

APPENDIX C
LABORATORY TEST REPORTS

APPENDIX C1
Atterberg Limits Test Reports



Peter Baxter Associates Laboratories
 A subsidiary of Peter Baxter Associates
 Kestner Works
 Bredgar Road
 Gillingham
 Kent
 ME8 6PL

www.peterbaxterassociates.co.uk
 E info@peterbaxterassociates.co.uk
 T +44 (0) 1634 234332 / 717974



Summary of Water Content & Liquid and Plastic Limit Tests (BS EN 17892-1:2014 & BS EN 17892-12:2018)														
Project No. 1637		Project Name Nonnington, Prima Windows Site CT15 4HF Phase 2												
Client Ref N/A		Client Roma Capital GroupLtd							Sampled by Peter Baxter Associates Ltd			Date received 09/08/2023		
									Date Tested 21/08/2023					
Hole No.	Sample				Soil Description	Sample Condition	Test Type	w %	Pass 425µm %	LL %	PL %	PI %	Particle density Mg/m ³	Remarks
	Ref	Top	Base	Type										
C	C2	0.80		D	Orange brown silty CLAY with occasional flint gravel	3	1	17.6	99	37	19	18		
C5	1	1.00		D	Pale brown very silty CLAY with chalk pieces and flint gravel	2	1	16.7	90	23	16	7		
C7	2	1.70		D	Brown very silty CLAY with chalk pieces and flint gravel	2	1	15.1	89	22	17	5		
C8	1	1.50		D	Pale brown very silty CLAY with chalk pieces and flint gravel	2	1	13.4	63	22	16	6		
C10	1	1.20		D	Orange brown CLAY with occasional flint gravel	3	1	13.8	99	36	17	19		
C11	1	1.00		D	Orange brown silty CLAY	1	1	13.6	100	34	17	17		
C14	2	0.00		D	Orange brown silty CLAY with rootlets	1	1	12.6	100	35	18	17		
C22A	1	1.20		D	Orange brown silty CLAY with occasional flint gravel and rootlets	3	1	16.8	98	36	17	19		
C25A	1	1.00		D	Pale brown very silty CLAY with chalk pieces and rootlets	2	1	23.7	77	30	21	9		
BH1	1	0.80		D	Brown CLAY with chalk pieces flint gravel and rootlets	2	1	1.0	85	34	18	16		
Key Sample Condition: 1 - As Received 2 - Washed & dried at 50°C 3 - >425µm removed by hand Test Type: 1 - 1 point 80g / 30° 2 - 4 point 80g / 30° 3 - Non Plastic							Date Printed 01/09/2023			Approved By kb/pb		Table sheet		

APPENDIX C2
Sulphate, and pH Test Reports



Summary of Geotechnical Chemical Test Results (BS 1377-3:2018)

Project No. 1637	Project Name Nonnington, Prima Windows Site CT15 4HF Phase 2
---------------------	---

Client Ref	Client Roma Capital Group Ltd	Sampled by	Peter Baxter Associates Ltd
		Date received	09/08/2023
		Date tested	31/08/2023

Hole No.	Sample				Soil Description	Org %	LOI %	pH	Sulphate as SO ₄			Chloride, Cl		CO ₂ %	TDS mg/l	<2mm %	Remarks
	Ref	Top	Base	Type					Total acid sol. %	2:1 water :soil g/l	ground water g/l	water sol. %	acid sol. %				
C	C2	0.80		D	Orange brown silty CLAY with occasional flint gravel			7.6		0.17						88	
C10	1	1.20		D	Orange brown CLAY with occasional flint gravel			7.4		0.16						100	
C14	2	0.00		D	Orange brown silty CLAY with rootlets			7.5		0.12						100	
C22A	1	1.20		D	Orange brown silty CLAY with occasional flint gravel and rootlets			7.7		0.12						100	
C25A	1	1.00		D	Pale brown very silty CLAY with chalk pieces and rootlets			7.8		0.14						100	
BH1	1	0.80		D	Brown CLAY with chalk pieces flint gravel and rootlets			7.8		0.12						97	

Remarks
 The results relate only to the items tested

Key Tests performed in accordance with BS 1377-3:2018 unless annotated otherwise Org Organic matter content LOI Mass loss on ignition at 440°C Cl Chloride content CO ₂ Carbonate content (rapid titration) TDS Total Dissolved Solids	Date Printed 04/09/2023	Approved By kb	Table sheet
---	----------------------------	-------------------	----------------

APPENDIX C3
Chalk SMC Test Reports

Client: Roma Capital Group Ltd

Report No: 1637/SMC1

Address: 78 Sandgate High Street
Sandgate
Kent
CT20 3BX

Your Ref: N/A

Report Date: 13/09/2023

Client Contact: Mr Josh Maasbach
Site: Nonnongton, Prima Windows Site CT15 4HF - Phase 2

Test Requested: Determination of Saturation Moisture Content of Chalk
Test Method: BS 1377-2: 1990, Clause 3.3

Sample Details: Sampled and submit to Peter Baxter Associates Ltd
Date Sampled: 09/08/2023
Date Received: 09/08/2023
Date Tested: 04/09/2023

TEST RESULTS:

Laboratory Reference	Client Reference	Bulk Density (Mg/m ³)	Moisture Content (%)	Dry Density (Mg/m ³)	SMC (%)	Sample Description	Sample Size Acceptable?
TP2 @ 1.50m	TP2 @ 1.50m	1.96	27.2	1.54	27.8	Off white CHALK	YES
C4 @ 0.90m	C4 @ 0.90m	1.94	31.4	1.47	30.8	Off white CHALK	YES
BH3 @ 1.90m	BH3 @ 1.90m	1.93	30.4	1.48	30.7	Off white CHALK	YES

END OF TEST REPORT.....

Kwaku Baah - Laboratory Manager

APPENDIX C4
Environmental Test Reports



Peter Baxter
Peter Baxter Associates Ltd
Beaufort House
Sir Thomas Longley Road
Medway City Estate
Rochester
Kent
ME2 4FB

Derwentside Environmental Testing Services Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410

DETS Report No: 23-10618

Site Reference: Prima Windows Noninton CT15 4HF Phase 2

Project / Job Ref: 1637

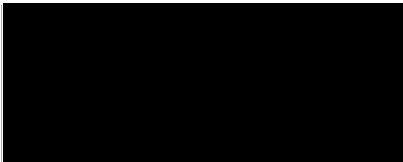
Order No: None Supplied

Sample Receipt Date: 17/08/2023

Sample Scheduled Date: 18/08/2023

Report Issue Number: 1

Reporting Date: 24/08/2023



Dates of laboratory activities for each tested analyte are available upon request.

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

For Topsoil and WAC analysis the expanded uncertainty measurement should be considered while evaluating results against compliance values.



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate						
DETS Report No: 23-10618	Date Sampled	10/08/23	10/08/23	10/08/23	10/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington CT15 4HF	TP / BH No	TP1 (C1)	BH3	BH3 (C6)	BH3 (C9)	C2
Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.60	0.20	2.50	3.00	0.35
Order No: None Supplied	DETS Sample No	670525	670526	670527	670528	670529
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
Arsenic (As)	mg/kg	< 2	MCERTS	5	11	< 2	< 2	3
Barium (Ba)	mg/kg	< 2.5	MCERTS	32	79	5	5	19
Beryllium (Be)	mg/kg	< 0.5	MCERTS	< 0.5	1.1	< 0.5	< 0.5	< 0.5
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	0.6	0.3	0.3	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	10	18	< 2	< 2	4
Copper (Cu)	mg/kg	< 4	MCERTS	7	27	8	8	33
Lead (Pb)	mg/kg	< 3	MCERTS	12	85	< 3	< 3	17
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	8	17	< 3	< 3	5
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	15	31	3	2	9
Zinc (Zn)	mg/kg	< 3	MCERTS	25	94	9	9	21

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
 Subcontracted analysis (S)

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate					
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	11/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington CT15 4HF	TP / BH No	C3	C4	C5	C7
Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.10	0.10	0.00	0.20
Order No: None Supplied	DETS Sample No	670530	670531	670532	670533
Reporting Date: 24/08/2023					

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected
Arsenic (As)	mg/kg	< 2	MCERTS	14	10	11	8
Barium (Ba)	mg/kg	< 2.5	MCERTS	102	40	83	59
Beryllium (Be)	mg/kg	< 0.5	MCERTS	0.7	0.5	0.6	0.7
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	0.8	0.6
Chromium (Cr)	mg/kg	< 2	MCERTS	8	11	10	16
Copper (Cu)	mg/kg	< 4	MCERTS	28	30	325	19
Lead (Pb)	mg/kg	< 3	MCERTS	355	22	213	43
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	9	19	14	14
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	20	15	29	25
Zinc (Zn)	mg/kg	< 3	MCERTS	89	51	538	68

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
 Subcontracted analysis (S)



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate						
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington CT15 4HF	TP / BH No	C10	C11	C12	C12A	C13
Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.10	0.30	0.20	0.20	0.40
Order No: None Supplied	DETS Sample No	670535	670536	670537	670538	670539
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
Arsenic (As)	mg/kg	< 2	MCERTS	16	15	38	9	18
Barium (Ba)	mg/kg	< 2.5	MCERTS	91	86	79	62	125
Beryllium (Be)	mg/kg	< 0.5	MCERTS	1	0.8	1.8	0.8	2.1
W/S Boron	mg/kg	< 1	NONE	1.2	1.1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.2	0.2	0.5	0.6	0.5
Chromium (Cr)	mg/kg	< 2	MCERTS	11	11	18	16	20
Copper (Cu)	mg/kg	< 4	MCERTS	48	46	54	20	41
Lead (Pb)	mg/kg	< 3	MCERTS	230	207	154	48	262
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	14	13	54	15	24
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	30	27	29	27	47
Zinc (Zn)	mg/kg	< 3	MCERTS	77	108	138	70	112

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
 Subcontracted analysis (S)



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate						
DETS Report No: 23-10618	Date Sampled	08/08/23	10/08/23	11/08/23	08/08/23	10/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington CT15 4HF	TP / BH No	C14	C14A	C15	C16	C17
Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.20	0.30	0.00	0.00	0.10
Order No: None Supplied	DETS Sample No	670540	670541	670542	670543	670544
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation					
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
Arsenic (As)	mg/kg	< 2	MCERTS	11	12	4	9	8
Barium (Ba)	mg/kg	< 2.5	MCERTS	94	98	29	65	60
Beryllium (Be)	mg/kg	< 0.5	MCERTS	1.2	1.5	< 0.5	0.8	0.7
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.5	0.5	0.4	0.5	0.6
Chromium (Cr)	mg/kg	< 2	MCERTS	17	18	11	16	17
Copper (Cu)	mg/kg	< 4	MCERTS	26	29	40	22	18
Lead (Pb)	mg/kg	< 3	MCERTS	118	138	16	86	58
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	16	18	11	15	14
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	29	33	15	27	27
Zinc (Zn)	mg/kg	< 3	MCERTS	96	100	219	81	64

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
 Subcontracted analysis (S)



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate						
DETS Report No: 23-10618	Date Sampled	10/08/23	08/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington CT15 4HF	TP / BH No	C18	C19	C20	C21	C22
Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.00	0.10	0.10	0.00	0.00
Order No: None Supplied	DETS Sample No	670545	670546	670547	670548	670549
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation					
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
Arsenic (As)	mg/kg	< 2	MCERTS	8	7	8	9	10
Barium (Ba)	mg/kg	< 2.5	MCERTS	54	41	52	65	82
Beryllium (Be)	mg/kg	< 0.5	MCERTS	0.7	0.6	0.7	0.8	1
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	1.2
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.6	0.6	0.7	0.6	0.6
Chromium (Cr)	mg/kg	< 2	MCERTS	16	13	16	18	18
Copper (Cu)	mg/kg	< 4	MCERTS	16	14	15	19	25
Lead (Pb)	mg/kg	< 3	MCERTS	31	23	29	45	94
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	13	11	14	15	17
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	25	21	26	28	31
Zinc (Zn)	mg/kg	< 3	MCERTS	61	45	54	66	104

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
 Subcontracted analysis (S)



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate

DETS Report No: 23-10618	Date Sampled	09/08/23	09/08/23	09/08/23	09/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington CT15 4HF	TP / BH No	C23	C24	C25	C26
Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.20	0.20	0.00	0.20
Order No: None Supplied	DETS Sample No	670550	670551	670552	670553
Reporting Date: 24/08/2023					

Determinand	Unit	RL	Accreditation				
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected
Arsenic (As)	mg/kg	< 2	MCERTS	8	8	9	7
Barium (Ba)	mg/kg	< 2.5	MCERTS	63	63	79	53
Beryllium (Be)	mg/kg	< 0.5	MCERTS	0.7	0.7	0.7	0.7
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.5	0.6	0.7	0.6
Chromium (Cr)	mg/kg	< 2	MCERTS	16	16	19	15
Copper (Cu)	mg/kg	< 4	MCERTS	19	16	22	15
Lead (Pb)	mg/kg	< 3	MCERTS	44	38	75	27
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	14	14	20	12
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Vanadium (V)	mg/kg	< 1	MCERTS	27	26	27	24
Zinc (Zn)	mg/kg	< 3	MCERTS	72	70	100	55

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
 Subcontracted analysis (S)



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-10618	Date Sampled	10/08/23	10/08/23	10/08/23	10/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	TP1 (C1)	BH3	BH3 (C6)	BH3 (C9)	C2
CT15 4HE Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.60	0.20	2.50	3.00	0.35
Order No: None Supplied	DETS Sample No	670525	670526	670527	670528	670529
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.83
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.13
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.13	2.08
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.12	1.86
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.91
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	1.06
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	1.06
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.40
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.95
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.50
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.44
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	10.2

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	11/08/23	11/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C3	C4	C5	C7	C8
CT15 4HE Phase 2						
Project / Job Ref: 1637	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.10	0.10	0.00	0.20	0.15
Reporting Date: 24/08/2023	DETS Sample No	670530	670531	670532	670533	670534

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.12
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.14	0.76
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.15
Fluoranthene	mg/kg	< 0.1	MCERTS	0.14	< 0.1	0.35	1.23
Pyrene	mg/kg	< 0.1	MCERTS	0.13	< 0.1	0.36	1.07
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.21	0.53
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.20	0.56
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.23	0.55
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.18
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.23	0.48
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.17	0.31
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.18	0.26
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	2.1	6.1



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C10	C11	C12	C12A	C13
CT15 4HE Phase 2						
Project / Job Ref: 1637	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.10	0.30	0.20	0.20	0.40
Reporting Date: 24/08/2023	DETS Sample No	670535	670536	670537	670538	670539

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	0.16	1.18	< 0.1	< 0.1	0.16
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	0.21	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	0.37	2.05	0.29	< 0.1	0.35
Pyrene	mg/kg	< 0.1	MCERTS	0.34	1.72	0.24	< 0.1	0.29
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.22	1.01	0.15	< 0.1	0.16
Chrysene	mg/kg	< 0.1	MCERTS	0.22	0.99	0.16	< 0.1	0.18
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.25	0.90	0.16	< 0.1	0.17
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.34	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.22	0.89	0.15	< 0.1	0.13
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.13	0.48	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.12	0.36	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	2	10.1	< 1.6	< 1.6	< 1.6



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-10618	Date Sampled	08/08/23	10/08/23	11/08/23	08/08/23	10/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C14	C14A	C15	C16	C17
CT15 4HE Phase 2						
Project / Job Ref: 1637	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.20	0.30	0.00	0.00	0.10
Reporting Date: 24/08/2023	DETS Sample No	670540	670541	670542	670543	670544

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	0.13	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	0.46	0.27	< 0.1	0.11	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	0.44	0.23	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.26	0.14	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	0.27	0.16	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.27	0.16	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.25	0.16	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.15	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.14	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	2.4	< 1.6	< 1.6	< 1.6	< 1.6



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 23-10618	Date Sampled	10/08/23	08/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C18	C19	C20	C21	C22
CT15 4HE Phase 2						
Project / Job Ref: 1637	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.00	0.10	0.10	0.00	0.00
Reporting Date: 24/08/2023	DETS Sample No	670545	670546	670547	670548	670549

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.12	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.26	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.22	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.13	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs					
DETS Report No: 23-10618	Date Sampled	09/08/23	09/08/23	09/08/23	09/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C23	C24	C25	C26
CT15 4HE Phase 2					
Project / Job Ref: 1637	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.20	0.20	0.00	0.20
Reporting Date: 24/08/2023	DETS Sample No	670550	670551	670552	670553

Determinand	Unit	RL	Accreditation				
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	0.14	< 0.1	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	0.13	< 0.1	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 23-10618	Date Sampled	10/08/23	10/08/23	10/08/23	10/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	TP1 (C1)	BH3	BH3 (C6)	BH3 (C9)	C2
CT15 4HF Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.60	0.20	2.50	3.00	0.35
Order No: None Supplied	DETS Sample No	670525	670526	670527	670528	670529
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	7
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10	< 10
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21	< 21
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded					
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	11/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C3	C4	C5	C7
CT15 4HF Phase 2					C8
Project / Job Ref: 1637	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.10	0.10	0.00	0.20
Reporting Date: 24/08/2023	DETS Sample No	670530	670531	670532	670533

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	5
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10	< 10	10
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C10	C11	C12	C12A	C13
CT15 4HF Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.10	0.30	0.20	0.20	0.40
Order No: None Supplied	DETS Sample No	670535	670536	670537	670538	670539
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	10	< 3	< 3	< 3
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	15	< 10	< 10	< 10
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	25	< 21	< 21	< 21
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42	< 42



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 23-10618	Date Sampled	08/08/23	10/08/23	11/08/23	08/08/23	10/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C14	C14A	C15	C16	C17
CT15 4HF Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.20	0.30	0.00	0.00	0.10
Order No: None Supplied	DETS Sample No	670540	670541	670542	670543	670544
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10	27	< 10
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21	27	< 21
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42	< 42



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 23-10618	Date Sampled	10/08/23	08/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C18	C19	C20	C21	C22
CT15 4HF Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.00	0.10	0.10	0.00	0.00
Order No: None Supplied	DETS Sample No	670545	670546	670547	670548	670549
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42	< 42



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded				
DETS Report No: 23-10618	Date Sampled	09/08/23	09/08/23	09/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C23	C24	C25
CT15 4HF Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.20	0.20	0.00
Order No: None Supplied	DETS Sample No	670550	670551	670552
Reporting Date: 24/08/2023				670553

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42	< 42



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-10618	Date Sampled	10/08/23	10/08/23	10/08/23	10/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	TP1 (C1)	BH3	BH3 (C6)	BH3 (C9)	C2
CT15 4HE Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.60	0.20	2.50	3.00	0.35
Order No: None Supplied	DETS Sample No	670525	670526	670527	670528	670529
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	11/08/23	11/08/23	11/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C3	C4	C5	C7	C8
CT15 4HE Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.10	0.10	0.00	0.20	0.15
Order No: None Supplied	DETS Sample No	670530	670531	670532	670533	670534
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-10618	Date Sampled	11/08/23	11/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C10	C11	C12	C12A	C13
CT15 4HE Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.10	0.30	0.20	0.20	0.40
Order No: None Supplied	DETS Sample No	670535	670536	670537	670538	670539
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-10618	Date Sampled	08/08/23	10/08/23	11/08/23	08/08/23	10/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C14	C14A	C15	C16	C17
CT15 4HE Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.20	0.30	0.00	0.00	0.10
Order No: None Supplied	DETS Sample No	670540	670541	670542	670543	670544
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation						
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5	< 5



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 23-10618	Date Sampled	10/08/23	08/08/23	08/08/23	10/08/23	08/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C18	C19	C20	C21	C22
CT15 4HE Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.00	0.10	0.10	0.00	0.00
Order No: None Supplied	DETS Sample No	670545	670546	670547	670548	670549
Reporting Date: 24/08/2023						

Determinand	Unit	RL	Accreditation						
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2	< 2
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5	< 5



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - BTEX / MTBE					
DETS Report No: 23-10618	Date Sampled	09/08/23	09/08/23	09/08/23	09/08/23
Peter Baxter Associates Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Prima Windows Nonington	TP / BH No	C23	C24	C25	C26
CT15 4HE Phase 2	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied
Project / Job Ref: 1637	Depth (m)	0.20	0.20	0.00	0.20
Order No: None Supplied	DETS Sample No	670550	670551	670552	670553
Reporting Date: 24/08/2023					

Determinand	Unit	RL	Accreditation					
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5



DETS Ltd
 1, Rose Lane Industrial Estate
 Rose Lane
 Lenham Heath
 Maidstone
 Kent ME17 2JN
 Tel : 01622 850410



Waste Acceptance Criteria Analytical Certificate - BS EN 12457/3						
DETS Report No: 23-10618		Date Sampled	11/08/23		Landfill Waste Acceptance Criteria Limits	
Peter Baxter Associates Ltd		Time Sampled	None Supplied			
Site Reference: Prima Windows Nonington CT15 4HF Phase 2		TP / BH No	C8			
Project / Job Ref: 1637		Additional Refs	None Supplied			
Order No: None Supplied		Depth (m)	0.15			
Reporting Date: 24/08/2023		DETS Sample No	670534			
Determinand	Unit	MDL				
TOC ^{MU}	%	< 0.1	0.9			
Loss on Ignition ^{MU}	%	< 0.01	1.20			
BTEX ^{MU}	mg/kg	< 0.05	< 0.05			
Sum of PCBs	mg/kg	< 0.1	< 0.1			
Mineral Oil ^{MU}	mg/kg	< 10	< 10			
Total PAH ^{MU}	mg/kg	< 1.7	3			
pH ^{MU}	pH Units	N/a	7.2			
Acid Neutralisation Capacity	mol/kg (+/-)	< 1	2.8			
Eluate Analysis			2:1	8:1	Cumulative 10:1	Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg (mg/kg)
			mg/l	mg/l	mg/kg	
Arsenic ^U			< 0.01	< 0.01	< 0.2	0.5
Barium ^U			< 0.02	< 0.02		20
Cadmium ^U			< 0.0005	< 0.0005	< 0.02	0.04
Chromium ^U			< 0.005	< 0.005	< 0.20	0.5
Copper ^U			< 0.01	< 0.01	< 0.5	2
Mercury ^U			< 0.0005	< 0.0005	< 0.005	0.01
Molybdenum ^U			0.015	0.003	< 0.1	0.5
Nickel ^U			< 0.007	< 0.007	< 0.2	0.4
Lead ^U			< 0.005	< 0.005	< 0.2	0.5
Antimony ^U			< 0.005	< 0.005	< 0.05	0.06
Selenium ^U			< 0.005	< 0.005	< 0.05	0.1
Zinc ^U			0.006	0.006	< 0.2	4
Chloride ^U			5	7	127	800
Fluoride ^U			< 0.5	0.5	9	10
Sulphate ^U			37	6	122	1000
TDS			131	107	1952	4000
Phenol Index ^U			< 0.01	< 0.01	< 0.5	1
DOC ^U			10.5	20.3	362	500
Leach Test Information						
Sample Mass (kg)			0.10			
Dry Matter (%)			86			
Moisture (%)			16.4			
Stage 1						
Volume Eluate L2 (litres)			0.16			
Filtered Eluate VE1 (litres)			0.05			
Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Samples Descriptions page describes if the test is performed on the dried or as-received portion						
Stated limits are for guidance only and DETS Ltd cannot be held responsible for any discrepancies with current legislation						
M Denotes MCERTS accredited test						
U Denotes ISO17025 accredited test						



DETS Ltd
 Unit 1, Rose Lane Industrial Estate
 Rose Lane
 Lenham Heath
 Maidstone
 Kent ME17 2JN
 Tel : 01622 850410



Soil Analysis Certificate - Sample Descriptions

DETS Report No: 23-10618
Peter Baxter Associates Ltd
Site Reference: Prima Windows Nonington CT15 4HF Phase 2
Project / Job Ref: 1637
Order No: None Supplied
Reporting Date: 24/08/2023

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
670525	TP1 (C1)	None Supplied	0.60	11.9	Light brown sandy clay
670526	BH3	None Supplied	0.20	16.2	Brown sandy clay with stones and vegetation
670527	BH3 (C6)	None Supplied	2.50	20.7	White chalk
670528	BH3 (C9)	None Supplied	3.00	21.3	White chalk
670529	C2	None Supplied	0.35	5.9	Brown sandy gravel with stones and concrete
670530	C3	None Supplied	0.10	12.9	Brown sandy gravel with stones and concrete
670531	C4	None Supplied	0.10	8	Black sandy gravel with stones and concrete
670532	C5	None Supplied	0.00	16.2	Brown sandy gravel with stones and concrete
670533	C7	None Supplied	0.20	12.8	Brown sandy gravel with stones and concrete
670534	C8	None Supplied	0.15	13.6	Light brown sandy clay with stones and chalk
670535	C10	None Supplied	0.10	10.9	Brown sandy gravel with stones and concrete
670536	C11	None Supplied	0.30	10.1	Brown sandy gravel with stones and concrete
670537	C12	None Supplied	0.20	9.1	Brown sandy gravel with stones and concrete
670538	C12A	None Supplied	0.20	18.7	Brown sandy clay with stones and vegetation
670539	C13	None Supplied	0.40	17.1	Brown sandy clay with stones
670540	C14	None Supplied	0.20	15.9	Brown sandy clay with stones and vegetation
670541	C14A	None Supplied	0.30	17.1	Brown sandy clay with stones and vegetation
670542	C15	None Supplied	0.00	13.9	Brown sandy clay with stones and chalk
670543	C16	None Supplied	0.00	11.9	Brown sandy clay with stones and vegetation
670544	C17	None Supplied	0.10	16.1	Brown sandy clay with stones and vegetation
670545	C18	None Supplied	0.00	16.6	Brown sandy clay with stones and vegetation
670546	C19	None Supplied	0.10	18.3	Brown sandy clay with stones and chalk
670547	C20	None Supplied	0.10	14.3	Brown sandy clay with chalk
670548	C21	None Supplied	0.00	15.2	Brown sandy clay with stones and vegetation
670549	C22	None Supplied	0.00	18.2	Brown sandy clay with vegetation
670550	C23	None Supplied	0.20	17	Brown sandy clay with stones and vegetation
670551	C24	None Supplied	0.20	16.8	Brown sandy clay with stones and vegetation
670552	C25	None Supplied	0.00	17	Brown sandy clay with stones and vegetation
670553	C26	None Supplied	0.20	14.8	Brown sandy clay with stones and vegetation

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample ^{1/5}

Unsuitable Sample ^{U/5}



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 23-10618

Peter Baxter Associates Ltd

Site Reference: Prima Windows Nonington CT15 4HF Phase 2

Project / Job Ref: 1637

Order No: None Supplied

Reporting Date: 24/08/2023

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1.5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 - C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

Water Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 23-10618

Peter Baxter Associates Ltd

Site Reference: Prima Windows Nonington CT15 4HF Phase 2

Project / Job Ref: 1637

Order No: None Supplied

Reporting Date: 24/08/2023

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Water	UF	Alkalinity	Determination of alkalinity by titration against hydrochloric acid using bromocresol green as the end point	E103
Water	F	Ammoniacal Nitrogen	Determination of ammoniacal nitrogen by discrete analyser.	E126
Water	UF	BTEX	Determination of BTEX by headspace GC-MS	E101
Water	F	Cations	Determination of cations by filtration followed by ICP-MS	E102
Water	UF	Chemical Oxygen Demand (COD)	Determination using a COD reactor followed by colorimetry	E112
Water	F	Chloride	Determination of chloride by filtration & analysed by ion chromatography	E109
Water	F	Chromium - Hexavalent	Determination of hexavalent chromium by acidification, addition of 1,5 diphenylcarbazide followed by	E116
Water	UF	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E115
Water	UF	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E115
Water	UF	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E115
Water	UF	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through liquid:liquid extraction with cyclohexane	E111
Water	F	Diesel Range Organics (C10 - C24)	Determination of liquid:liquid extraction with hexane followed by GC-FID	E104
Water	F	Dissolved Organic Content (DOC)	Determination of DOC by filtration followed by low heat with persulphate addition followed by IR dete	E110
Water	UF	Electrical Conductivity	Determination of electrical conductivity by electrometric measurement	E123
Water	F	EPH (C10 - C40)	Determination of liquid:liquid extraction with hexane followed by GC-FID	E104
Water	F	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of liquid:liquid extraction with hexane followed by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E104
Water	F	Fluoride	Determination of Fluoride by filtration & analysed by ion chromatography	E109
Water	F	Hardness	Determination of Ca and Mg by ICP-MS followed by calculation	E102
Leachate	F	Leachate Preparation - NRA	Based on National Rivers Authority leaching test 1994	E301
Leachate	F	Leachate Preparation - WAC	Based on BS EN 12457 Pt1, 2, 3	E302
Water	F	Metals	Determination of metals by filtration followed by ICP-MS	E102
Water	F	Mineral Oil (C10 - C40)	Determination of liquid:liquid extraction with hexane followed by GI-FID	E104
Water	F	Nitrate	Determination of nitrate by filtration & analysed by ion chromatography	E109
Water	UF	Monohydric Phenol	Determination of phenols by distillation followed by colorimetry	E121
Water	F	PAH - Speciated (EPA 16)	Determination of PAH compounds by concentration through SPE cartridge, collection in dichloromethane followed by GC-MS	E105
Water	F	PCB - 7 Congeners	Determination of PCB compounds by concentration through SPE cartridge, collection in dichloromethane	E108
Water	UF	Petroleum Ether Extract (PEE)	Gravimetrically determined through liquid:liquid extraction with petroleum ether	E111
Water	UF	pH	Determination of pH by electrometric measurement	E107
Water	F	Phosphate	Determination of phosphate by filtration & analysed by ion chromatography	E109
Water	UF	Redox Potential	Determination of redox potential by electrometric measurement	E113
Water	F	Sulphate (as SO4)	Determination of sulphate by filtration & analysed by ion chromatography	E109
Water	UF	Sulphide	Determination of sulphide by distillation followed by colorimetry	E118
Water	F	SVOC	Determination of semi-volatile organic compounds by concentration through SPE cartridge, collection in dichloromethane followed by GC-MS	E106
Water	UF	Toluene Extractable Matter (TEM)	Gravimetrically determined through liquid:liquid extraction with toluene	E111
Water	UF	Total Organic Carbon (TOC)	Low heat with persulphate addition followed by IR detection	E110
Water	F	TPH CWG (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of liquid:liquid extraction with hexane, fractionating with SPE followed by GC-FID for C8 to C35. C5 to C8 by headspace GC-MS	E104
Water	F	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of liquid:liquid extraction with hexane, fractionating with SPE followed by GC-FID for C8 to C44. C5 to C8 by headspace GC-MS	E104
Water	UF	VOCS	Determination of volatile organic compounds by headspace GC-MS	E101
Water	UF	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E101

Key

F Filtered
UF Unfiltered

Parameter	Matrix Type	Suite Reference	Expanded Uncertainty Measurement	Unit
TOC	Soil	BS EN 12457	10.4	%
Loss on Ignition	Soil	BS EN 12457	16.9	%
BTEX	Soil	BS EN 12457	14.0	%
Sum of PCBs	Soil	BS EN 12457	21.1	%
Mineral Oil	Soil	BS EN 12457	9.0	%
Total PAH	Soil	BS EN 12457	17.9	%
pH	Soil	BS EN 12457	0.282	Units
Acid Neutralisation Capacity	Soil	BS EN 12457	18.0	%
Arsenic	Leachate	BS EN 12457	19.5	%
Barium	Leachate	BS EN 12457	12.2	%
Cadmium	Leachate	BS EN 12457	17.2	%
Chromium	Leachate	BS EN 12457	20.7	%
Copper	Leachate	BS EN 12457	14.1	%
Mercury	Leachate	BS EN 12457	16.7	%
Molybdenum	Leachate	BS EN 12457	13.3	%
Nickel	Leachate	BS EN 12457	14.0	%
Lead	Leachate	BS EN 12457	12.1	%
Antimony	Leachate	BS EN 12457	16.1	%
Selenium	Leachate	BS EN 12457	15.5	%
Zinc	Leachate	BS EN 12457	14.0	%
Chloride	Leachate	BS EN 12457	15.7	%
Fluoride	Leachate	BS EN 12457	19.1	%
Sulphate	Leachate	BS EN 12457	27.6	%
TDS	Leachate	BS EN 12457	10.0	%
Phenol Index	Leachate	BS EN 12457	12.9	%
DOC	Leachate	BS EN 12457	20.4	%
Clay Content	Soil	BS 3882: 2015	15.0	%
Silt Content	Soil	BS 3882: 2015	14.0	%
Sand Content	Soil	BS 3882: 2015	13.0	%
Loss on Ignition	Soil	BS 3882: 2015	16.9	%
pH	Soil	BS 3882: 2015	0.282	Units
Carbonate	Soil	BS 3882: 2015	12.0	%
Total Nitrogen	Soil	BS 3882: 2015	12.0	%
Phosphorus (Extractable)	Soil	BS 3882: 2015	24.0	%
Potassium (Extractable)	Soil	BS 3882: 2015	20.0	%
Magnesium (Extractable)	Soil	BS 3882: 2015	26.0	%
Zinc	Soil	BS 3882: 2015	19.8	%
Copper	Soil	BS 3882: 2015	23.2	%
Nickel	Soil	BS 3882: 2015	32.6	%
Available Sodium	Soil	BS 3882: 2015	23.0	%
Available Calcium	Soil	BS 3882: 2015	23.0	%
Electrical Conductivity	Soil	BS 3882: 2015	10.0	%