issued on:	06/01/2025
Samples Analysed:	2 soil samples		

Signed:



Tuhina Mukerjee
Senior Customer Service Advisor
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
air	- once the analysis is complete

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: 24-058880
Project / Site name: Dee Road
Your Order No: CRM.1265.035

Lab Sample Number				405307	405308
Sample Reference				HP4	HP5
Sample Number				None Supplied	None Supplied
Water Matrix				N/A	N/A
Depth (m)				0.00-0.60	0.00-0.60
Date Sampled				10/12/2024	10/12/2024
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	21	25
Total mass of sample received	kg	0.1	NONE	0.8	0.8

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	KWB	KWB

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	7.5	7.8
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.6	5.9

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	3
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.08	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.08
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.08
Phenanthrene	mg/kg	0.05	MCERTS	0.1	1.3
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.16	2.7
Pyrene	mg/kg	0.05	MCERTS	0.14	2
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.07	1
Chrysene	mg/kg	0.05	MCERTS	0.07	1.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.11	1.3
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.47
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.09	1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.06	0.52
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.11
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.06	0.51

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	0.96	12.6
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	15	10
Boron (water soluble)	mg/kg	0.2	MCERTS	2.4	4.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	35	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	28	39
Lead (aqua regia extractable)	mg/kg	1	MCERTS	38	46
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	26	14
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	68	120

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 HS 1D AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010
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Analytical Report Number: 24-058880
Project / Site name: Dee Road
Your Order No: CRM.1265.035

Lab Sample Number	405307	405308
Sample Reference	HP4	HP5
Sample Number	None Supplied	None Supplied
Water Matrix	N/A	N/A
Depth (m)	0.00-0.60	0.00-0.60
Date Sampled	10/12/2024	10/12/2024
Time Taken	None Supplied	None Supplied

Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	8.9	43
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	< 10	43

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	< 1.0	1.7
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	< 2.0	4.7
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	33
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	< 10	39

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 24-058880

Project / Site name: Dee 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 *
405307	HP4	None Supplied	0.00-0.60	Brown loam and clay with gravel and vegetation
405308	HP5	None Supplied	0.00-0.60	Brown loam and clay with gravel and vegetation

Analytical Report Number : 24-058880

Project / Site name: Dee Road

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

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 dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	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.	L019B	D	NONE
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	L038B	D	MCERTS
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	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic	In-house method	L076B/L088-PL	D/W	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
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	L080-PL	W	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	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

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' 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.

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.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution

Enzygo Geoenvironmental Ltd
The Byre
Woodend Lane
Cromhall
Gloucestershire
GL12 8AA

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

e: richard.reece@enzygo.com

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

Analytical Report Number : 24-058877

Project / Site name:	Dee Road	Samples received on:	11/12/2024
Your job number:	CR M1265 035	Samples instructed on/ Analysis started on:	12/12/2024
Your order number:	CRM 1265 035	Analysis completed by:	19/12/2024
Report Issue Number:	1	Report issued on:	19/12/2024
Samples Analysed:	1 soil sample		

Signed:



Joanna Wawrzeczko
Senior Reporting 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
air	- once the analysis is complete

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: 24-058877
Project / Site name: Dee Road
Your Order No: CRM 1265 035

Lab Sample Number				405300
Sample Reference				HP9
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				0.00-0.60
Date Sampled				10/12/2024
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	22
Total mass of sample received	kg	0.1	NONE	0.8

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	KWB

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	7.3
Total Cyanide	mg/kg	1	MCERTS	< 1.0
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	4.4

Total Phenols

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

Naphthalene	mg/kg	0.05	MCERTS	0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.06
Phenanthrene	mg/kg	0.05	MCERTS	0.37
Anthracene	mg/kg	0.05	MCERTS	0.08
Fluoranthene	mg/kg	0.05	MCERTS	0.88
Pyrene	mg/kg	0.05	MCERTS	0.72
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.38
Chrysene	mg/kg	0.05	MCERTS	0.43
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.52
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.19
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.38
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.21
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.22

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	4.54
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11
Boron (water soluble)	mg/kg	0.2	MCERTS	3.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	20
Copper (aqua regia extractable)	mg/kg	1	MCERTS	38
Lead (aqua regia extractable)	mg/kg	1	MCERTS	43
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	100

Analytical Report Number: 24-058877
Project / Site name: Dee Road
Your Order No: CRM 1265 035

Lab Sample Number				405300
Sample Reference				HP9
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				0.00-0.60
Date Sampled				10/12/2024
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	30
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	30

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	< 1.0
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	< 2.0
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	15
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	15

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

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* 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 *
405300	HP9	None Supplied	0.00-0.60	Brown loam and clay with gravel and vegetation

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Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

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 dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	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.	L019B	D	NONE
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	L038B	D	MCERTS
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	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic	In-house method	L076B/L088-PL	D/W	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
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	L080-PL	W	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	L080-PL	W	MCERTS

Analytical Report Number : 24-058877

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Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' 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.

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.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution