



ALBURY S.I. LTD

**Geotechnical and
Environmental Consultants**

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Our Ref 14/10184/B/NAM

27th January 2015

Opticrealm Limited
62 York Way
Kings Cross
London N1 9AG

For the attention of Mr Tim Cockburn

Dear Tim

Site: Land adjoining 10 Ferdinand Street, Camden, London NW1 8ER

We refer to your instructions to undertake additional contamination sampling and analysis at the above site. This letter should be read as an addendum to a Report on a Desk Study and Site Investigation, Report no 14/10184/NAM – Rev 2, which was completed by Albury SI Ltd in August 2014. This additional work was completed to provide a spread of sampling locations across the site and greater surety with regards to the proposed remediation measures. To this end, the Remediation Method Statement, 14/10184/A/NAM, has been amended (now Rev 1) and is included with this letter.

A visit was made to site on 13th January 2015, when four shallow depth boreholes were constructed using hand held window sampling techniques. The sampling locations are shown on the attached site plan, 14/10184/B/1, and were agreed in principle with the London Borough of Camden Contaminated Land Department prior to commencement of works. Samples were recovered for further examination and laboratory testing. The depths and descriptions of the strata encountered in the boreholes are given on the borehole records which are included with this letter. These records note the depths at which samples were taken and any groundwater observations noted at the time of the fieldworks.

Two samples of the near surface soils were retrieved from the proposed small area of communal soft landscaping, whilst the remaining two samples fall within the footprint of the proposed structure. Taking into account the borehole completed as part of the original site investigation, it is considered that a suitable coverage has been achieved across the site.

Samples of the soils retrieved were tested for a broad range of parameters based upon the CLEA framework. The suite of tests includes for various inorganic compounds, speciated PAH and speciated TPH. An asbestos screen was also completed for all samples. The testing was completed at the MCERTS and UKAS accredited laboratories operated by SAL Limited and the results are included with this letter.

/Continued....

Directors

K J Clark BSc Hons

G C D Owens BSc MSc FGS

Registered Office

Beechey House, 87 Church Street, Crowthorne, Berkshire RG45 7AW

Registered in England No. 2702786





A preliminary assessment of the chronic or long-term risk to human health from soil contamination has been made using the available generic screening criteria. The screening values include the Category 4 Screening Levels [C4SLs] (DEFRA, 2014) and Suitable for Use Levels [S4ULs] (LQM/CIEH, 2014) derived using the CLEA software.

The results have been compared with the relevant guidelines for the proposed land use category “Residential without consumption of home grown produce” and a SOM as appropriate for the given sample. The results indicate that for the contaminants with available guideline data, elevated levels of lead have been recorded at all four test locations, the results ranging from 470mg/kg to 1500mg/kg. No other elevated levels of contamination were identified and the asbestos screen did not identify any such materials. It is pertinent to note that negligible levels of TPH were recorded in all samples tested to date and that consequently, no significant vapour risk is anticipated.

It should be appreciated that this assessment does not consider the short-term or acute risks, such as to construction workers or SI personnel. It should be ensured however, that all health and safety protocols are observed by site operatives for working on a potentially contaminated site.

Whilst no significantly elevated levels of contamination were identified as part of the original site investigation, precautionary remedial measures were proposed at that time. It is considered that following the results of the additional testing, the proposed remedial measures remain appropriate. For further details, please refer to report 14/10184/NAM – Rev 2 and the Remediation Method Statement, 14/10184/A/NAM – Rev 1.

We trust that the above paragraphs and the enclosures provide you with the information you require. If you have any further queries, please do not hesitate to contact us.

Yours faithfully

A handwritten signature in black ink, appearing to read 'N. M.' followed by a stylized, scribbled signature.

Nick McKeon BSc Hons
Geotechnical Engineer
nick.mckeon@alburysi.co.uk

FOREWORD

The following notes should be read in conjunction with the report. Any variations on the general procedures outlined below are indicated in the text.

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General

The recommendations made and opinions expressed in the report are based on the strata conditions revealed by the fieldworks as indicated on the boring and trialpit records, together with an assessment of the data from insitu and laboratory tests. No responsibility can be accepted for conditions, which have not been revealed by the fieldworks, for example, between borehole and/or trialpit positions. While the report may offer opinions on the possible configuration of strata, both between the excavations and below the maximum depth achieved by the investigation, these comments are for guidance only and no liability can be accepted for their accuracy. For investigations, which include environmental issues, the data obtained relate to the conditions which are relevant at the time of the investigation.

Boring Techniques

Unless otherwise stated, the light cable percussion technique of soft ground boring has been used. This method generally enables the maximum information to be obtained in respect of strata conditions, but a degree of mixing of some layered soils, for example, thin bands of coarse and fine granular soils, is inevitable. Specific attention is drawn to this occurrence where evidence of such a condition is available.

The penetration resistances quoted on the boring records have been determined generally in accordance with the procedure given in BS1377:1990. The suffix '+' denotes that the result has been extrapolated from less than 0.3m penetration into undisturbed soil.

Routine Sampling

During construction of boreholes, sampling and insitu testing will be completed in general accordance with Eurocode EN 1997-2:2007 and BS5930:1999. Variations to this code of practice will only occur where the strata conditions preclude implementation or the contract specifies alternatives.

Samples which are required for environmental testing will be stored in suitable glass containers in accordance with current guidelines.

Groundwater

The groundwater observations entered on boring and trialpit records are those noted at the time of the investigation. The normal rate of progress does not usually permit the recording of any equilibrium water level for any one water strike. Moreover, groundwater levels are prone to seasonal variation and to changes in local drainage conditions. The table on each boring record shows the groundwater level at the quoted borehole and casing depths usually at the start and finish of a day's work. The word 'none' indicates that groundwater was sealed off by the borehole casing or that no water was observed in the borehole.

Trialpits

The method of construction employed to form the trialpits is entered in their records. In general, it is not possible to extend machine excavated trialpits to depths significantly below the water table, especially in predominantly granular soils. Except for manually excavated pits, and unless otherwise stated, the trialpits have not been provided with temporary side support during their construction, hence, personnel have not entered them and examined the insitu exposed strata.

Window Sampling

Window sampling comprises driving a probe into the ground. On extraction of the probe the strata encountered are logged and representative disturbed samples recovered. In general, window sampling cannot be completed in granular soils, or below the water table.


Laboratory Testing

Unless stated in the tests, all laboratory tests have been performed in accordance with the requirements detailed in BS1377 (1990): Parts 1-9, or other standards or specifications that may be appropriate.

Geotechnical and environmental testing specialists

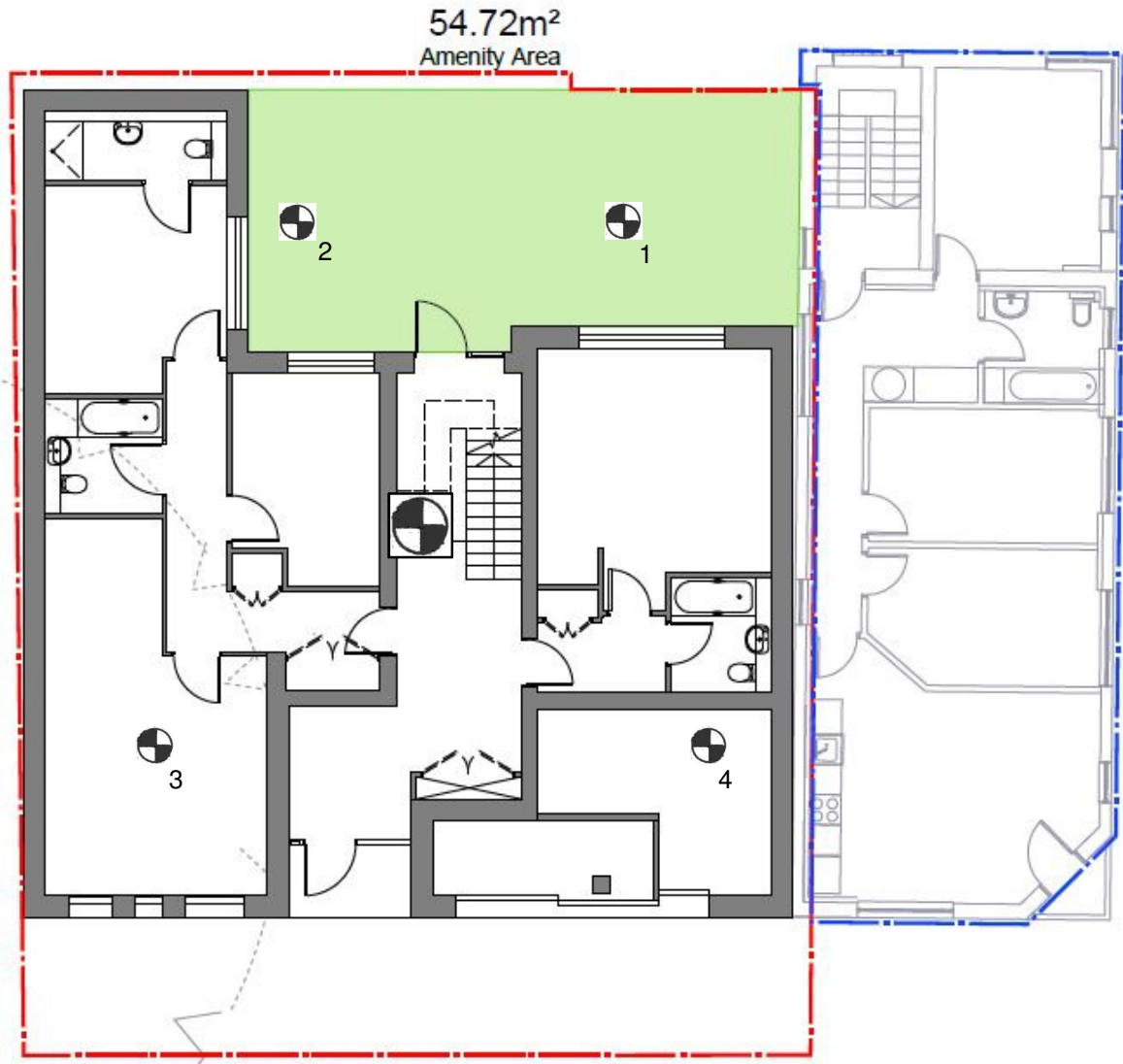
ORDER MANDATE FORM

To be signed by Client or signatory responsible for payment of invoice




Client Name	OPTICREALM LTD		
Invoicing Address	62 YORK WAY LONDON N1 9AG		
Telephone No	02072785619	Email Address	NICK@OPTICREALM.C O.UK
Registered Address (if different from above)			
Company Reg No	02839043	VAT No	942165038
Estimate Ref	14/10184/NAM further works		
Site Address	LAND ADJACENT TO 10 FERDINAND STREET LONDON NW1		
Your Order No	N/A		
<p>To be signed by the Client or signatory responsible for payment of invoice</p> <p>I hereby confirm acceptance of the estimate detailed above from Albury SI Ltd and agree to the Conditions of Tender</p> <p>Signed.....  Dated..... 07/01/2015</p> <p>Print Name..... NICK COULBURN Position in Company..... DIRECTOR</p>			

On receipt of this form duly completed the required works will be placed into programme
 Please return form to sales@alburysi.co.uk


K J Clark BSc Hons G C D Owens BSc MSc FGS
 Registered Office Beechey House, 87 Church Street, Crowthorne, Berkshire RG45 7AW
 Registered Number 2702786 England








Ground Floor Plan


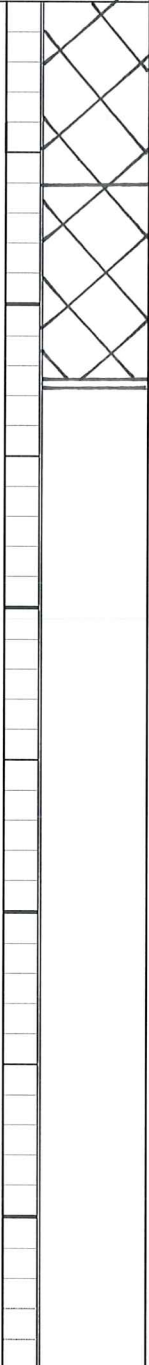
- Legend:**
-  Borehole
 -  Existing borehole (14/10184/NAM – Rev 2)
 -  Site Boundary


Title:	Site Plan
Dwg No:	14/10184/B/1
Drawn by:	NAM
Client:	OpticRealm
Site:	Ferdinand Street, Camden
Job Ref:	14/10184/B/NAM
Scale:	NTS
Revision:	B
Issue Date:	27/1/14

 **Albury S.I. Ltd**
 Miltons Yard, Petworth Road
 Witley, Surrey, GU8 5LH
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ALBURY S. I. Ltd Petworth Road Witley Surrey GU8 5LH 				Probehole 1	
Contract Ferdinand Street, Camden			Report 14/10184/B/NAM		
Client OpticRealm Developments			Date 13/1/2015		
Site Address 10 Fedinand Street, London NW1			Ground Level mOD		
Type of Excavator Window Sampler		Water level after completion, m dry			
Water Strikes, m 1 none 2	Pit Dimensions, m Length 0.06 Breadth 0.06	Ease of Excavation, m Very easy Difficult GL-1.25 Moderate Very hard			
Remarks					
Sample Type	Depth, m	Shear Strength kPa	Scale 40mm: 1m Depth	Legend	Description
D	0.10				Made ground (brown sandy clay with brick and gravel)
D	0.50				
D	1.00		0.90		Made ground (brown sandy clay with brick fragments)
			1.25		Obstruction

Sample Code: U – Intact 100 to 50mm Ø B - Large Disturbed D - Small Disturbed W - Water

ALBURY S. I. Ltd Petworth Road Witley Surrey GU8 5LH 		Probehole 2		
Contract Ferdinand Street, Camden		Report 14/10184/B/NAM		
Client OpticRealm Developments		Date 13/1/2015		
Site Address 10 Fedinand Street, London NW1		Ground Level mOD		
Type of Excavator	Window Sampler	Water level after completion, m	dry	
Water Strikes, m 1 none 2	Pit Dimensions, m Length 0.06 Breadth 0.06	Ease of Excavation, m Very easy Moderate Difficult GL-1.25 Very hard		
Remarks				
Sample Type	Depth, m	Shear Strength kPa	Scale 40mm: 1m Depth Legend	Description
D	0.10			Made ground (brown sandy clay with brick and gravel)
D	0.50			Made ground (brown sandy clay with brick fragments)
D	1.00			Obstruction

ALBURY S. I. Ltd Petworth Road Witley Surrey GU8 5LH 		Probehole 3	
Contract Ferdinand Street, Camden		Report 14/10184/B/NAM	
Client OpticRealm Developments		Date 13/1/2015	
Site Address 10 Fedinand Street, London NW1		Ground Level mOD	
Type of Excavator Window Sampler		Water level after completion, m dry	
Water Strikes, m 1 none 2		Ease of Excavation, m Very easy Moderate Difficult Very hard	
Pit Dimensions, m Length 0.06 Breathth 0.06		GL-1.70	
Remarks			
Sample Type	Depth, m	Shear Strength kPa	Description
D	0.10		Made ground (brown sandy clay with brick and gravel)
D	0.50		Made ground (brown sandy clay with pockets of crushed brick)
D	1.00		
D	1.50		Made ground (brown sandy clay with brick particles and gravel)
			Obstruction

Sample Code: U – Intact 100 to 50mm Ø B - Large Disturbed D - Small Disturbed W - Water



Contract Ferdinand Street, Camden

Report 14/10184/B/NAM

Client OpticRealm Developments

Date 13/1/2015

Site Address 10 Fedinand Street, London NW1

Ground Level mOD

Type of Excavator Window Sampler Water level after completion, m dry

Water Strikes, m	Pit Dimensions, m	Ease of Excavation, m	
1 none	Length 0.06	Very easy	Difficult GL-1.20
2	Breadth 0.06	Moderate 1.20-2.10	Very hard

Remarks

Sample Type	Depth, m	Shear Strength kPa	Scale 40mm: 1m Depth Legend	Description
D	0.10			Made ground (brown sandy clay with brick and gravel)
D	0.50			Made ground (brown sandy clay with brick and gravel)
D	1.00			Made ground (brown sandy clay with brick and gravel and occasional pockets of black silty sand)
D	1.25			Brown/grey mottled clay
D	1.50			
D	2.00			
				2.10



Scientific Analysis Laboratories Ltd

Certificate of Analysis

3 Crittall Drive
Springwood Industrial
Estate
Braintree
Essex
CM7 2RT
Tel : 01376 560120
Fax : 01376 552923

Scientific Analysis Laboratories is a
limited company registered in England and
Wales (No 2514788) whose address is at
Hadfield House, Hadfield Street, Manchester M16 9FE

Report Number: 448988-1

Date of Report: 23-Jan-2015

Customer: Albury S.I. Ltd
Miltons Yard
Petworth Road
Witley
Godalming
Surrey
GU8 5LH

Customer Contact: Mr Nick McKeon

Customer Job Reference: 14/10184/B/NAM
Customer Purchase Order: 10986
Customer Site Reference: Ferdinand Street
Date Job Received at SAL: 15-Jan-2015
Date Analysis Started: 16-Jan-2015
Date Analysis Completed: 23-Jan-2015

The results reported relate to samples received in the laboratory
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation
This report should not be reproduced except in full without the written approval of the laboratory
Tests covered by this certificate were conducted in accordance with SAL SOPs
All results have been reviewed in accordance with QP22



Report checked
and authorised by :
Miss Claire Brown
Customer Service Manager

Issued by :
Miss Claire Brown
Customer Service Manager

SAL Reference: 448988
 Project Site: Ferdinand Street
 Customer Reference: 14/10184/B/NAM

Soil
 Albury SI Suite 2

Analysed as Soil

SAL Reference					448988 001	448988 002	448988 003	448988 004
Customer Sample Reference					WS1 @ 0.1m	WS2 @ 0.1m	WS3 @ 0.1m	WS4 @ 0.1m
Date Sampled					13-JAN-2015	13-JAN-2015	13-JAN-2015	13-JAN-2015
Type					Sandy Soil	Sandy Soil	Sandy Soil	Sandy Soil
Determinand	Method	Test Sample	LOD	Units				
Arsenic	T257	A40	2	mg/kg	16	20	18	17
Beryllium	T245	A40	0.5	mg/kg	0.8	1.0	0.8	0.9
Boron (water-soluble)	T82	A40	1	mg/kg	<1	<1	<1	<1
Cadmium	T257	A40	0.1	mg/kg	0.3	0.3	0.3	0.3
Chromium	T257	A40	0.5	mg/kg	21	25	25	23
Copper	T257	A40	2	mg/kg	55	120	41	46
Lead	T257	A40	2	mg/kg	950	1000	470	1500
Manganese	T257	A40	10	mg/kg	260	250	260	250
Mercury	T245	A40	1.0	mg/kg	1.3	1.2	<1.0	1.1
Nickel	T257	A40	0.5	mg/kg	20	22	23	20
Selenium	T257	A40	3	mg/kg	<3	<3	<3	<3
Vanadium	T257	A40	0.1	mg/kg	40	50	48	45
Zinc	T257	A40	2	mg/kg	260	270	550	240
Asbestos ID	T27	A40			Asbestos not detected	Asbestos not detected	Asbestos not detected	Asbestos not detected
Chromium (trivalent)	T85	A40	2	mg/kg	21	25	25	23
Chromium VI	T82	A40	1	mg/kg	<1	<1	<1	<1
pH	T7	A40			8.4	8.1	8.9	8.6
(Water Soluble) SO4 expressed as SO4	T242	A40	0.01	g/l	1.3	1.4	1.6	1.5
SO4(Total)	T102	A40	0.02	%	0.54	0.48	0.62	0.46
Sulphide	T4	A40	10	mg/kg	<10	<10	<10	<10
Sulphur (total)	T6	A40	0.01	%	0.19	0.18	0.22	0.18
Total Organic Carbon	T21	A40	0.1	%	1.2	2.4	0.8	1.5
Cyanide(Total)	T4	AR	1	mg/kg	<1	<1	<1	<1
Phenols(Mono)	T221	AR	1.0	mg/kg	<1.0	<1.0	<1.0	<1.0
Moisture @ 105 C	T162	AR	0.1	%	18	9.3	15	18
Retained on 2mm	T2	A40	0.1	%	10.6	8.8	7.3	7.4



SAL Reference: 448988								
Project Site: Ferdinand Street								
Customer Reference: 14/10184/B/NAM								
Soil								
Analysed as Soil								
Total and Speciated USEPA16 PAH (SE) (MCERTS)								
SAL Reference		448988 001	448988 002	448988 003	448988 004			
Customer Sample Reference		WS1 @ 0.1m	WS2 @ 0.1m	WS3 @ 0.1m	WS4 @ 0.1m			
Date Sampled		13-JAN-2015	13-JAN-2015	13-JAN-2015	13-JAN-2015			
Type		Sandy Soil	Sandy Soil	Sandy Soil	Sandy Soil			
Determinand	Method	Test Sample	LOD	Units				
Naphthalene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
Acenaphthene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
Fluorene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
Phenanthrene	T16	AR	0.1	mg/kg	0.2	0.1	<0.1	<0.1
Anthracene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
Fluoranthene	T16	AR	0.1	mg/kg	0.4	<0.1	0.1	0.2
Pyrene	T16	AR	0.1	mg/kg	0.3	<0.1	<0.1	0.2
Benzo(a)Anthracene	T16	AR	0.1	mg/kg	0.2	<0.1	<0.1	<0.1
Chrysene	T16	AR	0.1	mg/kg	0.2	<0.1	<0.1	<0.1
Benzo(b)fluoranthene	T16	AR	0.1	mg/kg	0.2	<0.1	<0.1	<0.1
Benzo(k)fluoranthene	T16	AR	0.1	mg/kg	0.2	<0.1	<0.1	<0.1
Benzo(a)Pyrene	T16	AR	0.1	mg/kg	0.2	<0.1	<0.1	<0.1
Indeno(123-cd)Pyrene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
Dibenzo(ah)Anthracene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)Perylene	T16	AR	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1
PAH(total)	T16	AR	0.1	mg/kg	1.7	0.1	0.3	0.5

SAL Reference: 448988								
Project Site: Ferdinand Street								
Customer Reference: 14/10184/B/NAM								
Soil								
Analysed as Soil								
TPH (CWG) with MTBE & BTEX SE								
SAL Reference		448988 001	448988 002	448988 003	448988 004			
Customer Sample Reference		WS1 @ 0.1m	WS2 @ 0.1m	WS3 @ 0.1m	WS4 @ 0.1m			
Date Sampled		13-JAN-2015	13-JAN-2015	13-JAN-2015	13-JAN-2015			
Type		Sandy Soil	Sandy Soil	Sandy Soil	Sandy Soil			
Determinand	Method	Test Sample	LOD	Units				
Benzene	T209	AR	10	µg/kg	<10	<10	<10	<10
EthylBenzene	T209	AR	10	µg/kg	<10	<10	<10	<10
M/P Xylene	T209	AR	10	µg/kg	<10	<10	<10	<10
O Xylene	T209	AR	10	µg/kg	<10	<10	<10	<10
Toluene	T209	AR	10	µg/kg	<10	<10	<10	<10
Methyl tert-Butyl Ether	T209	AR	10	µg/kg	<10	<10	<10	<10
TPH (C5-C6 aliphatic)	T54	AR	0.10	mg/kg	<0.10	<0.10	<0.10	<0.10
TPH (C6-C7 aromatic)	T54	AR	0.10	mg/kg	<0.10	<0.10	<0.10	<0.10
TPH (C6-C8 aliphatic)	T54	AR	0.10	mg/kg	<0.10	<0.10	<0.10	<0.10
TPH (C7-C8 aromatic)	T54	AR	0.10	mg/kg	<0.10	<0.10	<0.10	<0.10
TPH (C8-C10 aliphatic)	T54	AR	0.10	mg/kg	<0.10	<0.10	<0.10	<0.10
TPH (C8-C10 aromatic)	T54	AR	0.10	mg/kg	<0.10	<0.10	<0.10	<0.10
TPH (C10-C12 aliphatic)	T219	AR	2	mg/kg	<2	<2	<2	<2
TPH (C10-C12 aromatic)	T219	AR	2	mg/kg	<2	<2	<2	<2
TPH (C12-C16 aliphatic)	T219	AR	2	mg/kg	<2	<2	<2	<2
TPH (C12-C16 aromatic)	T219	AR	2	mg/kg	<2	<2	<2	<2
TPH (C16-C21 aliphatic)	T219	AR	2	mg/kg	3	<2	<2	<2
TPH (C16-C21 aromatic)	T219	AR	2	mg/kg	3	<2	<2	<2
TPH (C21-C35 aliphatic)	T219	AR	2	mg/kg	7	<2	<2	<2
TPH (C21-C35 aromatic)	T219	AR	2	mg/kg	5	<2	<2	<2
TPH (Aliphatic+Aromatic) (sum)	T85	AR		mg/kg	18	<10	<10	<10

Index to symbols used in 448988-1

Value	Description
A40	Assisted dried < 40C
AR	As Received
W	Analysis was performed at another SAL laboratory
S	Analysis was subcontracted
M	Analysis is MCERTS accredited
U	Analysis is UKAS accredited
N	Analysis is not UKAS accredited

Notes

Retained on 2mm is removed before analysis
Reported results on as received samples are corrected to a 105 degree centigrade dry weight basis except TPH c5-c35 aromatic/aliphatic split
Sub contracted analysis performed by SAL Scotland & REC Asbestos Limited

Method Index

Value	Description
T54	GC/MS (Headspace)
T85	Calc
T242	2:1 Extraction/ICP/OES (TRL 447 T1)
T6	ICP/OES
T16	GC/MS
T21	OX/IR
T27	PLM
T257	ICP/OES (SIM) (Aqua Regia Extraction)
T162	Grav (1 Dec) (105 C)
T209	GC/MS(Head Space)(MCERTS)
T221	Colorimetry (CE)
T7	Probe
T2	Grav
T4	Colorimetry
T82	ICP/OES (Sim)
T219	GC/FID (SE)
T245	ICP/OES(Aqua Regia Extraction)
T102	ICP/OES (HCl extract)

Accreditation Summary

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Arsenic	T257	A40	2	mg/kg	M	001-004
Beryllium	T245	A40	0.5	mg/kg	U	001-004
Boron (water-soluble)	T82	A40	1	mg/kg	N	001-004
Cadmium	T257	A40	0.1	mg/kg	M	001-004
Chromium	T257	A40	0.5	mg/kg	M	001-004
Copper	T257	A40	2	mg/kg	M	001-004
Lead	T257	A40	2	mg/kg	M	001-004
Manganese	T257	A40	10	mg/kg	U	001-004
Mercury	T245	A40	1.0	mg/kg	U	001-004
Nickel	T257	A40	0.5	mg/kg	M	001-004
Selenium	T257	A40	3	mg/kg	U	001-004
Vanadium	T257	A40	0.1	mg/kg	U	001-004
Zinc	T257	A40	2	mg/kg	M	001-004
Asbestos ID	T27	A40			SU	001-004
Chromium (trivalent)	T85	A40	2	mg/kg	N	001-004
Chromium VI	T82	A40	1	mg/kg	N	001-004
pH	T7	A40			M	001-004
(Water Soluble) SO4 expressed as SO4	T242	A40	0.01	g/l	M	001-004
SO4(Total)	T102	A40	0.02	%	M	001-004
Sulphide	T4	A40	10	mg/kg	N	001-004
Sulphur (total)	T6	A40	0.01	%	M	001-004
Total Organic Carbon	T21	A40	0.1	%	WN	001-004
Cyanide(Total)	T4	AR	1	mg/kg	M	001-004
Phenols(Mono)	T221	AR	1.0	mg/kg	M	001-004
Moisture @ 105 C	T162	AR	0.1	%	N	001-004
Retained on 2mm	T2	A40	0.1	%	N	001-004
Naphthalene	T16	AR	0.1	mg/kg	U	001-004
Acenaphthylene	T16	AR	0.1	mg/kg	U	001-004

Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Acenaphthene	T16	AR	0.1	mg/kg	M	001-004
Fluorene	T16	AR	0.1	mg/kg	M	001-004
Phenanthrene	T16	AR	0.1	mg/kg	U	001-004
Anthracene	T16	AR	0.1	mg/kg	M	001-004
Fluoranthene	T16	AR	0.1	mg/kg	N	001-004
Pyrene	T16	AR	0.1	mg/kg	N	001-004
Benzo(a)Anthracene	T16	AR	0.1	mg/kg	M	001-004
Chrysene	T16	AR	0.1	mg/kg	M	001-004
Benzo(b)fluoranthene	T16	AR	0.1	mg/kg	U	001-004
Benzo(k)fluoranthene	T16	AR	0.1	mg/kg	N	001-004
Benzo(a)Pyrene	T16	AR	0.1	mg/kg	M	001-004
Indeno(123-cd)Pyrene	T16	AR	0.1	mg/kg	M	001-004
Dibenzo(ah)Anthracene	T16	AR	0.1	mg/kg	M	001-004
Benzo(ghi)Perylene	T16	AR	0.1	mg/kg	M	001-004
PAH(total)	T16	AR	0.1	mg/kg	U	001-004
Benzene	T209	AR	10	µg/kg	M	001-004
EthylBenzene	T209	AR	10	µg/kg	M	001-004
M/P Xylene	T209	AR	10	µg/kg	M	001-004
O Xylene	T209	AR	10	µg/kg	M	001-004
Toluene	T209	AR	10	µg/kg	M	001-004
Methyl tert-Butyl Ether	T209	AR	10	µg/kg	M	001-004
TPH (C5-C6 aliphatic)	T54	AR	0.10	mg/kg	N	001-004
TPH (C6-C7 aromatic)	T54	AR	0.10	mg/kg	N	001-004
TPH (C6-C8 aliphatic)	T54	AR	0.10	mg/kg	N	001-004
TPH (C7-C8 aromatic)	T54	AR	0.10	mg/kg	N	001-004
TPH (C8-C10 aliphatic)	T54	AR	0.10	mg/kg	N	001-004
TPH (C8-C10 aromatic)	T54	AR	0.10	mg/kg	N	001-004
TPH (C10-C12 aliphatic)	T219	AR	2	mg/kg	WN	001-004
TPH (C10-C12 aromatic)	T219	AR	2	mg/kg	WN	001-004
TPH (C12-C16 aliphatic)	T219	AR	2	mg/kg	WN	001-004
TPH (C12-C16 aromatic)	T219	AR	2	mg/kg	WN	001-004
TPH (C16-C21 aliphatic)	T219	AR	2	mg/kg	WN	001-004
TPH (C16-C21 aromatic)	T219	AR	2	mg/kg	WN	001-004
TPH (C21-C35 aliphatic)	T219	AR	2	mg/kg	WN	001-004
TPH (C21-C35 aromatic)	T219	AR	2	mg/kg	WN	001-004
TPH (Aliphatic+Aromatic) (sum)	T85	AR		mg/kg	N	001-004

