



Site Details:

FRESH ACRES NURSERIES,
YAPTON LANE, WALBERTON ,
BN18 0AS

Client Ref: 20_11865_KJC_13675
Report Ref: GS-6797758
Grid Ref: 497941, 104611

Map Name: National Grid

Map date: 2020

Scale: 1:10,000

Printed at: 1:10,000



2020



Produced by
Groundsure Insights
T: 08444 159000
E: info@groundsure.com
W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 16 June 2020

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

APPENDIX 2

EXPLORATORY RECORDS

**ALBURY S.I. LTD**

Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

BOREHOLE**1****Contract**

Yapton Lane, Walberton

Report Ref

20/11865/KJC

Client

Keep It Safe Storage

Date

23/06/2020

Site AddressFresh Acres Nursery, Yapton Lane, Walberton, West Sussex
BN18 0AS**Ground Level****Type of excavator:**

Window Sampler

Water level after completion, m

dry

Water strikes, m

Dimensions, m

Ease of excavation, m

1 none

Diameter 0.06

Very easy

Difficult

GL-1.30

2

Moderate

1.30-2.10

Very hard

Remarks

No visual or olfactory evidence of contamination.

Samples or tests**Shear
Strength
kPa****PID TVOC
ppm****Depth
m****Legend****Strata Description****Type** **Depth, m**

D 0.10

0.1

0.1

0.30

D 0.30

0.1

D 0.50

0.1

D 1.00

0.1

1.30

D 1.50

D 2.00

2.10

MADE GROUND (shingle over brown silty SAND with occasional gravel)

Brown very sandy CLAY with rare gravel

Brown becoming orange-brown silty SAND

END OF BOREHOLE

Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample

**ALBURY S.I. LTD**

Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

BOREHOLE**2****Contract**

Yapton Lane, Walberton

Report Ref

20/11865/KJC

Client

Keep It Safe Storage

Date

23/06/2020

Site AddressFresh Acres Nursery, Yapton Lane, Walberton, West Sussex
BN18 0AS**Ground Level****Type of excavator:**

Window Sampler

Water level after completion, m

dry

Water strikes, m

Dimensions, m

Ease of excavation, m

1 none

Diameter 0.06

Very easy

Difficult

GL-1.60

2

Moderate

1.60-2.10

Very hard

Remarks

No visual or olfactory evidence of contamination.

Samples or testsShear
Strength
kPaPID TVOC
ppmDepth
m**Legend****Strata Description****Type** **Depth, m**

D 0.10

0.1

0.1

0.30

D 0.30

0.1

0.1

0.50

D 0.50

0

0

1.00

D 1.00

0

0

1.50

D 1.50

0

0

2.00

D 2.00

0

0

2.10

MADE GROUND (brown silty SAND with occasional gravel)

MADE GROUND (brown/grey SAND with gravel)

Brown silty SAND with rare gravel

Orange-brown silty SAND

END OF BOREHOLE

**ALBURY S.I. LTD**

Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

BOREHOLE**3****Contract**

Yapton Lane, Walberton

Report Ref

20/11865/KJC

Client

Keep It Safe Storage

Date

23/06/2020

Site AddressFresh Acres Nursery, Yapton Lane, Walberton, West Sussex
BN18 0AS**Ground Level****Type of excavator:**

Window Sampler

Water level after completion, m

dry

Water strikes, m

Dimensions, m

Ease of excavation, m

1 none

Diameter 0.06

Very easy

Difficult

GL-1.60

2

Moderate

1.60-2.10

Very hard

Remarks

No visual or olfactory evidence of contamination.

Samples or testsShear
Strength
kPaPID TVOC
ppmDepth
m

Legend

Strata Description**Type** **Depth, m**

D 0.10

D 0.30

D 0.50

D 1.00

D 1.50

D 2.00

0

0

0.2

0.50

0.5

1.60

2.10



MADE GROUND (brown silty SAND with occasional gravel)

Brown silty SAND with rare gravel

Orange-brown silty SAND

END OF BOREHOLE

**ALBURY S.I. LTD**

Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

BOREHOLE**4****Contract**

Yapton Lane, Walberton

Report Ref

20/11865/KJC

Client

Keep It Safe Storage

Date

23/06/2020

Site AddressFresh Acres Nursery, Yapton Lane, Walberton, West Sussex
BN18 0AS**Ground Level****Type of excavator:**

Window Sampler

Water level after completion, m

dry

Water strikes, m

Dimensions, m

Ease of excavation, m

1 none

Diameter 0.06

Very easy

Difficult

GL-1.60

2

Moderate

1.60-2.10

Very hard

Remarks

No visual or olfactory evidence of contamination.

Samples or testsShear
Strength
kPaPID TVOC
ppmDepth
m

Legend

Strata Description**Type** **Depth, m**

D 0.10

D 0.30

D 0.50

D 1.00

D 1.50

D 2.00

100

0

0.2

0.3

0

0.30

1.60

2.10

MADE GROUND (shingle over matting over brown silty SAND
with occasional gravel)

Brown very sandy CLAY with rare gravel

Orange-brown silty SAND

END OF BOREHOLE

**ALBURY S.I. LTD**

Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

BOREHOLE**5****Contract**

Yapton Lane, Walberton

Report Ref

20/11865/KJC

Client

Keep It Safe Storage

Date

23/06/2020

Site AddressFresh Acres Nursery, Yapton Lane, Walberton, West Sussex
BN18 0AS**Ground Level****Type of excavator:**

Window Sampler

Water level after completion, m

dry

Water strikes, m

Dimensions, m

Ease of excavation, m

1 none

Diameter 0.06

Very easy

Difficult

GL-1.60

2

Moderate

1.60-2.10

Very hard

Remarks

No visual or olfactory evidence of contamination.

Samples or testsShear
Strength
kPaPID TVOC
ppmDepth
m**Legend****Strata Description**

D

0.10

120

0.1

0.30

MADE GROUND (shingle over matting over grey-brown sandy CLAY with occasional brick fragments)

D

0.30

0

0.50

Brown sandy CLAY with rare gravel

D

0.50

0.1

1.20

Brown sandy CLAY with gravel

D

1.00

1.60

1.60

Orange-brown silty SAND

D

1.50

2.10

2.10

END OF BOREHOLE

D

2.00

2.10

2.10

END OF BOREHOLE

Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample

**ALBURY S.I. LTD**

Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

BOREHOLE**6****Contract**

Yapton Lane, Walberton

Report Ref

20/11865/KJC

Client

Keep It Safe Storage

Date

23/06/2020

Site AddressFresh Acres Nursery, Yapton Lane, Walberton, West Sussex
BN18 0AS**Ground Level****Type of excavator:**

Window Sampler

Water level after completion, m

dry

Water strikes, m

Dimensions, m

Ease of excavation, m

1 none

Diameter 0.06

Very easy

Difficult

GL-1.60

2

Moderate

1.60-2.10

Very hard

Remarks

No visual or olfactory evidence of contamination.

Samples or testsShear
Strength
kPaPID TVOC
ppmDepth
m**Legend****Strata Description****Type****Depth, m**

D

0.10

0

0.30

0.60

D

0.30

0

D

0.50

0

D

1.00

0.1

1.10

D

1.50

1.60

D

2.00

2.10

MADE GROUND (brown sandy CLAY with occasional brick and gravel fragments)

MADE GROUND (grey/brown SAND with gravel)

Brown very sandy CLAY with gravel

Brown sandy CLAY with rare gravel

Orange-brown silty SAND

END OF BOREHOLE

Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample

APPENDIX 3

LABORATORY TEST RESULTS



Albury SI Ltd
Miltons Yard
Petworth Road
Witley
Surrey
GU8 5LH

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

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

Analytical Report Number : 20-16267

Project / Site name:	Yapton Lane, Walberton	Samples received on:	26/06/2020
Your job number:	20 11865 KJC	Sample instructed/ Analysis started on:	26/06/2020
Your order number:	13683	Analysis completed by:	03/07/2020
Report Issue Number:	1	Report issued on:	03/07/2020
Samples Analysed:	6 soil samples		

Signed:

Rachel Bradley

Deputy Quality Manager
For & on behalf of i2 Analytical Ltd.

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

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

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

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

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

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

Analytical Report Number: 20-16267

Project / Site name: Yapton Lane, Walberton

Your Order No: 13683

Lab Sample Number				1545049	1545050	1545051	1545052	1545053
Sample Reference				1	2	3	4	5
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.30	0.10-0.30	0.10-0.30	0.10	0.10
Date Sampled				23/06/2020	23/06/2020	23/06/2020	23/06/2020	23/06/2020
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	8.5	6.5	6.6	13	15
Total mass of sample received	kg	0.001	NONE	1.0	1.0	1.0	1.0	1.0

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

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.6	6.7	6.6	7.8	7.4
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO ₄	mg/kg	50	MCERTS	240	270	450	400	450
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	28	32	99	54	94
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.014	0.016	0.050	0.027	0.047
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	13.9	16.0	49.5	27.2	47.0
Sulphide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Elemental Sulphur	mg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Organic Carbon (TOC)	%	0.1	MCERTS	1.0	1.0	1.4	1.3	1.8

Total Phenols

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

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 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	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
-----------------------------	-------	-----	--------	--------	--------	--------	--------	--------



Analytical Report Number: 20-16267

Project / Site name: Yapton Lane, Walberton

Your Order No: 13683

Lab Sample Number	1545049	1545050	1545051	1545052	1545053
Sample Reference	1	2	3	4	5
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.10-0.30	0.10-0.30	0.10-0.30	0.10	0.10
Date Sampled	23/06/2020	23/06/2020	23/06/2020	23/06/2020	23/06/2020
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	12	19	12	12
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.66	0.67	1.3	0.58	0.62
Boron (water soluble)	mg/kg	0.2	MCERTS	0.6	0.8	0.7	1.1	1.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.4	0.4
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	22	23	41	22	22
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	24	41	23	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	18	14	26	23	24
Lead (aqua regia extractable)	mg/kg	1	MCERTS	27	23	42	25	24
Manganese (aqua regia extractable)	mg/kg	1	MCERTS	700	700	1200	590	560
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	16	22	32	17	16
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	32	32	60	30	32
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	57	45	98	74	63

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH C6 - C40	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC40	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic > EC35 - EC44	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC44)	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC40	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic > EC35 - EC44	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC44)	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10



Analytical Report Number: 20-16267

Project / Site name: Yapton Lane, Walberton

Your Order No: 13683

Lab Sample Number				1545049	1545050	1545051	1545052	1545053
Sample Reference				1	2	3	4	5
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.30	0.10-0.30	0.10-0.30	0.10	0.10
Date Sampled				23/06/2020	23/06/2020	23/06/2020	23/06/2020	23/06/2020
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		

Analytical Report Number: 20-16267

Project / Site name: Yapton Lane, Walberton

Your Order No: 13683

Lab Sample Number				1545054				
Sample Reference				6				
Sample Number				None Supplied				
Depth (m)				0.10-0.30				
Date Sampled				23/06/2020				
Time Taken				None Supplied				
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1				
Moisture Content	%	N/A	NONE	11				
Total mass of sample received	kg	0.001	NONE	1.0				

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

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1				
Total Cyanide	mg/kg	1	MCERTS	< 1				
Total Sulphate as SO ₄	mg/kg	50	MCERTS	690				
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	320				
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.16				
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	159				
Sulphide	mg/kg	1	MCERTS	< 1.0				
Elemental Sulphur	mg/kg	5	MCERTS	< 5.0				
Total Organic Carbon (TOC)	%	0.1	MCERTS	1.5				

Total Phenols

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

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	0.25				
Anthracene	mg/kg	0.05	MCERTS	< 0.05				
Fluoranthene	mg/kg	0.05	MCERTS	0.34				
Pyrene	mg/kg	0.05	MCERTS	0.31				
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05				
Chrysene	mg/kg	0.05	MCERTS	< 0.05				
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05				
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05				
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05				
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05				
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05				
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05				

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	0.90				
-----------------------------	-------	-----	--------	------	--	--	--	--



Analytical Report Number: 20-16267

Project / Site name: Yapton Lane, Walberton

Your Order No: 13683

Lab Sample Number				1545054				
Sample Reference				6				
Sample Number				None Supplied				
Depth (m)				0.10-0.30				
Date Sampled				23/06/2020				
Time Taken				None Supplied				
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11				
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.51				
Boron (water soluble)	mg/kg	0.2	MCERTS	1.1				
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.8				
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2				
Chromium (III)	mg/kg	1	NONE	27				
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	28				
Copper (aqua regia extractable)	mg/kg	1	MCERTS	31				
Lead (aqua regia extractable)	mg/kg	1	MCERTS	38				
Manganese (aqua regia extractable)	mg/kg	1	MCERTS	550				
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3				
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	16				
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0				
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	28				
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	100				

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0				
Toluene	µg/kg	1	MCERTS	< 1.0				
Ethylbenzene	µg/kg	1	MCERTS	< 1.0				
p & m-xylene	µg/kg	1	MCERTS	< 1.0				
o-xylene	µg/kg	1	MCERTS	< 1.0				
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0				

Petroleum Hydrocarbons

TPH C6 - C40	mg/kg	10	NONE	30				
TPH-CWG - Aliphatic >EC5 - EC6								
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001				
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001				
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0				
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0				
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0				
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0				
TPH-CWG - Aliphatic >EC21 - EC40	mg/kg	10	NONE	< 10				
TPH-CWG - Aliphatic > EC35 - EC44	mg/kg	8.4	NONE	< 8.4				
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10				
TPH-CWG - Aliphatic (EC5 - EC44)	mg/kg	10	NONE	< 10				
TPH-CWG - Aromatic >EC5 - EC7								
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001				
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001				
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0				
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0				
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10				
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	30				
TPH-CWG - Aromatic >EC21 - EC40	mg/kg	10	NONE	30				
TPH-CWG - Aromatic > EC35 - EC44	mg/kg	8.4	NONE	< 8.4				
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	39				
TPH-CWG - Aromatic (EC5 - EC44)	mg/kg	10	NONE	39				



Analytical Report Number: 20-16267

Project / Site name: Yapton Lane, Walberton

Your Order No: 13683

Lab Sample Number				1545054				
Sample Reference				6				
Sample Number				None Supplied				
Depth (m)				0.10-0.30				
Date Sampled				23/06/2020				
Time Taken				None Supplied				
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					



Analytical Report Number : 20-16267

Project / Site name: Yapton Lane, Walberton

* 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 *
1545049	1	None Supplied	0.10-0.30	Brown loam with gravel and vegetation.
1545050	2	None Supplied	0.10-0.30	Brown loam with gravel and vegetation.
1545051	3	None Supplied	0.10-0.30	Brown loam with gravel and vegetation.
1545052	4	None Supplied	0.10	Brown loam with gravel and vegetation.
1545053	5	None Supplied	0.10	Brown loam and clay with gravel.
1545054	6	None Supplied	0.10-0.30	Brown loam and clay with gravel.



Analytical Report Number : 20-16267

Project / Site name: Yapton Lane, Walberton

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

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
D.O. for Gravimetric Quant if Screen/ID positive	Dependent option for Gravimetric Quant if Screen/ID positive scheduled.	In house asbestos methods A001 & A006.	A006-PL	D	NONE
Elemental sulphur in soil	Determination of elemental sulphur in soil by extraction in acetonitrile followed by HPLC.	In-house method based on Secondsite Property Holdings Guidance for Assessing and Managing Potential	L021-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode.	In-house method	L010-PL	D	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS

Iss No 20-16267-1 Yapton Lane, Walberton 20 11865 KJC



Analytical Report Number : 20-16267

Project / Site name: Yapton Lane, Walberton

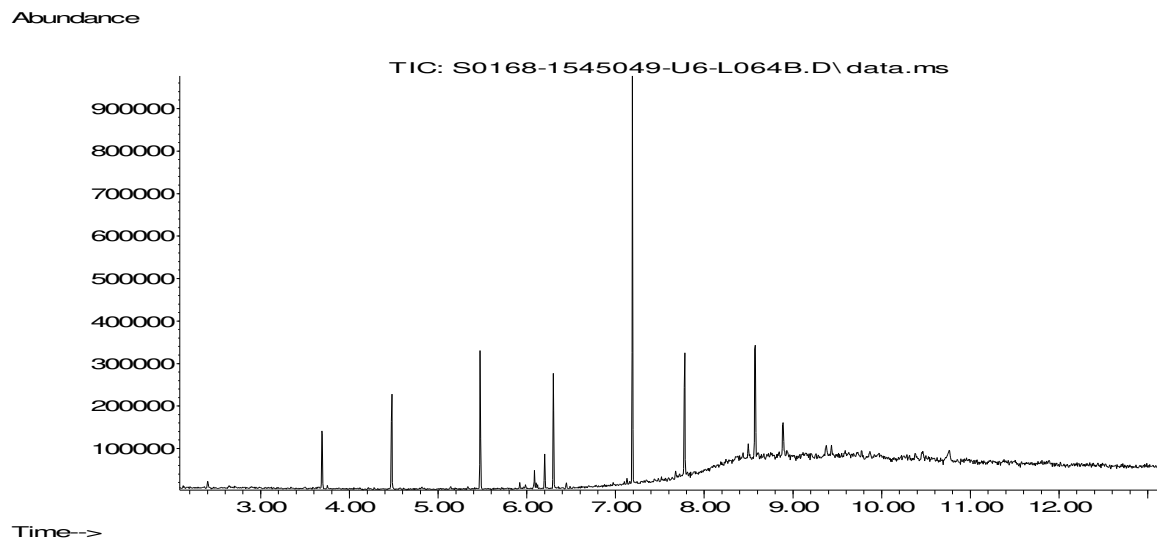
Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

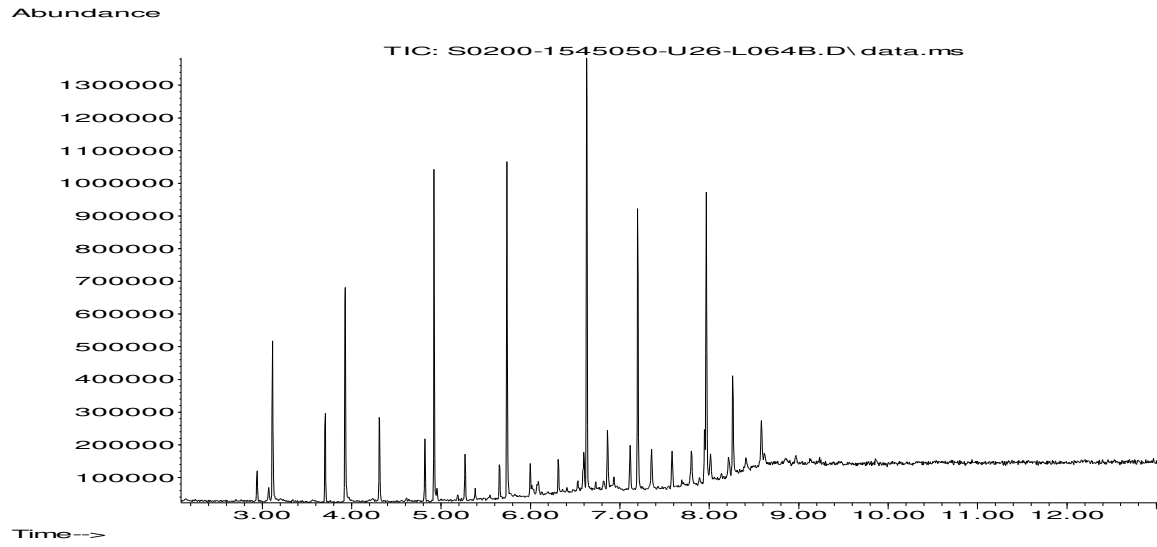
Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Total sulphate (as SO ₄ in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
TPH Chromatogram in Soil	TPH Chromatogram in Soil.	In-house method	L064-PL	D	NONE
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/cleanup.	L088/76-PL	W	MCERTS

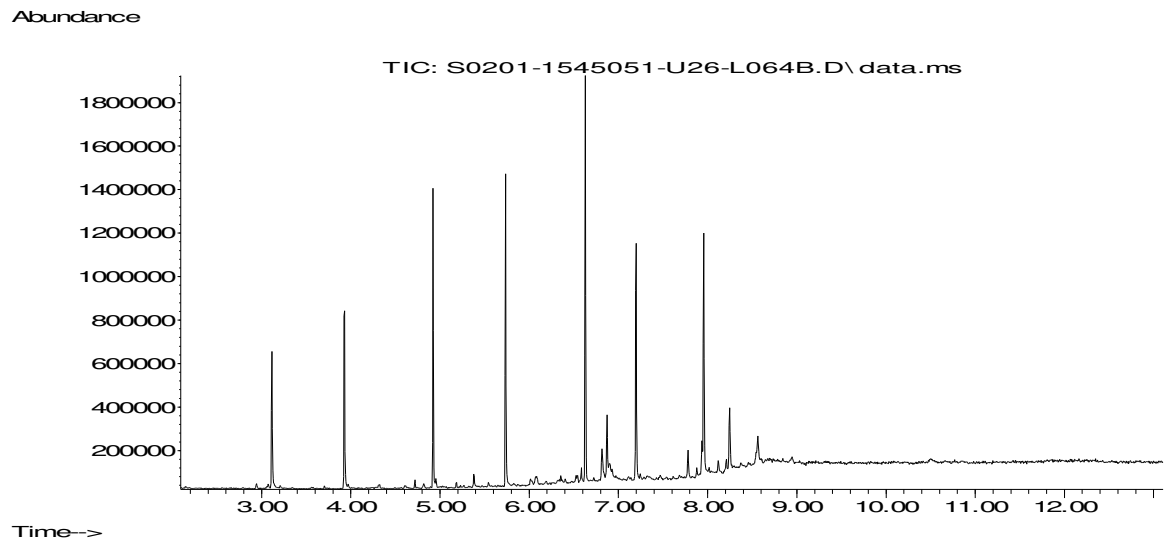
For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

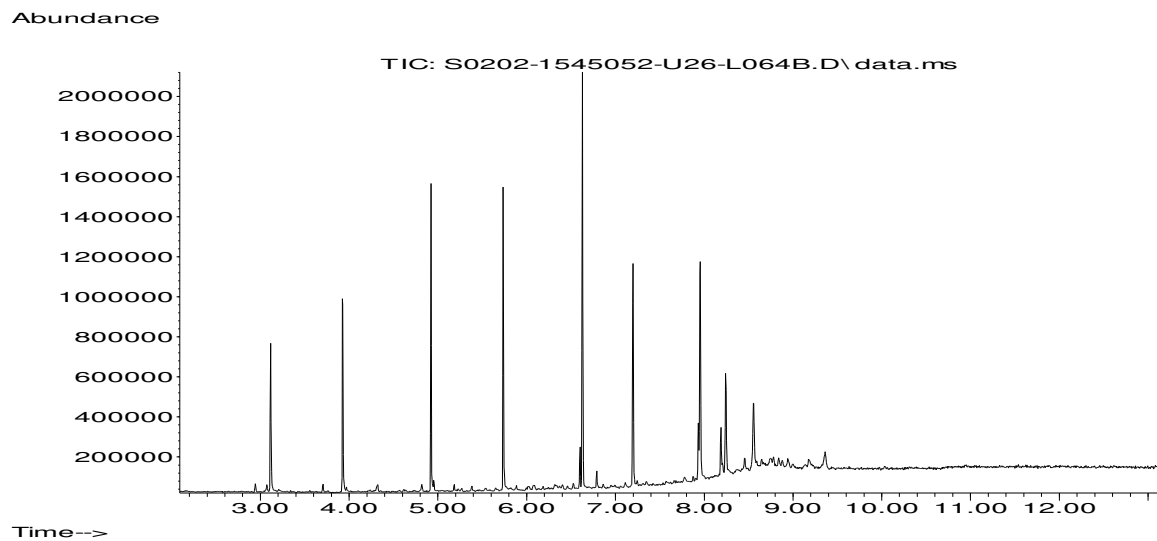
For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

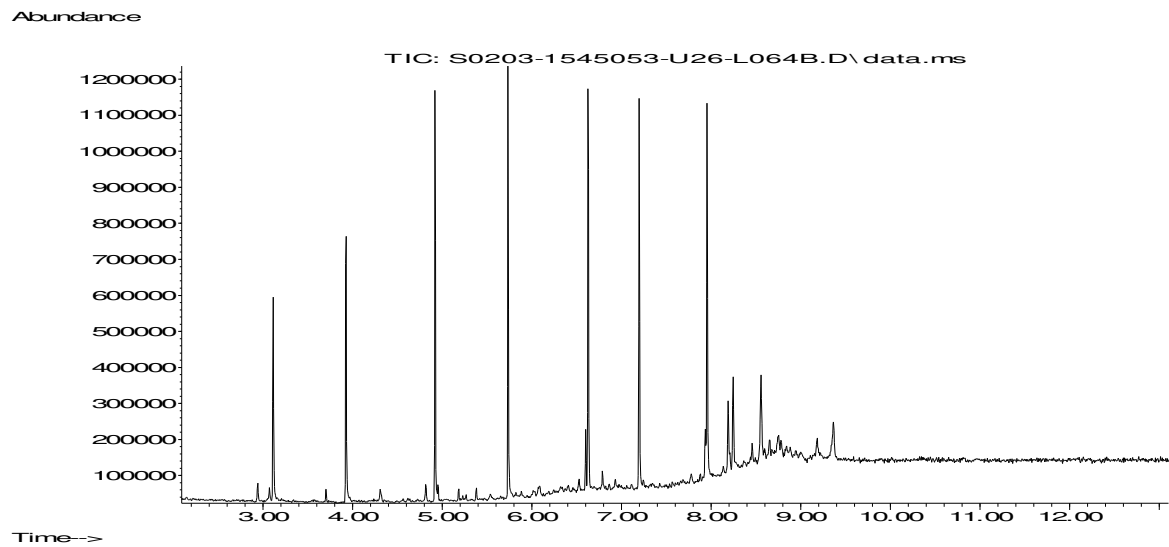
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

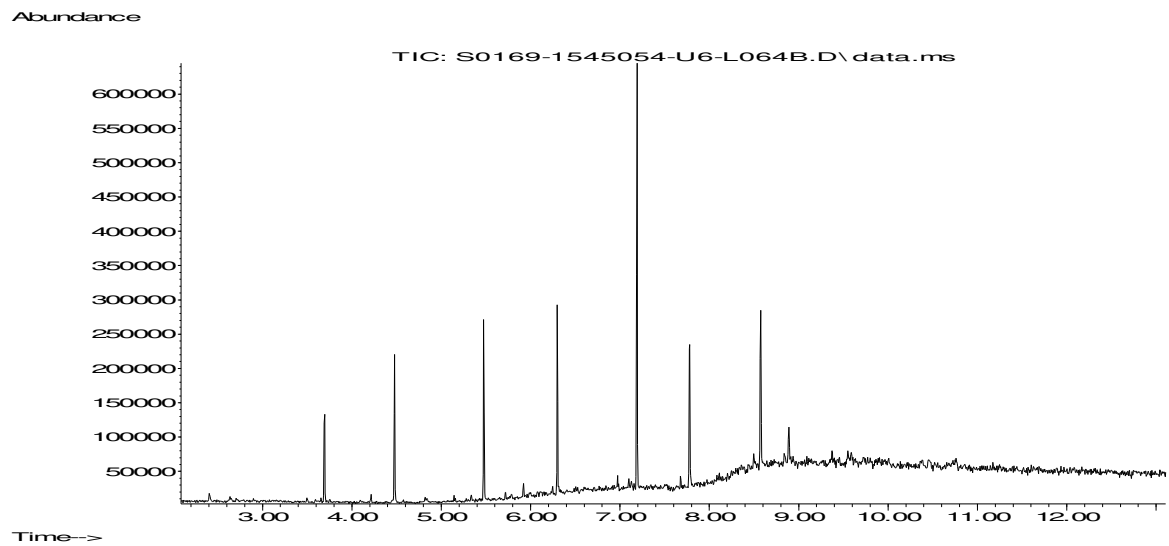












APPENDIX 4

WASTE

WASTE CLASSIFICATION

The European Waste Framework Directive is implemented in the UK by the 2002 Landfill Regulations, together with a number of other acts and regulations. A key part of this process is to establish the hazardous properties of potential waste. The classification and definition of hazardous waste is interpreted within the Environment Agency guidance WM3 and all wastes require classifying in accordance with the European Waste Catalogue [EWC]. The EWC is a detailed list of typical industry waste types and each has a 6 digit code. Typically the appropriate EWC codes for excavated soil being disposed off site are:

- 17 05 03* soil and stones containing dangerous substances, or
- 17 05 04 soil and stones other than those mentioned in 17 05 03

If excavated soils are to be discarded or exported from site then they would be considered controlled waste and require classification. However, if soils can be re-used on site then they are not considered to be controlled waste. A Desk Study, soil descriptions, laboratory chemical analysis and risk assessment can all contribute to basic waste characterisation. Depending upon the chemical composition or levels of contaminants in the waste (e.g. metals, TPH, asbestos), soil and stones can either be hazardous or non-hazardous. Waste Acceptance Criteria [WAC] test results are used to determine the suitability of the waste intended for disposal against the acceptance criteria for a particular class of landfill site. WAC tests are not used for the classification of waste soils and are only required for inert or hazardous excavated material which is destined for landfill.

Wastes containing asbestos with a concentration of >0.10% weight/weight (w/w) are generally considered to be hazardous. While waste with <0.10% w/w of asbestos are considered non-hazardous. Where free fibres or fibrous asbestos is present at concentrations of >0.001% then these are considered to pose a risk to human health and are deemed hazardous waste. These waste materials also require a suitably licensed company to handle them.

Waste Treatment

It is a requirement of the 2002 Landfill Regulations that all wastes must undergo some form of pre-treatment prior to disposal at an appropriately licensed landfill. Treatment is defined using a 'three-point test' and can include physical, chemical, biological or thermal processes, which must change the characteristics of the waste in order to:

- reduce its volume, or
- reduce its hazardous nature, or
- facilitate its handling, or
- enhance its recovery.

The exceptions to this are:

- inert waste for which treatment is not technically feasible.
- it is waste other than inert waste and treatment would not reduce its quantity or its hazards to human health or the environment.

The waste producer should either treat their own waste or ensure that the waste will be treated by a subsequent handler. The waste producer should record the type and amount of pre-treatment undertaken prior to disposal.

Examples of treatment include mechanical segregation or sorting, composting, soil treatment hubs and incineration. This can include physical sorting of waste soil types into separate stockpiles at the producer site, e.g. topsoil, made ground and natural clay, sand or gravels.

Site Name	Yapton Lane
Location	Walberton
Site ID	
Job Number	20/11865/KJC
Date	13/07/2020
User Name	
Company Name	Albury S.I Ltd

[illegible]

Site Name	Yapton Lane
Location	Walberton
Site ID	
Job Number	20/11865/KJC
Date	13/07/2020
User Name	
Company Name	Albury S.I Ltd

Hole ID	Sample Depth	Contaminant	Contaminant Concentration (%)	Hazardous Waste Y/N	Hazard Property	Individual Hazard Statements Exceeded	Cumulative Hazard Statements Exceeded	Additional Hazard Statements (see notes section)
1	0.10	pH	0.00000	N				
1	0.10	Benzene	0.00010	N				H225 test
1	0.10	Toluene	0.00010	N				H225 test
1	0.10	Ethylbenzene	0.00010	N				H225 test
1	0.10	m,p-xylene	0.00010	N				H226 test
1	0.10	o-xylene	0.00000	N				H226 test
1	0.10	Naphthalene	0.00001	N				H228 test
1	0.10	Acenaphthylene	0.00001	N				
1	0.10	Acenaphthene	0.00001	N				
1	0.10	Fluorene	0.00001	N				
1	0.10	Phenanthrene	0.00001	N				
1	0.10	Anthracene	0.00001	N				
1	0.10	Fluoranthene	0.00001	N				
1	0.10	Pyrene	0.00001	N				
1	0.10	Benzo(a)anthracene	0.00001	N				
1	0.10	Chrysene	0.00001	N				
1	0.10	Benzo(b)fluoranthene	0.00001	N				
1	0.10	Benzo(k)fluoranthene	0.00001	N				
1	0.10	Benzo(a)pyrene	0.00001	N				
1	0.10	Indeno(1,2,3-cd)pyrene	0.00001	N				
1	0.10	Di-benz(a,h)anthracene	0.00001	N				
1	0.10	Benzo(g,h,i)perylene	0.00001	N				
1	0.10	Phenol	0.00010	N				
1	0.10	hydrocarbon/oil with marker	0.00100	N				H225 test
1	0.10	Arsenic	0.00199	N				
1	0.10	Boron	0.00139	N				
1	0.10	Cadmium	0.00004	N				
1	0.10	Hexavalent Chromium	0.00012	N				
1	0.10	Chromium (Total)	0.00304	N				
1	0.10	Copper	0.00452	N				
1	0.10	Lead	0.00270	N				
1	0.10	Manganese	0.19241	N				
1	0.10	Mercury	0.00003	N				
1	0.10	Nickel	0.00422	N				
1	0.10	Selenium	0.00038	N				
1	0.10	Zinc	0.00000	N				
1	0.10	Zincx	0.01407	N				
1	0.10	Vanadium	0.00571	N				
2	0.10	pH	0.00000	N				
2	0.10	Benzene	0.00010	N				H225 test
2	0.10	Toluene	0.00010	N				H225 test
2	0.10	Ethylbenzene	0.00010	N				H225 test
2	0.10	m,p-xylene	0.00010	N				H226 test
2	0.10	o-xylene	0.00000	N				H226 test
2	0.10	Naphthalene	0.00001	N				H228 test
2	0.10	Acenaphthylene	0.00001	N				
2	0.10	Acenaphthene	0.00001	N				
2	0.10	Fluorene	0.00001	N				

Site Name	Yapton Lane
Location	Walberton
Site ID	
Job Number	20/11865/KJC
Date	13/07/2020
User Name	
Company Name	Albury S.I Ltd

Hole ID	Sample Depth	Contaminant	Contaminant Concentration (%)	Hazardous Waste Y/N	Hazard Property	Individual Hazard Statements Exceeded	Cumulative Hazard Statements Exceeded	Additional Hazard Statements (see notes section)
2	0.10	Phenanthrene	0.00001	N				
2	0.10	Anthracene	0.00001	N				
2	0.10	Fluoranthene	0.00001	N				
2	0.10	Pyrene	0.00001	N				
2	0.10	Benzo(a)anthracene	0.00001	N				
2	0.10	Chrysene	0.00001	N				
2	0.10	Benzo(b)fluoranthene	0.00001	N				
2	0.10	Benzo(k)fluoranthene	0.00001	N				
2	0.10	Benzo(a)pyrene	0.00001	N				
2	0.10	Indeno(1,2,3-cd)pyrene	0.00001	N				
2	0.10	Di-benz(a,h)anthracene	0.00001	N				
2	0.10	Benzo(g,h,i)perylene	0.00001	N				
2	0.10	Phenol	0.00010	N				
2	0.10	hydrocarbon/oil with marker	0.00100	N				H225 test
2	0.10	Arsenic	0.00184	N				
2	0.10	Boron	0.00185	N				
2	0.10	Cadmium	0.00004	N				
2	0.10	Hexavalent Chromium	0.00012	N				
2	0.10	Chromium (Total)	0.00333	N				
2	0.10	Copper	0.00352	N				
2	0.10	Lead	0.00230	N				
2	0.10	Manganese	0.19241	N				
2	0.10	Mercury	0.00003	N				
2	0.10	Nickel	0.00580	N				
2	0.10	Selenium	0.00038	N				
2	0.10	Zinc	0.00000	N				
2	0.10	Zincx	0.01111	N				
2	0.10	Vanadium	0.00571	N				
3	0.10	pH	0.00000	N				
3	0.10	Benzene	0.00000	N				H225 test
3	0.10	Toluene	0.00000	N				H225 test
3	0.10	Ethylbenzene	0.00000	N				H225 test
3	0.10	m,p-xylene	0.00000	N				H226 test
3	0.10	o-xylene	0.00000	N				H226 test
3	0.10	Naphthalene	0.00001	N				H228 test
3	0.10	Acenaphthylene	0.00001	N				
3	0.10	Acenaphthene	0.00001	N				
3	0.10	Fluorene	0.00001	N				
3	0.10	Phenanthrene	0.00001	N				
3	0.10	Anthracene	0.00001	N				
3	0.10	Fluoranthene	0.00001	N				
3	0.10	Pyrene	0.00001	N				
3	0.10	Benzo(a)anthracene	0.00001	N				
3	0.10	Chrysene	0.00001	N				
3	0.10	Benzo(b)fluoranthene	0.00001	N				
3	0.10	Benzo(k)fluoranthene	0.00001	N				
3	0.10	Benzo(a)pyrene	0.00001	N				
3	0.10	Indeno(1,2,3-cd)pyrene	0.00001	N				

Site Name	Yapton Lane
Location	Walberton
Site ID	
Job Number	20/11865/KJC
Date	13/07/2020
User Name	
Company Name	Albury S.I Ltd

Hole ID	Sample Depth	Contaminant	Contaminant Concentration (%)	Hazardous Waste Y/N	Hazard Property	Individual Hazard Statements Exceeded	Cumulative Hazard Statements Exceeded	Additional Hazard Statements (see notes section)
3	0.10	Di-benz(a,h,)anthracene	0.00001	N				
3	0.10	Benzo(g,h,i)perylene	0.00001	N				
3	0.10	Phenol	0.00010	N				
3	0.10	hydrocarbon/oil with marker	0.00100	N				H225 test
3	0.10	Arsenic	0.00291	N				
3	0.10	Boron	0.00162	N				
3	0.10	Cadmium	0.00004	N				
3	0.10	Hexavalent Chromium	0.00012	N				
3	0.10	Chromium (Total)	0.00582	N				
3	0.10	Copper	0.00653	N				
3	0.10	Lead	0.00420	N				
3	0.10	Manganese	0.32985	N				
3	0.10	Mercury	0.00003	N				
3	0.10	Nickel	0.00844	N				
3	0.10	Selenium	0.00038	N				
3	0.10	Zinc	0.00000	N				
3	0.10	Zincx	0.02420	N				
3	0.10	Vanadium	0.01071	N				
4	0.10	pH	0.00000	N				
4	0.10	Benzene	0.00000	N				H225 test
4	0.10	Toluene	0.00000	N				H225 test
4	0.10	Ethylbenzene	0.00000	N				H225 test
4	0.10	m,p-xylene	0.00000	N				H226 test
4	0.10	o-xylene	0.00000	N				H226 test
4	0.10	Naphthalene	0.00001	N				H228 test
4	0.10	Acenaphthylene	0.00001	N				
4	0.10	Acenaphthene	0.00001	N				
4	0.10	Fluorene	0.00001	N				
4	0.10	Phenanthrene	0.00001	N				
4	0.10	Anthracene	0.00001	N				
4	0.10	Fluoranthene	0.00001	N				
4	0.10	Pyrene	0.00001	N				
4	0.10	Benzo(a)anthracene	0.00001	N				
4	0.10	Chrysene	0.00001	N				
4	0.10	Benzo(b)fluoranthene	0.00001	N				
4	0.10	Benzo(k)fluoranthene	0.00001	N				
4	0.10	Benzo(a)pyrene	0.00001	N				
4	0.10	Indeno(1,2,3-cd)pyrene	0.00001	N				
4	0.10	Di-benz(a,h,)anthracene	0.00001	N				
4	0.10	Benzo(g,h,i)perylene	0.00001	N				
4	0.10	Phenol	0.00010	N				
4	0.10	hydrocarbon/oil with marker	0.00100	N				H225 test
4	0.10	Arsenic	0.00184	N				
4	0.10	Boron	0.00255	N				
4	0.10	Cadmium	0.00007	N				
4	0.10	Hexavalent Chromium	0.00012	N				
4	0.10	Chromium (Total)	0.00319	N				
4	0.10	Copper	0.00578	N				

Site Name	Yapton Lane
Location	Walberton
Site ID	
Job Number	20/11865/KJC
Date	13/07/2020
User Name	
Company Name	Albury S.I Ltd

Hole ID	Sample Depth	Contaminant	Contaminant Concentration (%)	Hazardous Waste Y/N	Hazard Property	Individual Hazard Statements Exceeded	Cumulative Hazard Statements Exceeded	Additional Hazard Statements (see notes section)
4	0.10	Lead	0.00250	N				
4	0.10	Manganese	0.16218	N				
4	0.10	Mercury	0.00003	N				
4	0.10	Nickel	0.00448	N				
4	0.10	Selenium	0.00038	N				
4	0.10	Zinc	0.00000	N				
4	0.10	Zincx	0.01827	N				
4	0.10	Vanadium	0.00536	N				
5	0.10	pH	0.00000	N				
5	0.10	Benzene	0.00010	N				H225 test
5	0.10	Toluene	0.00010	N				H225 test
5	0.10	Ethylbenzene	0.00010	N				H225 test
5	0.10	m,p-xylene	0.00010	N				H226 test
5	0.10	o-xylene	0.00010	N				H226 test
5	0.10	Naphthalene	0.00001	N				H228 test
5	0.10	Acenaphthylene	0.00001	N				
5	0.10	Acenaphthene	0.00001	N				
5	0.10	Fluorene	0.00001	N				
5	0.10	Phenanthrene	0.00001	N				
5	0.10	Anthracene	0.00001	N				
5	0.10	Fluoranthene	0.00001	N				
5	0.10	Pyrene	0.00001	N				
5	0.10	Benzo(a)anthracene	0.00001	N				
5	0.10	Chrysene	0.00001	N				
5	0.10	Benzo(b)fluoranthene	0.00001	N				
5	0.10	Benzo(k)fluoranthene	0.00001	N				
5	0.10	Benzo(a)pyrene	0.00001	N				
5	0.10	Indeno(1,2,3-cd)pyrene	0.00001	N				
5	0.10	Di-benz(a,h)anthracene	0.00001	N				
5	0.10	Benzo(g,h,i)perylene	0.00001	N				
5	0.10	Phenol	0.00010	N				
5	0.10	hydrocarbon/oil with marker	0.00100	N				H225 test
5	0.10	Arsenic	0.00184	N				
5	0.10	Boron	0.00347	N				
5	0.10	Cadmium	0.00007	N				
5	0.10	Hexavalent Chromium	0.00012	N				
5	0.10	Chromium (Total)	0.00304	N				
5	0.10	Copper	0.00603	N				
5	0.10	Lead	0.00240	N				
5	0.10	Manganese	0.15393	N				
5	0.10	Mercury	0.00003	N				
5	0.10	Nickel	0.00422	N				
5	0.10	Selenium	0.00038	N				
5	0.10	Zinc	0.00000	N				
5	0.10	Zincx	0.01556	N				
5	0.10	Vanadium	0.00571	N				
6	0.10	pH	0.00000	N				
6	0.10	Benzene	0.00010	N				H225 test

[illegible]

Notes - Additional Information on Hazard Properties

Hazardous Property	Description	Hazard Statement	Note
HP1	Explosive	H200, H201, H202, H203, H204, H240 and H241	A waste is assessed for HP1 via test methods, rather than a concentration limit. If you have substances or a mixture containing explosive properties the waste should be tested in accordance with the European Chemical Agency's guidance on the application of the CLP Criteria.
HP2	Oxidising	H270, H271, H272	A waste is assessed for HP2 via test methods, rather than a concentration limit. If you have substances or a mixture containing oxidising properties the waste should be tested in accordance with the European Chemical Agency's guidance on the application of the CLP Criteria.
HP3	Flammable	H220 to H226, H228, H242, H250, H251m H252, H260, H261	A waste is assessed for HP3 via test methods, rather than a concentration limit. If you have substances or a mixture containing flammable properties the waste should be tested in accordance with the European Chemical Agency's guidance on the application of the CLP Criteria. If a waste contains either H220, H221, H260 or H261 a calculation can be performed to identify the minimum amount of that substance that will trigger HP3.
HP5	Specific Target Organ Toxicity (STOT)	H304	Should a waste contain two or more compounds displaying H304 (Asp. Tox 1) and equal or exceed its specific concentration limit of 10%, then a waste will be hazardous by HP5 if its kinematic viscosity exceeds 20.5 mm ² /s. Guidance should be sought from the CLP Criteria.
HP9	Infectious	N/A	A waste is assessed for HP9 via further testing, rather than a concentration limit. In cases where there is the potential for toxins to be present, further testing will be required. For healthcare waste reference should be made to the Department of health guidance: Safe management of healthcare waste.
HP12	Release of acute toxic gas	EUH029, EUH031, EUH032, H260 or H261	A waste is assessed for HP12 via test methods, rather than a concentration limit. If you have substances or a mixture that may release acute toxic gas the waste should be tested in accordance with the European Chemical Agency's guidance on the application of the CLP Criteria.
HP15	Explosive or explosive properties	H205, EUH001, EUH019 or EUH044	A waste is assessed for HP15 via test methods, rather than a concentration limit. If you have substances or a mixture that may exhibit explosive or explosive properties the waste should be tested in accordance with the European Chemical Agency's guidance on the application of the CLP Criteria.
HP16	Persistent organic pollutants	N/A	A waste is considered hazardous if the concentration of one or more compound (persistent organic pollutant) as listed in Appendix C of Environment Agency guidance WM3 is above its assigned concentration limit. For reference for dioxins and furans, this assessment incorporates the use of specific toxicity equivalent factors.