

9th December 2024
21121c08

Mr Lewis Charlesworth
K D New Homes
Spicer House
Lincoln House
High Wycombe
HP12 3RH

Dear Lewis

VERIFICATION REPORT – DECEMBER 2024 BIBBSWORTH HALL FARM, AYOT ST LAWRENCE, SG4 8EN

Overview

WDE Consulting (WDE) is pleased to present K D New Homes (the client) with the surface cover and hotspot verification results carried out at Bibbsworth Hall Farm, Ayot St Laurence, SG4 8EN (Figure 1). Planning permission has been issued by North Hertfordshire District Council 20/01254/FP for 3no residential units with private gardens (Figure 2).

This work was carried out to verify the removal of hotspot materials and assess the depth and suitability of the remaining topsoil and subsoil for the intended use within the soft-standing areas of the site (Figure 2). All materials will need to comply with the verification criteria established within the Remedial Strategy¹ and that 600/450mm thickness surface cover is present within private gardens and landscaped areas respectively.

The works described in this report are subject to WDE's Standard Terms of Business. This report was finalised in December 2024 and should be read in light of any subsequent changes in legislation, statutory requirements, statutory guidance, non-statutory guidance, relevant research, and industry practices. Photographs and laboratory testing are presented in the attached appendices.

Scope of Work

A summary of the scope of work undertaken is presented in Table 1.

Table 1 – Scope of Work Undertaken

Item	Description	Start Date	Completion Date
1	Soil Verification Visit	18 th November 2024	19 th November 2024
2	Contamination Testing	20 th November 2024	29 th November 2024
3	Soil Verification Report	2 nd December 2024	9 th December 2024

¹ WDE Consulting Ltd. February 2023. Remedial Strategy.21121R2.

VERIFICATION OF SURFACE COVER

Soil Sampling

Three surface cover verification tests (VS2 – VS5) were taken within the private garden areas (Figure 2) to verify the quality and depth of material. A summary of the surface cover verification samples is provided in Table 2.

Table 2 – Summary of Surface Cover Verification Samples

Reference	Sample Reference	Unit No	Soil Description	Sample Depth (m/bgl)	PID (ppm)
Surface Cover	VS2	4	Brown gravelly clay	0.5	0.0
	VS3	3	Brown gravelly clay	0.4	0.0
	VS5	2	Brown gravelly clay	0.5	0.0

Verification of Thickness

The depth of each layer is summarised below in Table 3 and confirmed within the photos (Appendix A).

Table 3 - Summary of Surface Cover Layers

Layer	Depth From – To (mm bgl)		
	VS2	VS3	VS5
Topsoil	0-150	0-150	0-150
Subsoil	150 - 600	150 - 600	150 - 600
Compliance with 600mm	Y	Y	Y

Analytical Results

The laboratory results obtained from the surface cover materials are summarised in Table 4 along with a comparison against the adopted criteria and presented in full in Appendix B.

Table 4 – Comparison of Soil Laboratory Results with Verification Criteria (VC) (mg/kg)

Contaminant of Concern	VC	Source	VS2	VS3	VS5
Asbestos	Absent	WDE	ND	ND	ND
Total Phenols	280	LQM	BDL	BDL	BDL
Cyanide	50	DIV	BDL	BDL	BDL
Naphthalene	2.3	LQM	BDL	BDL	BDL
Acenaphthylene	170	LQM	BDL	BDL	BDL
Acenaphthene	210	LQM	BDL	BDL	0.05
Fluorene	170	LQM	BDL	BDL	BDL
Phenanthrene	95	LQM	0.06	0.26	0.48
Anthracene	2400	LQM	BDL	0.07	0.12
Fluoranthene	280	LQM	0.15	0.94	0.75
Pyrene	620	LQM	0.13	0.85	0.65
Benzo(a)anthracene	7.2	LQM	BDL	0.44	0.29
Chrysene	15	LQM	0.05	0.44	0.3
Benzo(b)fluoranthene	2.6	LQM	0.1	0.62	0.38
Benzo(k)fluoranthene	77	LQM	BDL	0.26	0.14
Benzo(a)pyrene	2.2	LQM	0.07	0.53	0.34
Indeno(1,2,3-cd)pyrene	27	LQM	BDL	0.22	0.16
Dibenz(a,h)anthracene	0.24	LQM	BDL	BDL	BDL
Benzo(ghi)perylene	320	LQM	0.06	0.26	0.16
Arsenic	37	LQM	15	20	11
Boron	290	LQM	0.8	0.9	0.5
Cadmium	11	LQM	0.3	BDL	BDL
Chromium	910	LQM	34	55	32
Copper	2400	LQM	19	25	17
Lead	210	C4SL	21	40	19
Mercury	40	LQM	BDL	BDL	BDL
Nickel	180	LQM	23	28	15
Selenium	250	LQM	BDL	BDL	BDL
Zinc	3700	LQM	72	78	53
Benzene	0.087	LQM	BDL	BDL	BDL
Toluene	130	LQM	BDL	BDL	BDL
Ethylbenzene	47	LQM	BDL	BDL	BDL
Xylenes (sum)	56	LQM	BDL	BDL	BDL
MTBE	DL	WDE	BDL	BDL	BDL
TPH - Aliphatic >C5 - C6	42	LQM	BDL	BDL	BDL
TPH - Aliphatic >C6 - C8	100	LQM	BDL	BDL	BDL
TPH - Aliphatic >C8 - C10	27	LQM	BDL	BDL	BDL
TPH - Aliphatic >C10 - C12	130	LQM	BDL	BDL	BDL
TPH - Aliphatic >C12 - C16	1100	LQM	BDL	BDL	BDL
TPH - Aliphatic >C16 - C21	65000	LQM	BDL	BDL	BDL
TPH - Aliphatic >C21 - C35	65000	LQM	BDL	BDL	8.2
TPH - Aromatic >C5 - C7	70	LQM	BDL	BDL	BDL
TPH - Aromatic >C7 - C8	130	LQM	BDL	BDL	BDL
TPH - Aromatic >C8 - C10	34	LQM	BDL	BDL	BDL
TPH - Aromatic >C10 - C12	74	LQM	BDL	BDL	BDL
TPH - Aromatic >C12 - C16	140	LQM	BDL	BDL	BDL
TPH - Aromatic >C16 - C21	260	LQM	BDL	BDL	BDL
TPH - Aromatic >C21 - C35	1100	LQM	BDL	BDL	BDL

Importation Certificates

Copies of the topsoil importation certificates are presented in Appendix C and summarised in Table 5.

Table 5 – Summary of Certificates

Ticket Number	Date	Haulage Company	Net Volume (m3)	Destination
100142895	23/05/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100145376	04/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100146937	10/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100148050	13/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100147786	12/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100145745	05/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100145376	04/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100148050	13/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm
100147786	12/06/2024	B.P Mitchell	20	Bibbsworth Hall Farm

VERIFICATION OF HOTSPOT AREAS

Soil Samples

It is WDE's understanding that a reduced dig of around 750mm was undertaken in the previously identified hot spot areas (hot spot A & B) and exported offsite by Lucas Groundworks. Three verification tests (HA1.1 – HA2.2) were taken from the hotspot locations using a hand auger to check compliance with the adopted criteria (Figure 2).

A summary of the hotspot verification samples is provided in Table 6.

Table 6 – Summary of Hotspot Verification Samples

Reference	Sample Reference	Soil Description	Sample Depth (m/bgl)	PID (ppm)
Hotspot A	HA1.2	Soft brown gravelly Clay	0.3	0.0
Hotspot B	HA2.1	Soft brown gravelly Clay	0.1	0.0
	HA2.2	Soft brown gravelly Clay	0.3	0.0

Verification of Thickness

The depth of each layer is summarised below in Table 3 and confirmed within the photos (Appendix A).

Table 7 - Summary of Surface Cover Layers

Layer	Depth From – To (mm bgl)		
	HA1.2	HA2.1	HA2.2
Topsoil	0 – 200	0 – 150	0 – 150
Subsoil	200 – 450	150 – 450	150 – 450
Compliance with 450mm	Y	Y	Y

Analytical Results

The laboratory results obtained from the hot spot verification is summarised in Table 8 along with a comparison against the adopted criteria and presented in full in Appendix B.

Table 8 – Comparison of Soil Laboratory Results with Verification Criteria (VC) (mg/kg)

Contaminant of Concern	VC	Source	HA1.2	HA2.1	HA2.2
Asbestos	Absent	WDE	ND	ND	ND
Total Phenols	280	LQM	BDL	BDL	BDL
Cyanide	50	DIV	BDL	BDL	BDL
Naphthalene	2.3	LQM	0.08	0.07	BDL
Acenaphthylene	170	LQM	BDL	BDL	BDL
Acenaphthene	210	LQM	0.06	0.31	BDL
Fluorene	170	LQM	0.06	0.26	BDL
Phenanthrene	95	LQM	0.68	1.6	0.11
Anthracene	2400	LQM	0.15	0.27	BDL
Fluoranthene	280	LQM	1.5	2.1	0.31
Pyrene	620	LQM	1.4	1.8	0.28
Benzo(a)anthracene	7.2	LQM	0.72	0.85	0.11
Chrysene	15	LQM	0.78	0.92	0.14
Benzo(b)fluoranthene	2.6	LQM	0.91	1.1	0.19
Benzo(k)fluoranthene	77	LQM	0.6	0.53	0.09
Benzo(a)pyrene	2.2	LQM	0.94	0.98	0.17
Indeno(1,2,3-cd)pyrene	27	LQM	0.49	0.4	0.08
Dibenz(a,h)anthracene	0.24	LQM	0.08	0.1	BDL
Benzo(ghi)perylene	320	LQM	0.58	0.42	0.1
Arsenic	37	LQM	16	12	13
Boron	290	LQM	1.2	1.7	0.9
Cadmium	11	LQM	BDL	0.3	BDL
Chromium	910	LQM	40	41	39
Copper	2400	LQM	24	20	21
Lead	210	C4SL	53	37	33
Mercury	40	LQM	BDL	BDL	BDL
Nickel	180	LQM	19	23	23
Selenium	250	LQM	BDL	BDL	BDL
Zinc	3700	LQM	83	120	80
Benzene	0.087	LQM	BDL	BDL	BDL
Toluene	130	LQM	BDL	BDL	BDL
Ethylbenzene	47	LQM	BDL	BDL	BDL
Xylenes (sum)	56	LQM	BDL	BDL	BDL
MTBE	DL	WDE	BDL	BDL	BDL
TPH - Aliphatic >C5 - C6	42	LQM	BDL	BDL	BDL
TPH - Aliphatic >C6 - C8	100	LQM	BDL	BDL	BDL
TPH - Aliphatic >C8 - C10	27	LQM	BDL	BDL	BDL
TPH - Aliphatic >C10 - C12	130	LQM	BDL	BDL	BDL
TPH - Aliphatic >C12 - C16	1100	LQM	BDL	BDL	BDL
TPH - Aliphatic >C16 - C21	65000	LQM	BDL	BDL	BDL
TPH - Aliphatic >C21 - C35	65000	LQM	BDL	BDL	BDL
TPH - Aromatic >C5 - C7	70	LQM	BDL	BDL	BDL
TPH - Aromatic >C7 - C8	130	LQM	BDL	BDL	BDL
TPH - Aromatic >C8 - C10	34	LQM	BDL	BDL	BDL
TPH - Aromatic >C10 - C12	74	LQM	BDL	BDL	BDL
TPH - Aromatic >C12 - C16	140	LQM	BDL	BDL	BDL
TPH - Aromatic >C16 - C21	260	LQM	BDL	BDL	BDL
TPH - Aromatic >C21 - C35	1100	LQM	BDL	BDL	BDL

Exportation Certificates

Lucas Groundworks have since gone into receivership and therefore no exportation certificates are available for reproduction.

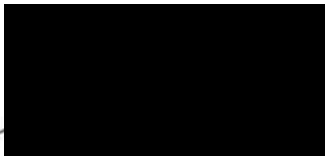
Conclusions

The samples taken from the surface cover materials and hotspot areas have complied with the adopted verification criteria and surface cover thickness. WDE considers that the site is suitable for the proposed residential land use and no further actions are required.

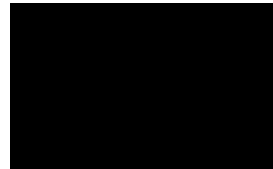
Please do not hesitate to contact us should you require any additional information.

Yours sincerely,

WDE CONSULTING LIMITED



Ryan Saint
Graduate Consultant



Jason Fitzgerald
Principal Consultant

Attached:

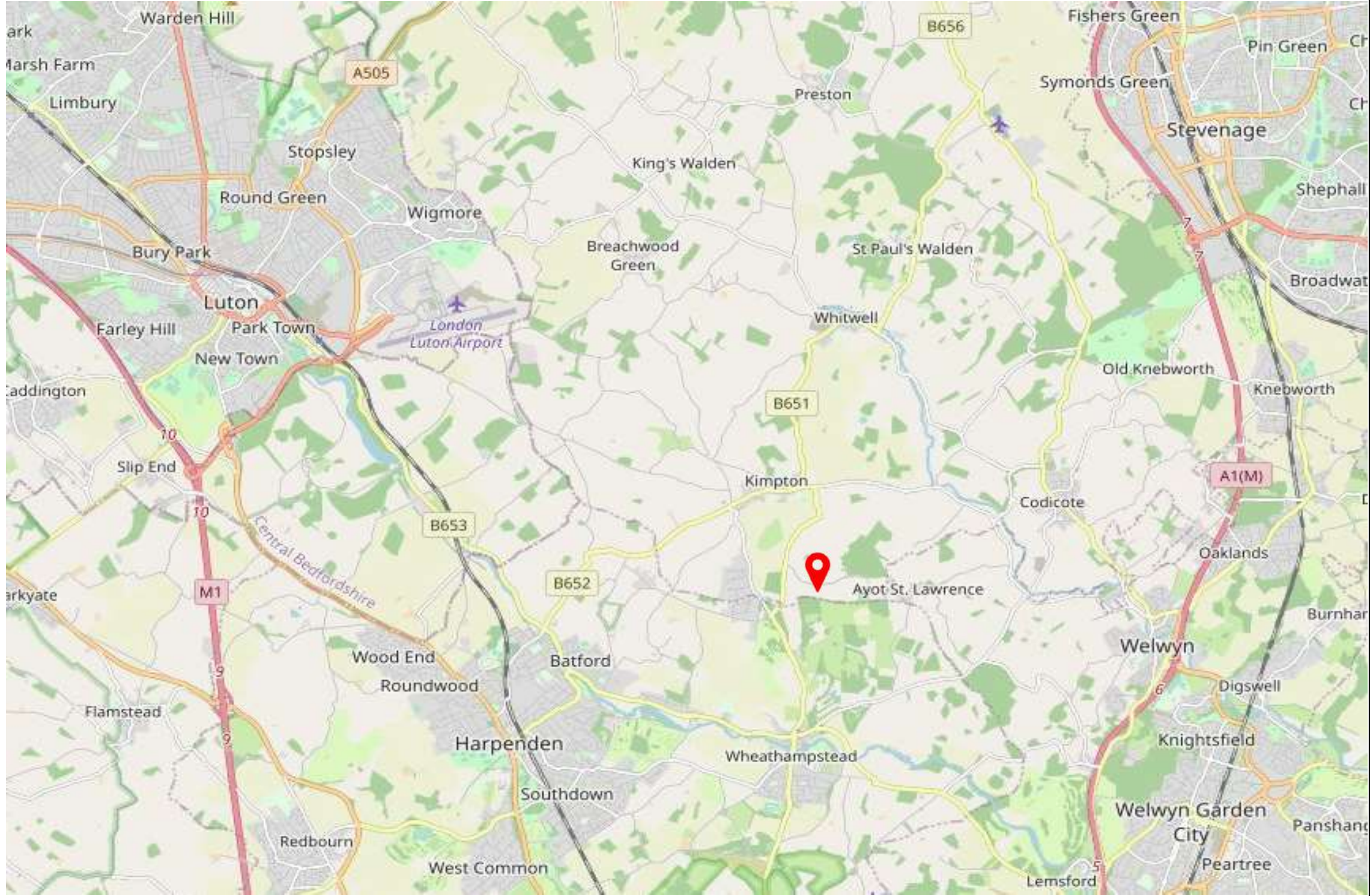
Figures

Appendix A: Photos

Appendix B: Soil Chemical Test Results

Appendix C: Tickets

FIGURES



Client
K D New Homes

Project
Bibbworth Hall Farm

Title
Figure 1: Site Location Plan

© OpenStreetMap contributors

APPENDIX A: SITE PHOTOS

Photo 1: Hotspot Area A (HA1.2)



Photo 2: Hotspot Area B (HA2.1, HA2.2)



Photo 3: VS2 (unit 4)



Photo 4: VS3 (unit 3)



Photo 5: VS5 (unit 2)



APPENDIX B: SOIL CHEMICAL TEST RESULTS

Chemtest WDE Standard QRA Suite

	No. of Samples	Unit	Target Concentration	Source	Min	Max	No. That Exceed	Sample Ref	HA1.2	HA2.1	HA2.2	VS2	VS3	VS5
								Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
								Depth	0.30	0.10	0.30	0.50	0.40	0.50
								Date	18/11/2024	18/11/2024	18/11/2024	19/11/2024	19/11/2024	19/11/2024
								ACM Lab						
			Residential with hgp											
Moisture Content	6	%	-						18	20	18	20	23	14
Asbestos	6	N/A	DL	WDE					Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification	0	%	0.001	HSE	0	BDL	0							
pH	6	pH Units	-	-	7.3	8.5	0		7.8	7.3	7.5	8.5	7.8	8.1
Total Cyanide	6	mg/kg	50	DIV	0	BDL	0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Sulphate Total	6	%	-	-	0.037	0.201	-		0.201	0.066	0.055	0.077	0.066	0.037
Sulphate as SO ₄	6	g/l	-	-	0.064	1.4	-		1.4	0.064	0.09	0.35	0.39	0.26
Sulphide	6	mg/kg	-	-	1.1	3.1	-		1.1	< 1.0	< 1.0	< 1.0	3.1	1.5
Total Organic Carbon (TOC)	6	%	-	-	0.5	2.2	-		1.3	2.2	1	0.7	0.7	0.5
Total Phenols (monohydric)	6	mg/kg	280	LQM	0	BDL	0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	6	mg/kg	2.3	LQM	0.07	0.08	0		0.08	0.07	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	6	mg/kg	170	LQM	0	BDL	0		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	6	mg/kg	210	LQM	0.05	0.31	0		0.06	0.31	< 0.05	< 0.05	< 0.05	0.05
Fluorene	6	mg/kg	170	LQM	0.06	0.26	0		0.06	0.26	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	6	mg/kg	95	LQM	0.06	1.6	0		0.68	1.6	0.11	0.06	0.26	0.48
Anthracene	6	mg/kg	2400	LQM	0.07	0.27	0		0.15	0.27	< 0.05	< 0.05	0.07	0.12
Fluoranthene	6	mg/kg	280	LQM	0.15	2.1	0		1.5	2.1	0.31	0.15	0.94	0.75
Pyrene	6	mg/kg	620	LQM	0.13	1.8	0		1.4	1.8	0.28	0.13	0.85	0.65
Benzo(a)anthracene	6	mg/kg	7.2	LQM	0.11	0.85	0		0.72	0.85	0.11	< 0.05	0.44	0.29
Chrysene	6	mg/kg	15	LQM	0.05	0.92	0		0.78	0.92	0.14	0.05	0.44	0.3
Benzo(b)fluoranthene	6	mg/kg	2.6	LQM	0.1	1.1	0		0.91	1.1	0.19	0.1	0.62	0.38
Benzo(k)fluoranthene	6	mg/kg	77	LQM	0.09	0.6	0		0.6	0.53	0.09	< 0.05	0.26	0.14
Benzo(a)pyrene	6	mg/kg	2.2	LQM	0.07	0.98	0		0.94	0.98	0.17	0.07	0.53	0.34
Indeno(1,2,3-cd)pyrene	6	mg/kg	27	LQM	0.08	0.49	0		0.49	0.4	0.08	< 0.05	0.22	0.16
Dibenz(a,h)anthracene	6	mg/kg	0.24	LQM	0.08	0.1	0		0.08	0.1	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	6	mg/kg	320	LQM	0.06	0.58	0		0.58	0.42	0.1	0.06	0.26	0.16
Total EPA-16 PAHs	6	mg/kg	-	-	1.57	11.7	0		8.96	11.7	1.57	< 0.80	4.89	3.83
Arsenic (dissolved)	6	mg/kg	37	LQM	11	20	0		16	12	13	15	20	11
Boron (dissolved)	6	mg/kg	290	LQM	0.5	1.7	0		1.2	1.7	0.9	0.8	0.9	0.5
Cadmium (dissolved)	6	mg/kg	11	LQM	0.3	0.3	0		< 0.2	0.3	< 0.2	0.3	< 0.2	< 0.2
Chromium (dissolved)	6	mg/kg	910	LQM	32	55	0		40	41	39	34	55	32
Copper (dissolved)	6	mg/kg	2400	LQM	17	25	0		24	20	21	19	25	17
Lead (dissolved)	6	mg/kg	210	C4SL	19	53	0		53	37	33	21	40	19
Mercury (dissolved)	6	mg/kg	40	LQM	0	BDL	0		< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (dissolved)	6	mg/kg	180	LQM	15	28	0		19	23	23	23	28	15
Selenium (dissolved)	6	mg/kg	250	LQM	0	BDL	0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium	6	mg/kg	410	LQM	51	88	0		57	51	61	61	88	55
Zinc (dissolved)	6	mg/kg	3700	LQM	53	120	0		83	120	80	72	78	53
Benzene	6	mg/kg	0.087	LQM	0	BDL	0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	6	mg/kg	130	LQM	0	BDL	0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	6	mg/kg	47	LQM	0	BDL	0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Xylenes (o)	6	mg/kg	60	LQM	0	BDL	0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Xylenes (m p)	6	mg/kg	56	LQM	0	BDL	0		< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
MTBE (Methyl Tertiary Butyl Ether)	6	mg/kg	49	CLAIRE	0	BDL	0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	6	mg/kg	-	-	0	BDL	0		< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C5 - C6	6	mg/kg	42	LQM	0	BDL	0		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPH-CWG - Aliphatic >C6 - C8	6	mg/kg	100	LQM	0	BDL	0		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPH-CWG - Aliphatic >C8 - C10	6	mg/kg	27	LQM	0	BDL	0		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

TPH-CWG - Aliphatic >C10 - C12	6	mg/kg	130	LQM	0	BDL	0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C12 - C16	6	mg/kg	1100	LQM	0	BDL	0		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >C16 - C21	6	mg/kg	65000	LQM	0	BDL	0		< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >C21 - C35	6	mg/kg	65000	LQM	8.2	8.2	0		< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	8.2
TPH-CWG - Aliphatic >C35 - C44	6	mg/kg	65000	LQM	0	BDL	0		< 8.4	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
Total Aliphatic Hydrocarbons	6	mg/kg	-	-	0	BDL	0		< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C5 - C7	6	mg/kg	70	LQM	0	BDL	0		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPH-CWG - Aromatic >C7 - C8	6	mg/kg	130	LQM	0	BDL	0		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPH-CWG - Aromatic >C8 - C10	6	mg/kg	34	LQM	0	BDL	0		< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPH-CWG - Aromatic >C10 - C12	6	mg/kg	74	LQM	0	BDL	0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C12 - C16	6	mg/kg	140	LQM	0	BDL	0		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >C16 - C21	6	mg/kg	260	LQM	0	BDL	0		< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C21 - C35	6	mg/kg	1100	LQM	0	BDL	0		< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C35 - C44	6	mg/kg	1100	LQM	0	BDL	0		< 8.4	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
Total Aromatic Hydrocarbon	6	mg/kg	-	-	0	BDL	0		< 10	< 10	< 10	< 10	< 10	< 10

Below GAC 
Exceedence 



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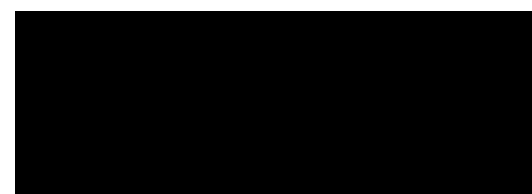
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Analytical Report Number : 24-054856

Project / Site name:	Bibbsworth Hall Farm, Ayot St Lawrence	Samples received on:	20/11/2024
Your job number:	21121	Samples instructed on/ Analysis started on:	20/11/2024
Your order number:	PO 24 477	Analysis completed by:	29/11/2024
Report Issue Number:	1	Report issued on:	29/11/2024
Samples Analysed:	6 soil samples		



Signed:

Dominika Liana
Junior 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

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: 24-054856
Project / Site name: Bibbworth Hall Farm, Ayot St Lawrence
Your Order No: PO 24 477

Lab Sample Number				384886	384887	384888	384889	384890
Sample Reference				HA1.2	HA2.1	HA2.2	VS2	VS3
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				0.30	0.10	0.30	0.50	0.40
Date Sampled				18/11/2024	18/11/2024	18/11/2024	19/11/2024	19/11/2024
Time Taken				None Supplied	None Supplied	None Supplied	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	< 0.1	< 0.1	15.4
Moisture Content	%	0.01	NONE	18	20	18	20	23
Total mass of sample received	kg	0.1	NONE	0.6	0.9	0.8	0.2	0.6

Asbestos

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

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	7.8	7.3	7.5	8.5	7.8
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO ₄	%	0.005	MCERTS	0.201	0.066	0.055	0.077	0.066
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	1400	64	90	350	390
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	697	32.1	44.8	176	193
Sulphide	mg/kg	1	MCERTS	1.1	< 1.0	< 1.0	< 1.0	3.1
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.3	2.2	1	0.7	0.7

Total Phenols

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

Naphthalene	mg/kg	0.05	MCERTS	0.08	0.07	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.06	0.31	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.06	0.26	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.68	1.6	0.11	0.06	0.26
Anthracene	mg/kg	0.05	MCERTS	0.15	0.27	< 0.05	< 0.05	0.07
Fluoranthene	mg/kg	0.05	MCERTS	1.5	2.1	0.31	0.15	0.94
Pyrene	mg/kg	0.05	MCERTS	1.4	1.8	0.28	0.13	0.85
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.72	0.85	0.11	< 0.05	0.44
Chrysene	mg/kg	0.05	MCERTS	0.78	0.92	0.14	0.05	0.44
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.91	1.1	0.19	0.1	0.62
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.6	0.53	0.09	< 0.05	0.26
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.94	0.98	0.17	0.07	0.53
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.49	0.4	0.08	< 0.05	0.22
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.08	0.1	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.58	0.42	0.1	0.06	0.26

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	8.96	11.7	1.57	< 0.80	4.89
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Analytical Report Number: 24-054856
Project / Site name: Bibbsworth Hall Farm, Ayot St Lawrence
Your Order No: PO 24 477

Lab Sample Number				384886	384887	384888	384889	384890
Sample Reference				HA1.2	HA2.1	HA2.2	VS2	VS3
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				0.30	0.10	0.30	0.50	0.40
Date Sampled				18/11/2024	18/11/2024	18/11/2024	19/11/2024	19/11/2024
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	16	12	13	15	20
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.94	1.1	1.2	1.3	1.8
Boron (water soluble)	mg/kg	0.2	MCERTS	1.2	1.7	0.9	0.8	0.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.3	< 0.2	0.3	< 0.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	40	41	39	34	55
Copper (aqua regia extractable)	mg/kg	1	MCERTS	24	20	21	19	25
Lead (aqua regia extractable)	mg/kg	1	MCERTS	53	37	33	21	40
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	19	23	23	23	28
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	57	51	61	61	88
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	83	120	80	72	78

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_1D_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC35 - EC44 _{EH_CU_1D_AL}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC44 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPHCWG - Aromatic >EC5 - EC7 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_1D_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_1D_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC35 - EC44 _{EH_CU_1D_AR}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC5 - EC44 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

VOCs

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

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



Analytical Report Number: 24-054856
Project / Site name: Bibbsworth Hall Farm, Ayot St Lawrence
Your Order No: PO 24 477

Lab Sample Number				384891
Sample Reference				VS5
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				0.50
Date Sampled				19/11/2024
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	14
Total mass of sample received	kg	0.1	NONE	0.3

Asbestos

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

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	8.1
Total Cyanide	mg/kg	1	MCERTS	< 1.0
Total Sulphate as SO ₄	%	0.005	MCERTS	0.037
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	260
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	132
Sulphide	mg/kg	1	MCERTS	1.5
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	0.5

Total Phenols

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

Naphthalene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.48
Anthracene	mg/kg	0.05	MCERTS	0.12
Fluoranthene	mg/kg	0.05	MCERTS	0.75
Pyrene	mg/kg	0.05	MCERTS	0.65
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.29
Chrysene	mg/kg	0.05	MCERTS	0.3
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.38
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.14
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.34
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.16
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.16

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	3.83
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Analytical Report Number: 24-054856
Project / Site name: Bibbsworth Hall Farm, Ayot St Lawrence
Your Order No: PO 24 477

Lab Sample Number				384891
Sample Reference				VS5
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				0.50
Date Sampled				19/11/2024
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.9
Boron (water soluble)	mg/kg	0.2	MCERTS	0.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	17
Lead (aqua regia extractable)	mg/kg	1	MCERTS	19
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
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	55
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	53

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	8.2
TPHCWG - Aliphatic >EC35 - EC44 _{EH_CU_1D_AL}	mg/kg	8.4	NONE	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	< 10
TPHCWG - Aliphatic >EC5 - EC44 _{EH_CU+HS_1D_AL}	mg/kg	10	NONE	< 10

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	< 10
TPHCWG - Aromatic >EC35 - EC44 _{EH_CU_1D_AR}	mg/kg	8.4	NONE	< 8.4
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	< 10
TPHCWG - Aromatic >EC5 - EC44 _{EH_CU+HS_1D_AR}	mg/kg	10	NONE	< 10

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



Analytical Report Number : 24-054856
Project / Site name: Bibbsworth Hall Farm, Ayot St Lawrence

* 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 *
384886	HA1.2	None Supplied	0.3	Brown loam and clay with gravel and vegetation
384887	HA2.1	None Supplied	0.1	Brown loam and clay with gravel and vegetation
384888	HA2.2	None Supplied	0.3	Brown clay and loam with gravel and vegetation
384889	VS2	None Supplied	0.5	Brown clay with gravel and vegetation
384890	VS3	None Supplied	0.4	Brown clay and sand with gravel and stones
384891	VS5	None Supplied	0.5	Brown clay with gravel and vegetation

Analytical Report Number : 24-054856

Project / Site name: Bibbsworth Hall Farm, Ayot St Lawrence

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
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode	In-house method	L010-PL	D	MCERTS
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
Total sulphate (as SO ₄ in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES	In-house method	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	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
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 : 24-054856
Project / Site name: Bibbsworth Hall Farm, Ayot St Lawrence

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
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 30oC.
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

APPENDIX C: WASTE TRANSFER TICKETS

← l202984tickets.pdf



B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261184		DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987	
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED		CUSTOMER COPY	
HAULIER BP MITCHELL		ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208			
VEHICLE EX72NUA				Ticket : 100148050 Job No.: 1070488 Order No.: Date : 13/06/2024 Time : 08:36:17	
		1st Weigh 2nd Weigh NETT WEIGHT		11,960 kg 31,960 kg 20,000 kg	
 FORST RECEIVED BY Signed for and on behalf of Site Operator		HAULIER PRINT NAME DAVE GAMMONS WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd. PRINT NAME Errol RECEIVED BY Signed for and on behalf of Site Operator PRINT NAME Dan		 GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 748 1114 90	
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol					

A traceable copy of this transaction is available for six months from the above date.

B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261184		DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987	
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED		CUSTOMER COPY	
HAULIER BP MITCHELL		ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208			
VEHICLE EY68VNL				Ticket : 100147786 Job No.: 1070488 Order No.: Date : 12/06/2024 Time : 11:25:56	
		1st Weigh 2nd Weigh NETT WEIGHT		11,960 kg 31,960 kg 20,000 kg	
 FORST RECEIVED BY Signed for and on behalf of Site Operator		HAULIER PRINT NAME JAMIE HODGE WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd. PRINT NAME Errol RECEIVED BY Signed for and on behalf of Site Operator PRINT NAME Dan		 GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 748 1114 90	
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol					

A traceable copy of this transaction is available for six months from the above date.



 B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 281166 FAX: 01707 281184	DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72967
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT INERT SOIL 17-05-04 ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208	CUSTOMER COPY  Ticket : 100151305 Job No.: 1071027 Order No.: Date : 26/06/2024 Time : 08:34:58
HAULIER BP MITCHELL VEHICLE EX2300B		TIPPING ADDRESS EPR/BB3104GA Birchall Lane SG14 2NR	
		1st Weigh 0 kg 2nd Weigh 0 kg NETT WEIGHT 0 kg	
 ISO 14001 Environmental Management CERT No. 1300 800702	HAULIER PRINT NAME LEE-ANNE MCAULEY SIGN		GOODS VALUE £
 FORS	WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd. PRINT NAME Errol		VAT @ Standard Rate £
 RECEIVED BY Signed for and on behalf of Site Operator PRINT NAME Carl	INVOICE TOTAL £ VAT REG. No. 740 1114 90		
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol			

A traceable copy of this transaction is available for six months from the above date.

 B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 281166 FAX: 01707 281184	DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72967
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT INERT SOIL 17-05-04 ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208	CUSTOMER COPY  Ticket : 100151133 Job No.: 1071027 Order No.: Date : 25/06/2024 Time : 14:07:26
HAULIER BP MITCHELL VEHICLE EX2300G		TIPPING ADDRESS EPR/BB3104GA Birchall Lane SG14 2NR	
		1st Weigh 0 kg 2nd Weigh 0 kg NETT WEIGHT 0 kg	
 ISO 14001 Environmental Management CERT No. 1300 800702	HAULIER PRINT NAME STEVE DARNER SIGN		GOODS VALUE £
 FORS	WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd. PRINT NAME Errol		VAT @ Standard Rate £
 RECEIVED BY Signed for and on behalf of Site Operator PRINT NAME Dave	INVOICE TOTAL £ VAT REG. No. 740 1114 90		
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol			

A traceable copy of this transaction is available for six months from the above date.



← l202747tickets.pdf



B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261184		DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITF 90549 ISSUED F NCY WASTE CARR 1-2/3 COPY	
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED			
HAULIER BP MITCHELL		ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208		Ticket : 100145745 Job No.: 1070121 Order No.: Date : 05/06/2024 Time : 09:34:23	
VEHICLE EX24VZD		1st Weigh 2nd Weigh NETT WEIGHT		11,960 kg 31,960 kg 20,000 kg	
 FOR S		HAULIER PRINT NAME JULIAN BARRY SIGN 		GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 740 1114 90	
 WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd.		PRINT NAME Errol			
RECEIVED BY Signed for and on behalf of Site Operator		PRINT NAME Dave			
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol					
A traceable copy of this transaction is available for six months from the above date.					

B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261184		DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CB072987	
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED		CUSTOMER COPY	
HAULIER BP MITCHELL		ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208			
VEHICLE EK19UPW		1st Weigh 2nd Weigh NETT WEIGHT		Ticket : 100145376 Job No.: 1070121 Order No.: Date : 04/06/2024 Time : 10:49:57	
 FOR S		HAULIER PRINT NAME LUKE RYAN SIGN 		GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 740 1114 90	
 WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd.		PRINT NAME Errol			
RECEIVED BY Signed for and on behalf of Site Operator		PRINT NAME Craig			
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol					
A traceable copy of this transaction is available for six months from the above date.					



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← l203831tickets.pdf



B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261164		DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE 1 ISSUED BY: 1-2/4 WASTE CARRIER:	
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT INERT SOIL 17-05-04			
HAULIER BP MITCHELL VEHICLE EX24 VZA		ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208		Ticket : 100151351 Job No.: 1071027 Order No.: Date : 26/06/2024 Time : 09:28:43	
		TIPPING ADDRESS EPR/BB3104GA Birchall Lane SG14 2NR			
		1st Weigh 0 kg 2nd Weigh 0 kg NETT WEIGHT 0 kg			
 ISO 14001 Environmental Management FORS QMS		HAULIER PRINT NAME IAN MILLER SIGN		GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 740 1114 90	
WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd.		PRINT NAME Errol			
RECEIVED BY Signed for and on behalf of Site Operator		PRINT NAME Carl			
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol					

B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261164		DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987	
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT INERT SOIL 17-05-04			
HAULIER BP MITCHELL VEHICLE EX72NUE		ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208		Ticket : 100151315 Job No.: 1071027 Order No.: Date : 26/06/2024 Time : 08:39:01	
		1st Weigh 0 kg 2nd Weigh 0 kg NETT WEIGHT 0 kg			
 ISO 14001 Environmental Management FORS QMS		HAULIER PRINT NAME YV GARY MCGWYNE SIGN		GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 740 1114 90	
WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd.		PRINT NAME Errol			
RECEIVED BY Signed for and on behalf of Site Operator		PRINT NAME Carl			
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol					



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VoLTE 5G 98%

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B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 281186 FAX: 01707 281184	DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208	CUSTOMER COPY Ticket : 100148050 Job No.: 1070488 Order No.: Date : 13/06/2024 Time : 08:36:17
HAULIER BP MITCHELL VEHICLE EX72NUA			
		1st Weigh 2nd Weigh NETT WEIGHT	11,960 kg 31,960 kg 20,000 kg
 	HAULIER PRINT NAME DAVE GAMMONS SIGN	WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd. PRINT NAME Errol	GOODS VALUE € VAT @ Standard Rate € INVOICE TOTAL € VAT REG. No. 748 1114 90
RECEIVED BY Signed for and on behalf of Site Operator PRINT NAME Dan			
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol			

B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 281186 FAX: 01707 281184	DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208	CUSTOMER COPY Ticket : 100147786 Job No.: 1070488 Order No.: Date : 12/06/2024 Time : 11:25:56
HAULIER BP MITCHELL VEHICLE EY68VNL			
		1st Weigh 2nd Weigh NETT WEIGHT	11,960 kg 31,960 kg 20,000 kg
 	HAULIER PRINT NAME JAMIE HODGE SIGN	WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd. PRINT NAME Errol	GOODS VALUE € VAT @ Standard Rate € INVOICE TOTAL € VAT REG. No. 748 1114 90
RECEIVED BY Signed for and on behalf of Site Operator PRINT NAME Dan			
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol			



 B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261184	DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208	
HAULIER BP MITCHELL VEHICLE EK19UPW		CUSTOMER COPY  Ticket : 100145376 Job No.: 1070121 Order No.: Date : 04/06/2024 Time : 10:49:57	
		1st Weigh 2nd Weigh NETT WEIGHT	11,960 kg 32,020 kg 20,060 kg
  		HAULIER PRINT NAME LUKE RYAN SIGN	GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 740 1114 50
WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd.		PRINT NAME Errol	A traceable copy of this transaction is available for six months from the above date.
RECEIVED BY Signed for and on behalf of Site Operator		PRINT NAME Craig	
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol			

 B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261184	DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT TOPSOIL ECONOMY GRADE SCREENED ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208	
HAULIER BP MITCHELL VEHICLE EX22JHL		CUSTOMER COPY  Ticket : 100146937 Job No.: 1070331 Order No.: Date : 10/06/2024 Time : 09:13:41	
		1st Weigh 2nd Weigh NETT WEIGHT	11,960 kg 32,000 kg 20,040 kg
  		HAULIER PRINT NAME DAVID MORGAN SIGN	GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 740 1114 90
WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd.		PRINT NAME Errol	A traceable copy of this transaction is available for six months from the above date.
RECEIVED BY Signed for and on behalf of Site Operator		PRINT NAME craig	
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol			



← l201691tickets.pdf



B.P. MITCHELL HAULAGE CONTRACTORS LTD		THE RECYCLING CENTRE BURNSIDE HERTFORD ROAD HATFIELD HERTS. AL9 5RB TEL: 01707 261166 FAX: 01707 261184		DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE/ SALES INVOICE SITE LICENCE No. WML 80549 ISSUED BY ENVIRONMENT AGENCY WASTE CARRIER'S LICENCE CBDU72987	
CUSTOMER / SUPPLIER GEN001 GENERAL ACCOUNTS		PRODUCT BS3882 TOPSOIL SUPERFINE		CUSTOMER COPY	
HAULIER BP MITCHELL		ADDRESS FREESTONE BIBBSWORTH HALL FARM BIBBS HALL LANE SG4 8EN 07808 162 208			
VEHICLE EX22JHL				Ticket : 100142895 Job No.: 1069591 Order No.: Date : 23/05/2024 Time : 13:32:08	
		1st Weigh 2nd Weigh NETT WEIGHT		11,960 kg 32,020 kg 20,060 kg	
 CERT No: 1 MB 002730		HAULIER PRINT NAME DAVID MORGAN		SIGN 	
 FORS		WEIGHBRIDGE OPERATOR Signed for and on behalf of B.P. Mitchell Haulage Contractors Ltd.		PRINT NAME Errol	
 UKAS 15		RECEIVED BY Signed for and on behalf of Site Operator		PRINT NAME freestone	
				GOODS VALUE £ VAT @ Standard Rate £ INVOICE TOTAL £ VAT REG. No. 740 1114 90	
CUSTOMER ORDERING VEHICLE OFF ROAD DO SO AT OWN RISK All materials produced in accordance with WRAP protocol					
A traceable copy of this transaction is available for six months from the above date.					

