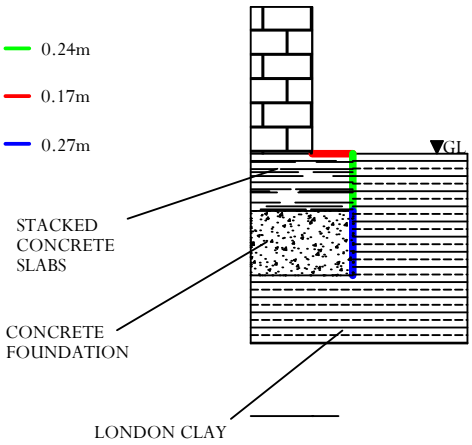
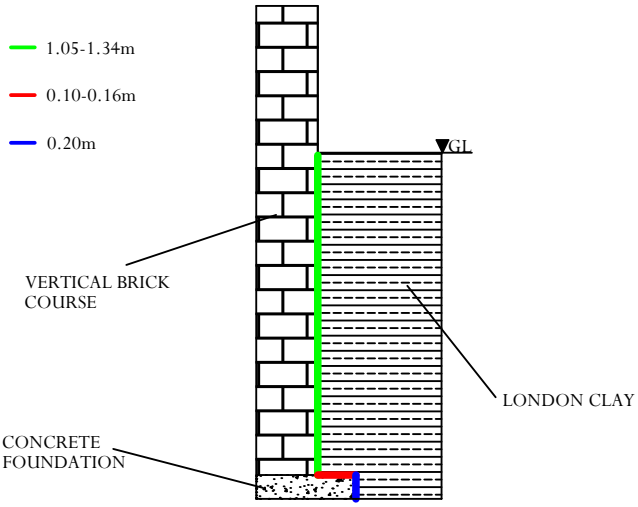
APPENDIX G

Site Specific Borehole Logs

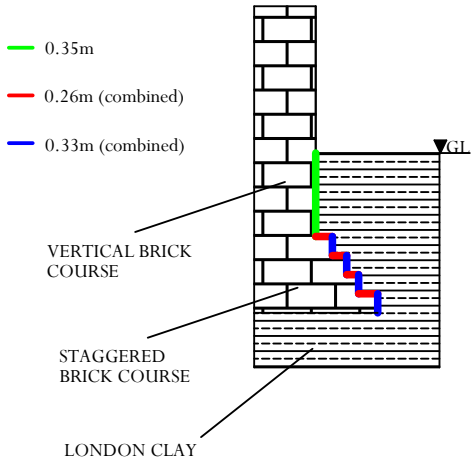
TP1-Eastern
Face No.15A



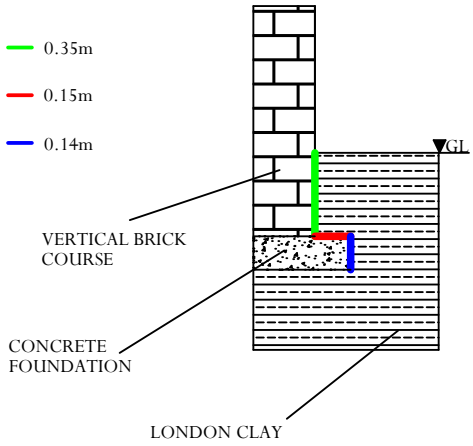
TP1-Southern
Face No.15



TP2-Western
Face No.15A



TP1-Southern
Face No.15A



Title: Foundation Exposures

Project: 15a Parliament Hill, London, NW3 2SY

Client: Gyoury Self Partnership

Appendix: G

Scale:	NTS
Drawn By:	BV
Approved By:	SB
Job No:	UK14.1639
Dwg No:	GyourySelf/ParliamentHill/0914/G
Date:	September 2014

Environmental Protection Strategies
Tel: 01954 710666
email: info@epstrategies.co.uk
www.epstrategies.co.uk

Borehole No **WS1**
Sheet 1 of 2

Project Name	Project No.	Co-ords: -	Hole Type
15A Parliament Hill	UK14.1639		WLS
Location: 15A Parliament Hill, Hampstead Heath, London, NW3 2SY		Level: -	Scale 1:20
Client: Gyoury Self Partnership		Dates: 20/08/2014	Logged By BV

Well	Water Strikes	Samples & In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description
					0.02			TOPSOIL (IMPORTED): Light brown slightly sandy silt.
		0.10-0.30	D					MADE GROUND: Light grey and brown crushed concrete with rare fine brick fragments. Rare organic material such as recently active and decayed fine rootlets noted
					0.45			MADE GROUND: Stiff orangey brown silty gravelly clay with occasional fine to coarse brick and clinker noted.
		0.40-0.80	D					
					1.00			Firm to stiff fissured dark yellowish brown silty clay with occasional silt partings (LC).
		1.20	IVN 1	164				
		1.00-1.50	D					
		1.50	IVN 2	148				
		1.80	IVN 3	200				
		1.80-2.00	D					
		2.20	IVN 4	128				
		2.50	IVN 5	122				
		2.80	IVN 6	102				
		2.80-3.00	D					
		3.20	IVN 7	84				
		3.50	IVN 8	108				
		3.80	IVN 9	115				
			Type	Results				Continued next sheet

Remarks: LC = London Clay

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Borehole No **WS1**
Sheet 2 of 2

Project Name	Project No.	Co-ords: -	Hole Type
15A Parliament Hill	UK14.1639		WLS
Location: 15A Parliament Hill, Hampstead Heath, London, NW3 2SY		Level: -	Scale 1:20
Client: Gyoury Self Partnership		Dates: 20/08/2014	Logged By BV

Well	Water Strikes	Samples & In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description
								Firm to stiff fissured dark yellowish brown silty clay with occasional silt partings (LC).
		4.20	IVN 10	147				
		4.50	IVN 11	141				
		4.80	IVN 12	131				
		4.80-5.00	D					
		5.20	IVN 13	111				
		5.50	IVN 14	114				
		5.80	IVN 15	124				
					6.00			End of Borehole at 6.00 m
			Type	Results				

Remarks: LC = London Clay

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Tel: 01954 710666
email: info@epstrategies.co.uk
www.epstrategies.co.uk

Borehole No **WS2**
Sheet 1 of 2

Project Name	Project No.	Co-ords: -	Hole Type
15A Parliament Hill	UK14.1639		WLS
Location: 15A Parliament Hill, Hampstead Heath, London, NW3 2SY		Level: -	Scale 1:20
Client: Gyoury Self Partnership		Dates: 20/08/2014	Logged By BV

Well	Water Strikes	Samples & In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description
					0.05			PAVING SLAB.
					0.10			MADE GROUND: Yellowish brown gravelly sand sub-base.
					0.20			MADE GROUND: Brick course.
					0.35			MADE GROUND: Dark brown gravelly sand with rare fine brick and concrete fragments.
								Firm to stiff fissured dark yellowish brown silty clay with occasional silt partings (LC).
		0.80	IVN 1	84				
		1.00-1.20	D					
		1.20	IVN 2	99				
		1.50	IVN 3	99				
		1.80	IVN 4	131				
		2.00-2.20	D					
		2.20	IVN 5	130				
		2.50	IVN 6	131				
		2.80	IVN 7	95				
		3.20	IVN 8	62				
		3.50	IVN 9	88				
		3.80	IVN 10	130				
			Type	Results				

Continued next sheet

Remarks: LC = London Clay

AGS

Environmental Protection Strategies
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email: info@epstrategies.co.uk
www.epstrategies.co.uk

Borehole No **WS2** Sheet 2 of 2

Project Name	Project No.	Co-ords: -	Hole Type
15A Parliament Hill	UK14.1639		WLS
Location: 15A Parliament Hill, Hampstead Heath, London, NW3 2SY		Level: -	Scale 1:20
Client: Gyoury Self Partnership		Dates: 20/08/2014	Logged By BV

Well	Water Strikes	Samples & In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description
		4.20	IVN 11	104				Firm to stiff fissured dark yellowish brown silty clay with occasional silt partings (LC).
		4.50	IVN 12	95				
		4.80	IVN 13	99				
	▽	5.00-5.10	D					Very sandy lense noted
		5.80-6.00	D					
					6.00			End of Borehole at 6.00 m
			Type	Results				

Remarks: LC = London Clay

AGS

APPENDIX H

Laboratory Results-Chemical

Jones Environmental Laboratory

Registered Address : Unit 3 Deeside Point, Zone 3, Deeside Industrial Park, Deeside, CH5 2UA. UK

Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

Tel: +44 (0) 1244 833780
Fax: +44 (0) 1244 833781

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Ben Virtue
Date :	4th September, 2014
Your reference :	UK14.1639
Our reference :	Test Report 14/9660 Batch 1
Location :	15A Parliament Hill
Date samples received :	27th August, 2014
Status :	Final report
Issue :	1

Four samples were received for analysis on 27th August, 2014. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Compiled By:

Paul Lee-Boden BSc
Project Manager

Bob Millward BSc FRSC
Principal Chemist

Client Name: EPS Ltd
Reference: UK14.1639
Location: 15A Parliament Hill
Contact: Ben Virtue
JE Job No.: 14/9660

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

J E Sample No.	1	2-4	5	6							LOD/LOR	Units	Method No.
Sample ID	WS1	WS1	WS1	WS2									
Depth	0.1-0.3	1.0-1.5	4.8-5.0	2.0-2.2									
COC No / misc													
Containers	J	V J T	J	J									
Sample Date	20/08/2014	20/08/2014	20/08/2014	20/08/2014									
Sample Type	Soil	Soil	Soil	Soil									
Batch Number	1	1	1	1									
Date of Receipt	27/08/2014	27/08/2014	27/08/2014	27/08/2014									
Arsenic #M	5.8	13.5	-	-							<0.5	mg/kg	TM30/PM15
Cadmium #M	<0.1	<0.1	-	-							<0.1	mg/kg	TM30/PM15
Chromium #M	32.1	75.7	-	-							<0.5	mg/kg	TM30/PM15
Copper #M	4	23	-	-							<1	mg/kg	TM30/PM15
Lead #M	16	19	-	-							<5	mg/kg	TM30/PM15
Mercury #M	<0.1	<0.1	-	-							<0.1	mg/kg	TM30/PM15
Nickel #M	11.1	52.9	-	-							<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	-	-							<1	mg/kg	TM30/PM15
Sulphur	-	0.41	0.58	0.04							<0.01	%	TM30/PM15
Total Sulphate #M	65	-	-	-							<50	mg/kg	TM50/PM15
Zinc #M	29	102	-	-							<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	-	-							<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	-	-							<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	<0.05	-	-							<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	<0.04	-	-							<0.04	mg/kg	TM4/PM8
Phenanthrene #M	<0.03	0.17	-	-							<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	<0.04	-	-							<0.04	mg/kg	TM4/PM8
Fluoranthene #M	0.05	0.19	-	-							<0.03	mg/kg	TM4/PM8
Pyrene #	0.05	0.15	-	-							<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	0.15	-	-							<0.06	mg/kg	TM4/PM8
Chrysene #M	0.04	0.09	-	-							<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	0.08	0.15	-	-							<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	0.04	0.09	-	-							<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	<0.04	<0.04	-	-							<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	<0.04	-	-							<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04	<0.04	-	-							<0.04	mg/kg	TM4/PM8
Coronene	-	<0.04	-	-							<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	1.0	-	-							<0.6	mg/kg	TM4/PM8
PAH 17 Total	-	0.99	-	-							<0.64	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.06	0.11	-	-							<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.02	0.04	-	-							<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	96	95	-	-							<0	%	TM4/PM8
EPH >C8-C10 #M	-	<5	-	-							<5	mg/kg	TM5/PM8
EPH >C10-C12 #M	-	<10	-	-							<10	mg/kg	TM5/PM8
EPH >C12-C16 #M	-	<10	-	-							<10	mg/kg	TM5/PM8
EPH >C16-C21 #M	-	<10	-	-							<10	mg/kg	TM5/PM8
EPH >C21-C25	-	<10	-	-							<10	mg/kg	TM5/PM8
EPH >C25-C35	-	<10	-	-							<10	mg/kg	TM5/PM8
EPH >C8-C35	-	<30	-	-							<30	mg/kg	TM5/PM8
Mineral Oil (C10-C40)	-	<30	-	-							<30	mg/kg	TM5/PM16

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK14.1639
Location: 15A Parliament Hill
Contact: Ben Virtue
JE Job No.: 14/9660

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

J E Sample No.	1	2-4	5	6							LOD/LOR	Units	Method No.
Sample ID	WS1	WS1	WS1	WS2									
Depth	0.1-0.3	1.0-1.5	4.8-5.0	2.0-2.2									
COC No / misc													
Containers	J	V J T	J	J									
Sample Date	20/08/2014	20/08/2014	20/08/2014	20/08/2014									
Sample Type	Soil	Soil	Soil	Soil									
Batch Number	1	1	1	1									
Date of Receipt	27/08/2014	27/08/2014	27/08/2014	27/08/2014									
GRO (>C5-C6) #M	-	<0.1	-	-							<0.1	mg/kg	TM36/PM12
GRO (>C6-C7)	-	<0.1	-	-							<0.1	mg/kg	TM36/PM12
GRO (>C7-C8)	-	<0.1	-	-							<0.1	mg/kg	TM36/PM12
GRO (>C8-C10) #M	-	<0.1	-	-							<0.1	mg/kg	TM36/PM12
GRO (>C5-C10)	-	<0.1	-	-							<0.1	mg/kg	TM36/PM12
MTBE #	-	<5	-	-							<5	ug/kg	TM31/PM12
Benzene #	-	<5	-	-							<5	ug/kg	TM31/PM12
Toluene #	-	<5	-	-							<5	ug/kg	TM31/PM12
Ethylbenzene #	-	<5	-	-							<5	ug/kg	TM31/PM12
m/p-Xylene #	-	<5	-	-							<5	ug/kg	TM31/PM12
o-Xylene #	-	<5	-	-							<5	ug/kg	TM31/PM12
PCB 28 #	-	<5	-	-							<5	ug/kg	TM17/PM8
PCB 52 #	-	<5	-	-							<5	ug/kg	TM17/PM8
PCB 101 #	-	<5	-	-							<5	ug/kg	TM17/PM8
PCB 118 #	-	<5	-	-							<5	ug/kg	TM17/PM8
PCB 138 #	-	<5	-	-							<5	ug/kg	TM17/PM8
PCB 153 #	-	<5	-	-							<5	ug/kg	TM17/PM8
PCB 180 #	-	<5	-	-							<5	ug/kg	TM17/PM8
Total 7 PCBs #	-	<35	-	-							<35	ug/kg	TM17/PM8
Total Phenols HPLC	<0.15	-	-	-							<0.15	mg/kg	TM26/PM21
Natural Moisture Content	2.6	22.1	-	-							<0.1	%	PM4/PM0
Hexavalent Chromium	<0.3	<0.3	-	-							<0.3	mg/kg	TM38/PM76
Sulphate as SO4 (2:1 Ext) #M	0.0140	1.8341	1.8340	0.4422							<0.0015	g/l	TM38/PM20
Total Cyanide #M	<0.5	-	-	-							<0.5	mg/kg	TM89/PM45
Total Organic Carbon #	-	0.22	-	-							<0.02	%	TM21/PM24
Organic Matter	0.7	-	-	-							<0.2	%	TM21/PM24
pH #M	7.39	7.66	7.46	7.62							<0.01	pH units	TM73/PM11
Sample Type	Sand	Clay	Clay	Clay								None	PM13/PM0
Sample Colour	Light Brown	Light Brown	Light Brown	Light Brown								None	PM13/PM0
Other Items	roots	NA	NA	stones								None	PM13/PM0
Mass of Dry Sample	54.2	43.1	-	-							<0.1	g	PM4/PM0

Please see attached notes for all abbreviations and acronyms

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	19.6
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	83.6
Particle Size <4mm =	>95%		

		Landfill Waste Acceptance Criteria Limits		
JEFL Job No	**14/9660**			
Sample No	**4**			
Client Sample No	**WS1**	**Inert Waste Landfill**	**Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill**	**Hazardous Waste Landfill**
Depth/Other	**1.0-1.5**			
Sample Date	**20/08/2014**			
Batch No	**1**			
Solid Waste Analysis				
Total Organic Carbon (%)	0.22	3	5	6
Loss on Ignition (%)	-	-	-	10
Sum of BTEX (mg/kg)	<0.025	6	-	-
Sum of 7 PCBs (mg/kg)	<0.035	1	-	-
Mineral Oil (mg/kg)	<30	500	-	-
PAH Sum of 17(mg/kg)	0.99	100	-	-
pH (pH Units)	7.66	-	>6	-
ANC to pH 7 (mol/kg)	-	-	to be evaluated	to be evaluated
ANC to pH 4 (mol/kg)	-	-	to be evaluated	to be evaluated

Eluate Analysis	**10:1 conc^{n} leached**		**Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg**		
	C_{10}	**A_{10}**			
	mg/l	**mg/kg**	**mg/kg**		
Arsenic	<0.0025	<0.025	0.5	2	25
Barium	0.019	0.19	20	100	300
Cadmium	<0.0005	<0.005	0.04	1	5
Chromium	<0.0015	<0.015	0.5	10	70
Copper	<0.007	<0.07	2	50	100
Mercury	<0.001	<0.01	0.01	0.2	2
Molybdenum	<0.002	<0.02	0.5	10	30
Nickel	<0.002	<0.02	0.4	10	40
Lead	<0.005	<0.05	0.5	10	50
Antimony	<0.002	<0.02	0.06	0.7	5
Selenium	<0.003	<0.03	0.1	0.5	7
Zinc	<0.003	<0.03	4	50	200
Chloride	4.8	48	800	15000	25000
Fluoride	0.7	7	10	150	500
Sulphate as SO4	843.47	8431.3	1000	20000	50000
Total Dissolved Solids	1549	15484	4000	60000	100000
Phenol	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	<2	<20	500	800	1000

Client Name: EPS Ltd
Reference: UK14.1639
Location: 15A Parliament Hill
Contact: Ben Virtue

Note:

Analysis was carried out in accordance with our documented in-house methods PM042 and TM065 and HSG 248 by Stereo and Polarised Light Microscopy using Dispersion Staining Techniques and is covered by our UKAS accreditation. Samples are retained for not less than 6 months from the date of analysis unless specifically requested.

Opinions lie outside the scope of our UKAS accreditation.

Where the sample is not taken by a Jones Environmental Laboratory consultant, Jones Environmental Laboratory cannot be responsible for inaccurate or unrepresentative sampling.

If asbestos fibres are reported at trace levels there will not be enough fibres to quantify and will be less than 0.001%.

Signed on behalf of Jones Environmental Laboratory:

Gemma Newsome
Asbestos Team Leader

J E Job No.	Batch	Sample ID	Depth	J E Sample No.	Date Of Analysis	Description	Asbestos Containing Material	Asbestos Results	Asbestos Level	Comments
14/9660	1	WS1	0.1-0.3	1	01/09/14	soil/stones	None	NAD	NAD	
14/9660	1	WS1	1.0-1.5	3	01/09/14	soil	None	NAD	NAD	

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

JE Job No.: 14/9660

SOILS

Please note we are only MCERTS accredited for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. If we are instructed to keep samples, a storage charge of £1 (1.5 Euros) per sample per month will be applied until we are asked to dispose of them.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

WATERS

Please note we are not a Drinking Water Inspectorate (DWI) Approved Laboratory . It is important that detection limits are carefully considered when requesting water analysis.

UKAS accreditation applies to surface water and groundwater and one other matrix which is analysis specific, any other liquids are outside our scope of accreditation

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

DEVIATING SAMPLES

Samples must be received in a condition appropriate to the requested analyses. All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. If this is not the case you will be informed and any test results that may be compromised highlighted on your deviating samples report.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.
Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

ABBREVIATIONS and ACRONYMS USED

#	UKAS accredited.
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
++	Result outside calibration range, results should be considered as indicative only and are not accredited.
*	Analysis subcontracted to a Jones Environmental approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
OC	Outside Calibration Range

JE Job No: 14/9660

Test Method No.	Description	Prep Method No. (if appropriate)	Description	UKAS	MCERTS (soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465 and BS1377.	PM0	No preparation is required.				
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465 and BS1377.	PM0	No preparation is required.			AR	Yes
TM4	16 PAH by GC-MS, modified USEPA 8270	PM8	In-house method based on USEPA 3510. ISO 17025 accredited extraction method for organic extraction from solid samples using an end over end agitator.			AR	Yes
TM4	16 PAH by GC-MS, modified USEPA 8270	PM8	In-house method based on USEPA 3510. ISO 17025 accredited extraction method for organic extraction from solid samples using an end over end agitator.	Yes		AR	Yes
TM4	16 PAH by GC-MS, modified USEPA 8270	PM8	In-house method based on USEPA 3510. ISO 17025 accredited extraction method for organic extraction from solid samples using an end over end agitator.	Yes	Yes	AR	Yes
TM5	In-House method based on USEPA 8015B. Determination of Extractable Petroleum Hydrocarbons (EPH) in the carbon chain length range of C8-40 by GC-FID. Accredited to ISO 17025 on soil and water samples and MCERTS (carbon banding only) on soils. All accreditation is matrix specific.	PM16	Aliphatic/Aromatic fractionation			AR	Yes
TM5	In-House method based on USEPA 8015B. Determination of Extractable Petroleum Hydrocarbons (EPH) in the carbon chain length range of C8-40 by GC-FID. Accredited to ISO 17025 on soil and water samples and MCERTS (carbon banding only) on soils. All accreditation is matrix specific.	PM8	In-house method based on USEPA 3510. ISO 17025 accredited extraction method for organic extraction from solid samples using an end over end agitator.			AR	Yes
TM5	In-House method based on USEPA 8015B. Determination of Extractable Petroleum Hydrocarbons (EPH) in the carbon chain length range of C8-40 by GC-FID. Accredited to ISO 17025 on soil and water samples and MCERTS (carbon banding only) on soils. All accreditation is matrix specific.	PM8	In-house method based on USEPA 3510. ISO 17025 accredited extraction method for organic extraction from solid samples using an end over end agitator.	Yes	Yes	AR	Yes
PM13	Soil Typing for MCERTS	PM0	No preparation is required.			AR	
TM17	PCB 7 Congeners and WHO 12 PCBs by GC-MS	PM8	In-house method based on USEPA 3510. ISO 17025 accredited extraction method for organic extraction from solid samples using an end over end agitator.	Yes		AR	Yes

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Test Method No.	Description	Prep Method No. (if appropriate)	Description	UKAS	MCERTS (soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM20	TDS, TSS and TS - gravimetric	PM0	No preparation is required.			AR	Yes
TM21	TOC and TC by Combustion	PM24	Eltra preparation			AD	Yes
TM21	TOC and TC by Combustion	PM24	Eltra preparation	Yes		AD	Yes
TM26	Phenols by HPLC	PM0	No preparation is required.			AR	Yes
TM26	Phenols by HPLC	PM21	Methanol : NaOH extraction			AR	Yes
TM27	In-House method based on USEPA 9056. Analysis of samples using a Dionex Ion-Chromatograph instrument.	PM0	No preparation is required.			AR	Yes
TM30	Trace Metal elements by ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry) using Thermo iCAP 6000 series instrument. Accredited to ISO 17025 for soils and waters and MCERTS accredited for Soils. All accreditation is matrix specific.	PM15	In-house method based on USEPA 3010A. Acid digestion of dried and crushed solid samples using Aqua Regia reflux.			AD	Yes
TM30	Trace Metal elements by ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry) using Thermo iCAP 6000 series instrument. Accredited to ISO 17025 for soils and waters and MCERTS accredited for Soils. All accreditation is matrix specific.	PM15	In-house method based on USEPA 3010A. Acid digestion of dried and crushed solid samples using Aqua Regia reflux.	Yes	Yes	AD	Yes
TM30	Trace Metal elements by ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry) using Thermo iCAP 6000 series instrument. Accredited to ISO 17025 for soils and waters and MCERTS accredited for Soils. All accreditation is matrix specific.	PM17	CEN PR12457-2 10:1 1 batch leach	Yes		AR	Yes
TM31	In-house method based on USEPA 8015B. Determination of Methyltertbutylether, Benzene, Toluene, Ethylbenzene and Xylene by headspace GC-FID. Accredited to ISO 17025 for soils and waters and MCERTS accredited for soils. Accreditation is matrix specific.	PM12	In-house method based on USEPA 5021. Preparation of solid and liquid samples for headspace analysis. Samples are spiked with surrogates to facilitate quantification. ISO 17025 accredited extraction method. All accreditation is matrix specific			AR	Yes

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Test Method No.	Description	Prep Method No. (if appropriate)	Description	UKAS	MCERTS (soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM31	In-house method based on USEPA 8015B. Determination of Methyltertbutylether, Benzene, Toluene, Ethylbenzene and Xylene by headspace GC-FID. Accredited to ISO 17025 for soils and waters and MCERTS accredited for soils. Accreditation is matrix specific.	PM12	In-house method based on USEPA 5021. Preparation of solid and liquid samples for headspace analysis. Samples are spiked with surrogates to facilitate quantification. ISO 17025 accredited extraction method. All accreditation is matrix specific	Yes		AR	Yes
TM36	In-House method based on USEPA 8015B. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C5-12 by headspace GC-FID. Accredited to ISO 17025 on soil and water samples and MCERTS accredited (carbon banding only) on soils. All accreditation is matrix specific.	PM12	In-house method based on USEPA 5021. Preparation of solid and liquid samples for headspace analysis. Samples are spiked with surrogates to facilitate quantification. ISO 17025 accredited extraction method. All accreditation is matrix specific			AR	Yes
TM36	In-House method based on USEPA 8015B. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C5-12 by headspace GC-FID. Accredited to ISO 17025 on soil and water samples and MCERTS accredited (carbon banding only) on soils. All accreditation is matrix specific.	PM12	In-house method based on USEPA 5021. Preparation of solid and liquid samples for headspace analysis. Samples are spiked with surrogates to facilitate quantification. ISO 17025 accredited extraction method. All accreditation is matrix specific	Yes	Yes	AR	Yes
TM38	Ionic analysis using the Thermo Aquakem Photometric Automatic Analyser. Accredited to ISO17025 and MCERTS for most analytes. All accreditation is matrix specific.	PM0	No preparation is required.	Yes		AR	Yes
TM38	Ionic analysis using the Thermo Aquakem Photometric Automatic Analyser. Accredited to ISO17025 and MCERTS for most analytes. All accreditation is matrix specific.	PM20	Solid samples are extracted with two parts de-ionised water to one part solid material for analysis of the extract for various parameters.	Yes	Yes	AD	Yes
TM38	Ionic analysis using the Thermo Aquakem Photometric Automatic Analyser. Accredited to ISO17025 and MCERTS for most analytes. All accreditation is matrix specific.	PM76	As received samples are extracted using Sodium Hydroxide			AR	Yes
TM50	Total Sulphate by ICP-OES	PM15	In-house method based on USEPA 3010A. Acid digestion of dried and crushed solid samples using Aqua Regia reflux.	Yes	Yes	AD	Yes
TM60	TOC/DOC by NDIR	PM0	No preparation is required.			AR	Yes
TM65	Asbestos Bulk Identification	PM42	Screening of soils for fibres			AR	
TM65	Asbestos Bulk Identification	PM42	Screening of soils for fibres	Yes		AR	

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Test Method No.	Description	Prep Method No. (if appropriate)	Description	UKAS	MCERTS (soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM73	pH in by Metrohm	PM11	1:2.5 soil/water extraction	Yes	Yes	AR	No
TM89	In-house method based on USEPA method OIA-1667. Determination of cyanide by Flow Injection Analyser. ISO17025 accredited method for soils and waters and MCERTS on soils. Accreditation is matrix specific.	PM45	Cyanide & Thiocyanate prep for soils	Yes	Yes	AR	Yes
NONE	No Method Code	PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465 and BS1377.			AR	