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To:

Alix Hamilton

Keltbray Remediation

St Andrew's House

Portsmouth Road

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KT10 9TA

Non-routine Analysis Report

29 MAY 2020

Our Reference:	20-014 (SDG: 200515-44)
Quote Reference:	NRW735
Your Reference:	P296
Location:	Clarendon Road

Two passively sampled Tenax thermal desorption tubes were received on the 15th May with a request for UST suite including BTEX and naphthalene.

We are pleased to enclose our non-routine analysis report.

SIGNED:**ADAM GOWER**

TECHNICAL SPECIALIST



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1. Introduction

Two thermal desorption tubes containing Tenax sorbent were received for determination of UST suite including BTEX and naphthalene. These samples are detailed in Table 1.

Sample collection was carried out passively, using diffusion. Results can be reported in $\mu\text{g}/\text{m}^3$ when published uptake rates are available.

Tube Number	Client Sample ID	SDG	Sample Event Number	Sampling Time
4851	Houses	200515-44	22151493	16.0 days
6053	Office	200515-44	22151494	16.0 days

Table 1: Sample References

All analyses within this report are outside our accreditation status and were conducted on the 'As Received' sample.



2. Results

The samples were analysed using thermal desorption gas chromatography with mass selective detection. The results in ng on tube from the analysed samples are reported in Table 2. The time-weighted average (TWA) results for compounds with known uptake rates are reported in Table 3.

	Houses (ng)	Office (ng)
MTBE	<10	<10
Hexane	<4	<4
DIPE	<10	<10
ETBE	<10	<10
Benzene	15.4	10.1
TAME	<10	<10
Toluene	6.44	5.46
Octane	<5	<5
Ethylbenzene	<2	<2
<i>p/m</i> -Xylene	4.89	4.60
<i>o</i> -Xylene	2.38	2.06
Decane	<1.6	<1.6
1,2,3-Trimethylbenzene	<6	<6
Dodecane	<6	<6
Naphthalene	<4	<4
1-Methylnaphthalene	<8	<8
GRO (>C6 - C12)	<67	<67

Table 2: Results on tube, in ng

	Uptake rate (cm ³ min ⁻¹)	Houses (µg m ⁻³)	Office (µg m ⁻³)
Benzene	0.41	1.63	1.07
Toluene	0.44	0.64	0.54
Octane	0.43	<0.5	<0.5
Ethylbenzene	0.46	<0.5	<0.5
<i>p/m</i> -Xylene	0.42	0.51	0.48
<i>o</i> -Xylene	0.42	0.25	0.21
Decane	0.40	<0.22	<0.22
1,2,3-Trimethylbenzene	0.48	<0.18	<0.18
Naphthalene	0.49	<0.35	<0.35

Table 3: Time-weighted averages

Final Report

Report No.:	20-20224-1		
Initial Date of Issue:	06-Aug-2020		
Client	Keltbray		
Client Address:	St. Andrews Road Portsmouth House Esher Surrey KT10 9TA		
Contact(s):	Daisy Thomson Joan Marsh Rob Walter		
Project	6075 Clarendon Road		
Quotation No.:		Date Received:	03-Aug-2020
Order No.:		Date Instructed:	04-Aug-2020
No. of Samples:	2		
Turnaround (Wkdays):	5	Results Due:	10-Aug-2020
Date Approved:	06-Aug-2020		
Approved By:			
Details:	Glynn Harvey, Technical Manager		

Results - Gas

Project: 6075 Clarendon Road

Client: Keltbray	Chemtest Job No.:				20-20224	20-20224
Quotation No.:	Chemtest Sample ID.:				1042374	1042375
Order No.:	Client Sample Ref.:				30/07/2020	30/07/2020
	Client Sample ID.:				1152749	1152867
	Sample Location:				House	Office
	Sample Type:				GAS	GAS
	Date Sampled:				16-Jul-2020	16-Jul-2020
Determinand	Accred.	SOP	Units	LOD		
Aliphatic TPH >C5-C6	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C6-C8	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C8-C10	N	3675	µg/m³	N/A	ND	1.8
Aliphatic TPH >C10-C12	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C12-C16	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C5-C7	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C7-C8	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C8-C10	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C10-C12	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C12-C16	N	3675	µg/m³	N/A	ND	ND
Trichlorofluoromethane	N	3760	µg/m³	N/A	<0.7	<0.7
Propanone	N	3760	µg/m³	N/A	<2.9	<2.9
Diethyl ether	N	3760	µg/m³	N/A	<0.7	<0.7
1,1-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Carbon disulfide	N	3760	µg/m³	N/A	<0.3	<0.3
Allyl chloride	N	3760	µg/m³	N/A	<0.8	<0.8
Dichloromethane	N	3760	µg/m³	N/A	<0.4	<0.4
trans-1,2-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Methyl-tertiary-butyl ether	N	3760	µg/m³	N/A	<0.4	<0.4
1,1-Dichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
2-Butanone	N	3760	µg/m³	N/A	<3.6	<3.6
cis-1,2-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Trichloromethane	N	3760	µg/m³	N/A	<0.5	<0.5
Tetrahydrofuran	N	3760	µg/m³	N/A	<7.3	<7.3
1,1,1-Trichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
1,2-Dichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
1-Chlorobutane	N	3760	µg/m³	N/A	<0.5	<0.5
1,1-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
Benzene	N	3760	µg/m³	N/A	0.6	0.6
Tetrachloromethane	N	3760	µg/m³	N/A	<0.8	<0.8
2-Nitropropane	N	3760	µg/m³	N/A	<0.9	<0.9
Methyl methacrylate	N	3760	µg/m³	N/A	<1	<1
2-Hexanone	N	3760	µg/m³	N/A	<1.5	<1.5
4-Methyl-2-pentanone	N	3760	µg/m³	N/A	<2.5	<2.5
Trichloroethene	N	3760	µg/m³	N/A	<0.7	<0.7
Dibromomethane	N	3760	µg/m³	N/A	<0.9	<0.9
Bromodichloromethane	N	3760	µg/m³	N/A	<0.8	<0.8
trans-1,3-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
cis-1,3-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6

Results - Gas

Project: 6075 Clarendon Road

Client: Keltbray	Chemtest Job No.:				20-20224	20-20224
Quotation No.:	Chemtest Sample ID.:				1042374	1042375
Order No.:	Client Sample Ref.:				30/07/2020	30/07/2020
	Client Sample ID.:				1152749	1152867
	Sample Location:				House	Office
	Sample Type:				GAS	GAS
	Date Sampled:				16-Jul-2020	16-Jul-2020
Determinand	Accred.	SOP	Units	LOD		
Toluene	N	3760	µg/m³	N/A	0.5	0.6
1,1,2-Trichloroethane	N	3760	µg/m³	N/A	<0.7	<0.7
1,3-Dichloropropane	N	3760	µg/m³	N/A	<0.6	<0.6
Ethyl methacrylate	N	3760	µg/m³	N/A	<1.2	<1.2
Dibromochloromethane	N	3760	µg/m³	N/A	<1	<1
1,2-Dibromoethane	N	3760	µg/m³	N/A	<0.9	<0.9
Tetrachloroethene	N	3760	µg/m³	N/A	<0.8	<0.8
Chlorobenzene	N	3760	µg/m³	N/A	<0.5	<0.5
1,1,1,2-Tetrachloroethane	N	3760	µg/m³	N/A	<0.8	<0.8
Ethylbenzene	N	3760	µg/m³	N/A	<0.4	<0.4
m- & p-Xylene	N	3760	µg/m³	N/A	<0.9	<0.9
Styrene	N	3760	µg/m³	N/A	<0.5	<0.5
Bromoform	N	3760	µg/m³	N/A	<1.3	<1.3
o-Xylene	N	3760	µg/m³	N/A	<0.4	<0.4
1,1,2,2-Tetrachloroethane	N	3760	µg/m³	N/A	<0.8	<0.8
1,2,3-Trichloropropane	N	3760	µg/m³	N/A	<0.7	<0.7
Isopropylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
trans-1,4-Dichloro-2-butene	N	3760	µg/m³	N/A	<1.3	<1.3
Bromobenzene	N	3760	µg/m³	N/A	<0.8	<0.8
2-Chlorotoluene	N	3760	µg/m³	N/A	<0.6	<0.6
n-Propylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
4-Chlorotoluene	N	3760	µg/m³	N/A	<0.6	<0.6
1,3,5-Trimethylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
Pentachloroethane	N	3760	µg/m³	N/A	<2	<2
1,2,4-Trimethylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
tert-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
1,3-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
sec-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
1,4-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
4-Isopropyltoluene	N	3760	µg/m³	N/A	<0.7	<0.7
1,2-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
n-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
Hexachloroethane	N	3760	µg/m³	N/A	<2.4	<2.4
1,2-Dibromo-3-chloropropane	N	3760	µg/m³	N/A	<1.2	<1.2
1,2,4-Trichlorobenzene	N	3760	µg/m³	N/A	<0.9	<0.9
Naphthalene	N	3760	µg/m³	N/A	0.5	0.3
1,2,3-Trichlorobenzene	N	3760	µg/m³	N/A	<0.9	<0.9
Hexachlorobutadiene	N	3760	µg/m³	N/A	<1.3	<1.3

Results - Gas

Project: 6075 Clarendon Road

Client: Keltbray	Chemtest Job No.:				20-20224	20-20224
Quotation No.:	Chemtest Sample ID.:				1042374	1042375
Order No.:	Client Sample Ref.:				30/07/2020	30/07/2020
	Client Sample ID.:				1152749	1152867
	Sample Location:				House	Office
	Sample Type:				GAS	GAS
	Date Sampled:				16-Jul-2020	16-Jul-2020
Determinand	Accred.	SOP	Units	LOD		
Tentatively Identified Compounds						
Decane	N	3760	µg/m³	N/A	N/A	1.8

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37 °C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com



ALS Environmental

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To:

Alix Hamilton

Keltbray Remediation

St Andrew's House

Portsmouth Road

Esher

Surrey

KT10 9TA

Non-routine Analysis Report

29 MAY 2020

Our Reference:	20-014 (SDG: 200515-44)
Quote Reference:	NRW735
Your Reference:	P296
Location:	Clarendon Road

Two passively sampled Tenax thermal desorption tubes were received on the 15th May with a request for UST suite including BTEX and naphthalene.

We are pleased to enclose our non-routine analysis report.

SIGNED:**ADAM GOWER**

TECHNICAL SPECIALIST



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1. Introduction

Two thermal desorption tubes containing Tenax sorbent were received for determination of UST suite including BTEX and naphthalene. These samples are detailed in Table 1.

Sample collection was carried out passively, using diffusion. Results can be reported in $\mu\text{g}/\text{m}^3$ when published uptake rates are available.

Tube Number	Client Sample ID	SDG	Sample Event Number	Sampling Time
4851	Houses	200515-44	22151493	16.0 days
6053	Office	200515-44	22151494	16.0 days

Table 1: Sample References

All analyses within this report are outside our accreditation status and were conducted on the 'As Received' sample.



2. Results

The samples were analysed using thermal desorption gas chromatography with mass selective detection. The results in ng on tube from the analysed samples are reported in Table 2. The time-weighted average (TWA) results for compounds with known uptake rates are reported in Table 3.

	Houses (ng)	Office (ng)
MTBE	<10	<10
Hexane	<4	<4
DIPE	<10	<10
ETBE	<10	<10
Benzene	15.4	10.1
TAME	<10	<10
Toluene	6.44	5.46
Octane	<5	<5
Ethylbenzene	<2	<2
<i>p/m</i> -Xylene	4.89	4.60
<i>o</i> -Xylene	2.38	2.06
Decane	<1.6	<1.6
1,2,3-Trimethylbenzene	<6	<6
Dodecane	<6	<6
Naphthalene	<4	<4
1-Methylnaphthalene	<8	<8
GRO (>C6 - C12)	<67	<67

Table 2: Results on tube, in ng

	Uptake rate (cm ³ min ⁻¹)	Houses (µg m ⁻³)	Office (µg m ⁻³)
Benzene	0.41	1.63	1.07
Toluene	0.44	0.64	0.54
Octane	0.43	<0.5	<0.5
Ethylbenzene	0.46	<0.5	<0.5
<i>p/m</i> -Xylene	0.42	0.51	0.48
<i>o</i> -Xylene	0.42	0.25	0.21
Decane	0.40	<0.22	<0.22
1,2,3-Trimethylbenzene	0.48	<0.18	<0.18
Naphthalene	0.49	<0.35	<0.35

Table 3: Time-weighted averages



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To:

Alix Hamilton

Keltbray Remediation

St Andrew's House

Portsmouth Road

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Non-routine Analysis Report

22 JUNE 2020

Our Reference:	20-016 (SDG: 200608-3)
Quote Reference:	NRW735
Your Reference:	n/a
Location:	Clarendon Road

Two passively sampled Tenax thermal desorption tubes were received on the 8th June with a request for UST suite including BTEX and naphthalene.

We are pleased to enclose our non-routine analysis report.

SIGNED:

ADAM GOWER

TECHNICAL SPECIALIST



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1. Introduction

Two thermal desorption tubes containing Tenax sorbent were received for determination of UST suite including BTEX and naphthalene. These samples are detailed in Table 1.

Sample collection was carried out passively, using diffusion. Results can be reported in $\mu\text{g}/\text{m}^3$ when published uptake rates are available.

Tube Number	Client Sample ID	SDG	Sample Event Number	Sampling Time
Mi164130	Houses	200608-3	22267212	21.0 days
Mi164131	Office	200608-3	22267213	21.0 days

Table 1: Sample References

All analyses within this report are outside our accreditation status and were conducted on the 'As Received' sample.



2. Results

The samples were analysed using thermal desorption gas chromatography with mass selective detection. The results in ng on tube from the analysed samples are reported in Table 2. The time-weighted average (TWA) results for compounds with known uptake rates are reported in Table 3.

	Houses (ng)	Office (ng)
MTBE	<10	<10
Hexane	<4	<4
DIPE	<10	<10
ETBE	<10	<10
Benzene	22.7	9.41
TAME	<10	<10
Toluene	12.7	6.86
Octane	<5	<5
Ethylbenzene	<2	<2
<i>p/m</i> -Xylene	12.7	6.86
<i>o</i> -Xylene	<2	<2
Decane	<1.6	<1.6
1,2,3-Trimethylbenzene	<6	<6
Dodecane	<6	<6
Naphthalene	<4	<4
1-Methylnaphthalene	<8	<8
GRO (>C6 - C12)	<67	<67

Table 2: Results on tube, in ng

	Uptake rate (cm ³ min ⁻¹)	Houses (µg m ⁻³)	Office (µg m ⁻³)
Benzene	0.41	1.53	0.81
Toluene	0.44	1.70	0.71
Octane	0.43	<0.38	<0.38
Ethylbenzene	0.46	<0.14	<0.14
<i>p/m</i> -Xylene	0.42	1.00	0.54
<i>o</i> -Xylene	0.42	<0.16	<0.16
Decane	0.40	<0.17	<0.17
1,2,3-Trimethylbenzene	0.48	<0.14	<0.14
Naphthalene	0.49	<0.27	<0.27

Table 3: Time-weighted averages



To:

Alix Hamilton

Keltbray Remediation

St Andrew's House

Portsmouth Road

Esher

Surrey

KT10 9TA

Non-routine Analysis Report

21 JULY 2020

Our Reference:	20-018 (SDG: 200620-2)
Quote Reference:	NRW735
Your Reference:	n/a
Location:	Clarendon Road

Two passively sampled Tenax thermal desorption tubes were received on the 20th June with a request for UST suite including BTEX and naphthalene.

We are pleased to enclose our non-routine analysis report.

SIGNED:

ADAM GOWER

TECHNICAL SPECIALIST



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Table 3: Time-weighted averages.....	5



1. Introduction

Two thermal desorption tubes containing Tenax sorbent were received for determination of UST suite including BTEX and naphthalene. These samples are detailed in Table 1.

Sample collection was carried out passively, using diffusion. Results can be reported in $\mu\text{g}/\text{m}^3$ when published uptake rates are available.

Tube Number	Client Sample ID	SDG	Sample Event Number	Sampling Time
4853	Office	200620-2	22344392	11.0 days
6265	Houses	200620-2	22344390	11.0 days

Table 1: Sample References

All analyses within this report are outside our accreditation status and were conducted on the 'As Received' sample.



2. Results

The samples were analysed using thermal desorption gas chromatography with mass selective detection. The results in ng on tube from the analysed samples are reported in Table 2. The time-weighted average (TWA) results for compounds with known uptake rates are reported in Table 3.

When analysed, Tube 4853 (Office) showed poor chromatography. As a portion of the sample was re-collected it could be re-analysed. The re-analysed portion of the sample showed good peak shapes but, as only a portion of the original sample could be analysed, it is reported with raised detection limits.

	Office (ng)	Houses (ng)
MTBE	<40	<10
Hexane	<16	147
DIPE	<40	<10
ETBE	<40	<10
Benzene	53.0	10.4
TAME	<40	<10
Toluene	9.74	19.7
Octane	<20	<5
Ethylbenzene	<8	2.8
<i>p/m</i> -Xylene	12.1	10.7
<i>o</i> -Xylene	<8	4.75
Decane	<6.4	<1.6
1,2,3-Trimethylbenzene	<24	<6
Dodecane	<24	<6
Naphthalene	<16	5.58
1-Methylnaphthalene	<32	<8
GRO (>C6 - C12)	<268	<67

Table 2: Results on tube, in ng

	Uptake rate (cm ³ min ⁻¹)	Office (µg m ⁻³)	Houses (µg m ⁻³)
Benzene	0.41	8.17	1.60
Toluene	0.44	1.40	2.83
Octane	0.43	<2.92	<0.73
Ethylbenzene	0.46	<1.08	0.38
<i>p/m</i> -Xylene	0.42	1.81	1.61
<i>o</i> -Xylene	0.42	<1.20	0.71
Decane	0.40	<1.28	<0.32
1,2,3-Trimethylbenzene	0.48	<1.04	<0.26
Naphthalene	0.49	<2.08	0.72

Table 3: Time-weighted averages

Final Report

Report No.:	20-16854-1		
Initial Date of Issue:	10-Jul-2020		
Client	Keltbray		
Client Address:	St. Andrews House Portsmouth Road Esher Surrey KT10 9TA		
Contact(s):	Alix Hamilton		
Project	6075 Clerendon Road, Phase 3 (6075)		
Quotation No.:	Q20-20440	Date Received:	02-Jul-2020
Order No.:		Date Instructed:	02-Jul-2020
No. of Samples:	2		
Turnaround (Wkdays):	7	Results Due:	10-Jul-2020
Date Approved:	10-Jul-2020		
Approved By:			
Details:	Glynn Harvey, Technical Manager		

Results - Gas

Project: 6075 Clerendon Road, Phase 3 (6075)

Client: Keltbray	Chemtest Job No.:				20-16854	20-16854
Quotation No.: Q20-20440	Chemtest Sample ID.:				1025553	1025554
Order No.:	Client Sample Ref.:				02/07/2020	02/07/2020
	Sample Location:				Houses	Office
	Sample Type:				GAS	GAS
	Date Sampled:				18-Jun-2020	18-Jun-2020
Determinand	Accred.	SOP	Units	LOD		
Aliphatic TPH >C5-C6	N	3675	µg/m³	N/A	ND	1.2
Aliphatic TPH >C6-C8	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C8-C10	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C10-C12	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C12-C16	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C5-C7	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C7-C8	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C8-C10	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C10-C12	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C12-C16	N	3675	µg/m³	N/A	ND	ND
Trichlorofluoromethane	N	3760	µg/m³	N/A	<0.7	<0.7
Propanone	N	3760	µg/m³	N/A	<2.9	<2.9
Diethyl ether	N	3760	µg/m³	N/A	<0.7	<0.7
1,1-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Carbon disulfide	N	3760	µg/m³	N/A	<0.3	<0.3
Allyl chloride	N	3760	µg/m³	N/A	<0.8	<0.8
Dichloromethane	N	3760	µg/m³	N/A	<0.4	<0.4
trans-1,2-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Methyl-tertiary-butyl ether	N	3760	µg/m³	N/A	<0.4	<0.4
1,1-Dichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
2-Butanone	N	3760	µg/m³	N/A	<3.6	<3.6
cis-1,2-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Trichloromethane	N	3760	µg/m³	N/A	<0.5	<0.5
Tetrahydrofuran	N	3760	µg/m³	N/A	<7.3	<7.3
1,1,1-Trichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
1,2-Dichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
1-Chlorobutane	N	3760	µg/m³	N/A	<0.5	<0.5
1,1-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
Benzene	N	3760	µg/m³	N/A	0.4	0.4
Tetrachloromethane	N	3760	µg/m³	N/A	<0.8	<0.8
2-Nitropropane	N	3760	µg/m³	N/A	<0.9	<0.9
Methyl methacrylate	N	3760	µg/m³	N/A	<1	<1
2-Hexanone	N	3760	µg/m³	N/A	<1.5	<1.5
4-Methyl-2-pentanone	N	3760	µg/m³	N/A	<2.5	<2.5
Trichloroethene	N	3760	µg/m³	N/A	<0.7	<0.7
Dibromomethane	N	3760	µg/m³	N/A	<0.9	<0.9
Bromodichloromethane	N	3760	µg/m³	N/A	<0.8	<0.8
trans-1,3-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
cis-1,3-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
Toluene	N	3760	µg/m³	N/A	<0.5	<0.5

Results - Gas

Project: 6075 Clerendon Road, Phase 3 (6075)

Client: Keltbray	Chemtest Job No.:				20-16854	20-16854
Quotation No.: Q20-20440	Chemtest Sample ID.:				1025553	1025554
Order No.:	Client Sample Ref.:				02/07/2020	02/07/2020
	Sample Location:				Houses	Office
	Sample Type:				GAS	GAS
	Date Sampled:				18-Jun-2020	18-Jun-2020
Determinand	Accred.	SOP	Units	LOD		
1,1,2-Trichloroethane	N	3760	µg/m³	N/A	<0.7	<0.7
1,3-Dichloropropane	N	3760	µg/m³	N/A	<0.6	<0.6
Ethyl methacrylate	N	3760	µg/m³	N/A	<1.2	<1.2
Dibromochloromethane	N	3760	µg/m³	N/A	<1	<1
1,2-Dibromoethane	N	3760	µg/m³	N/A	<0.9	<0.9
Tetrachloroethene	N	3760	µg/m³	N/A	<0.8	<0.8
Chlorobenzene	N	3760	µg/m³	N/A	<0.5	<0.5
1,1,1,2-Tetrachloroethane	N	3760	µg/m³	N/A	<0.8	<0.8
Ethylbenzene	N	3760	µg/m³	N/A	<0.4	<0.4
m- & p-Xylene	N	3760	µg/m³	N/A	<0.9	<0.9
Styrene	N	3760	µg/m³	N/A	<0.5	<0.5
Bromoform	N	3760	µg/m³	N/A	<1.3	<1.3
o-Xylene	N	3760	µg/m³	N/A	<0.4	<0.4
1,1,2,2-Tetrachloroethane	N	3760	µg/m³	N/A	<0.8	<0.8
1,2,3-Trichloropropane	N	3760	µg/m³	N/A	<0.7	<0.7
Isopropylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
trans-1,4-Dichloro-2-butene	N	3760	µg/m³	N/A	<1.3	<1.3
Bromobenzene	N	3760	µg/m³	N/A	<0.8	<0.8
2-Chlorotoluene	N	3760	µg/m³	N/A	<0.6	<0.6
n-Propylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
4-Chlorotoluene	N	3760	µg/m³	N/A	<0.6	<0.6
1,3,5-Trimethylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
Pentachloroethane	N	3760	µg/m³	N/A	<2	<2
1,2,4-Trimethylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
tert-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
1,3-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
sec-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
1,4-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
4-Isopropyltoluene	N	3760	µg/m³	N/A	<0.7	<0.7
1,2-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
n-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
Hexachloroethane	N	3760	µg/m³	N/A	<2.4	<2.4
1,2-Dibromo-3-chloropropane	N	3760	µg/m³	N/A	<1.2	<1.2
1,2,4-Trichlorobenzene	N	3760	µg/m³	N/A	<0.9	<0.9
Naphthalene	N	3760	µg/m³	N/A	0.6	0.3
1,2,3-Trichlorobenzene	N	3760	µg/m³	N/A	<0.9	<0.9
Hexachlorobutadiene	N	3760	µg/m³	N/A	<1.3	<1.3

Tentatively Identified Compounds						
n-Hexane	N	3760	µg/m³	N/A	N/A	1.2

Report Information

Key

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- M MCERTS and UKAS accredited
- N Unaccredited
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- SN This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable Sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

Final Report

Report No.:	20-18494-1		
Initial Date of Issue:	27-Jul-2020		
Client	Keltbray		
Client Address:	St. Andrews House Portsmouth Road Esher Surrey KT10 9TA		
Contact(s):	Alix Hamilton		
Project	74950 - Tenax Tubes		
Quotation No.:	Q20-20440	Date Received:	17-Jul-2020
Order No.:		Date Instructed:	17-Jul-2020
No. of Samples:	2		
Turnaround (Wkdays):	7	Results Due:	27-Jul-2020
Date Approved:	27-Jul-2020		
Approved By:			
Details:	Glynn Harvey, Technical Manager		

Results - Gas

Project: 74950 - Tenax Tubes

Client: Keltbray	Chemtest Job No.:				20-18494	20-18494
Quotation No.: Q20-20440	Chemtest Sample ID.:				1033635	1033636
Order No.:	Client Sample Ref.:				B35702	1143629
	Client Sample ID.:				Offices	Houses
	Sample Type:				GAS	GAS
	Date Sampled:				16-Jul-2020	16-Jul-2020
Determinand	Accred.	SOP	Units	LOD		
Aliphatic TPH >C5-C6	N	3675	µg/m³	N/A	5.6	ND
Aliphatic TPH >C6-C8	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C8-C10	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C10-C12	N	3675	µg/m³	N/A	ND	ND
Aliphatic TPH >C12-C16	N	3675	µg/m³	N/A	4.0	ND
Aromatic TPH >C5-C7	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C7-C8	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C8-C10	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C10-C12	N	3675	µg/m³	N/A	ND	ND
Aromatic TPH >C12-C16	N	3675	µg/m³	N/A	ND	ND
Trichlorofluoromethane	N	3760	µg/m³	N/A	<0.7	<0.7
Propanone	N	3760	µg/m³	N/A	<2.9	<2.9
Diethyl ether	N	3760	µg/m³	N/A	<0.7	<0.7
1,1-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Carbon disulfide	N	3760	µg/m³	N/A	<0.3	<0.3
Allyl chloride	N	3760	µg/m³	N/A	<0.8	<0.8
Dichloromethane	N	3760	µg/m³	N/A	<0.4	<0.4
trans-1,2-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Methyl-tertiary-butyl ether	N	3760	µg/m³	N/A	<0.4	<0.4
1,1-Dichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
2-Butanone	N	3760	µg/m³	N/A	<3.6	<3.6
cis-1,2-Dichloroethene	N	3760	µg/m³	N/A	<0.5	<0.5
Trichloromethane	N	3760	µg/m³	N/A	<0.5	<0.5
Tetrahydrofuran	N	3760	µg/m³	N/A	<7.3	<7.3
1,1,1-Trichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
1,2-Dichloroethane	N	3760	µg/m³	N/A	<0.5	<0.5
1-Chlorobutane	N	3760	µg/m³	N/A	<0.5	<0.5
1,1-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
Benzene	N	3760	µg/m³	N/A	0.6	0.4
Tetrachloromethane	N	3760	µg/m³	N/A	<0.8	<0.8
2-Nitropropane	N	3760	µg/m³	N/A	<0.9	<0.9
Methyl methacrylate	N	3760	µg/m³	N/A	<1	<1
2-Hexanone	N	3760	µg/m³	N/A	<1.5	<1.5
4-Methyl-2-pentanone	N	3760	µg/m³	N/A	<2.5	<2.5
Trichloroethene	N	3760	µg/m³	N/A	<0.7	<0.7
Dibromomethane	N	3760	µg/m³	N/A	<0.9	<0.9
Bromodichloromethane	N	3760	µg/m³	N/A	<0.8	<0.8
trans-1,3-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
cis-1,3-Dichloropropene	N	3760	µg/m³	N/A	<0.6	<0.6
Toluene	N	3760	µg/m³	N/A	0.6	<0.5

Results - Gas

Project: 74950 - Tenax Tubes

Client: Keltbray	Chemtest Job No.:				20-18494	20-18494
Quotation No.: Q20-20440	Chemtest Sample ID.:				1033635	1033636
Order No.:	Client Sample Ref.:				B35702	1143629
	Client Sample ID.:				Offices	Houses
	Sample Type:				GAS	GAS
	Date Sampled:				16-Jul-2020	16-Jul-2020
Determinand	Accred.	SOP	Units	LOD		
1,1,2-Trichloroethane	N	3760	µg/m³	N/A	<0.7	<0.7
1,3-Dichloropropane	N	3760	µg/m³	N/A	<0.6	<0.6
Ethyl methacrylate	N	3760	µg/m³	N/A	<1.2	<1.2
Dibromochloromethane	N	3760	µg/m³	N/A	<1	<1
1,2-Dibromoethane	N	3760	µg/m³	N/A	<0.9	<0.9
Tetrachloroethene	N	3760	µg/m³	N/A	<0.8	<0.8
Chlorobenzene	N	3760	µg/m³	N/A	<0.5	<0.5
1,1,1,2-Tetrachloroethane	N	3760	µg/m³	N/A	<0.8	<0.8
Ethylbenzene	N	3760	µg/m³	N/A	<0.4	<0.4
m- & p-Xylene	N	3760	µg/m³	N/A	<0.9	<0.9
Styrene	N	3760	µg/m³	N/A	<0.5	<0.5
Bromoform	N	3760	µg/m³	N/A	<1.3	<1.3
o-Xylene	N	3760	µg/m³	N/A	<0.4	<0.4
1,1,2,2-Tetrachloroethane	N	3760	µg/m³	N/A	<0.8	<0.8
1,2,3-Trichloropropane	N	3760	µg/m³	N/A	<0.7	<0.7
Isopropylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
trans-1,4-Dichloro-2-butene	N	3760	µg/m³	N/A	<1.3	<1.3
Bromobenzene	N	3760	µg/m³	N/A	<0.8	<0.8
2-Chlorotoluene	N	3760	µg/m³	N/A	<0.6	<0.6
n-Propylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
4-Chlorotoluene	N	3760	µg/m³	N/A	<0.6	<0.6
1,3,5-Trimethylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
Pentachloroethane	N	3760	µg/m³	N/A	<2	<2
1,2,4-Trimethylbenzene	N	3760	µg/m³	N/A	<0.6	<0.6
tert-Butylbenzene	N	3760	µg/m³	N/A	0.7	<0.7
1,3-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
sec-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
1,4-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
4-Isopropyltoluene	N	3760	µg/m³	N/A	<0.7	<0.7
1,2-Dichlorobenzene	N	3760	µg/m³	N/A	<0.7	<0.7
n-Butylbenzene	N	3760	µg/m³	N/A	<0.7	<0.7
Hexachloroethane	N	3760	µg/m³	N/A	<2.4	<2.4
1,2-Dibromo-3-chloropropane	N	3760	µg/m³	N/A	<1.2	<1.2
1,2,4-Trichlorobenzene	N	3760	µg/m³	N/A	<0.9	<0.9
Naphthalene	N	3760	µg/m³	N/A	<0.1	<0.1
1,2,3-Trichlorobenzene	N	3760	µg/m³	N/A	<0.9	<0.9
Hexachlorobutadiene	N	3760	µg/m³	N/A	<1.3	<1.3

Tentatively Identified Compounds

n-Hexane	N	3760	µg/m³	N/A	5.6	N/A
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Results - Gas

Project: 74950 - Tenax Tubes

Client: Keltbray	Chemtest Job No.:		20-18494	20-18494
Quotation No.: Q20-20440	Chemtest Sample ID.:		1033635	1033636
Order No.:	Client Sample Ref.:		B35702	1143629
	Client Sample ID.:		Offices	Houses
	Sample Type:		GAS	GAS
	Date Sampled:		16-Jul-2020	16-Jul-2020
Determinand	Accred.	SOP	Units	LOD
Pentadecane	N	3760	µg/m³	N/A

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