

Project No: 129-002824

Your Ref:

15th June 2023

Sandy Sutherland
NFC Homes Ltd
78 Pall Mall
London
SW1Y 5ES

Dear Sandy

Lealand Road, N15 6JS – Soil Validation

1.0 BACKGROUND

Mayer Environmental Ltd (MEL) was commissioned by NFC Homes Ltd (NFC) to submit for chemical analysis three imported topsoil samples from Lealand Road. It is understood that NFC requested the analysis to determine if the imported soils represented by the topsoil samples are satisfactory and meet the Imported Material testing parameters provided by NFC Homes (Appendix E of the Remediation Strategy prepared by Contaminated Land Solutions report ref 2061-P3E-1 dated 23 August 2021). The topsoil that required sampling and assessment had been placed in-situ and three individual samples were taken from across the site. Photographs of the samples collected are included with this letter report. A sample location plan was also provided to Mayer by NFC.

2.0 SAMPLING

An NFC operative collected the samples based on instructions provided by Mayer.

As instructed NFC collected three 'spot' samples from across the site and referenced them 'V1', 'V2' and 'V3'. The samples were sent to Mayer's office where sample descriptions were logged for the samples. The samples visually appeared homogeneous.

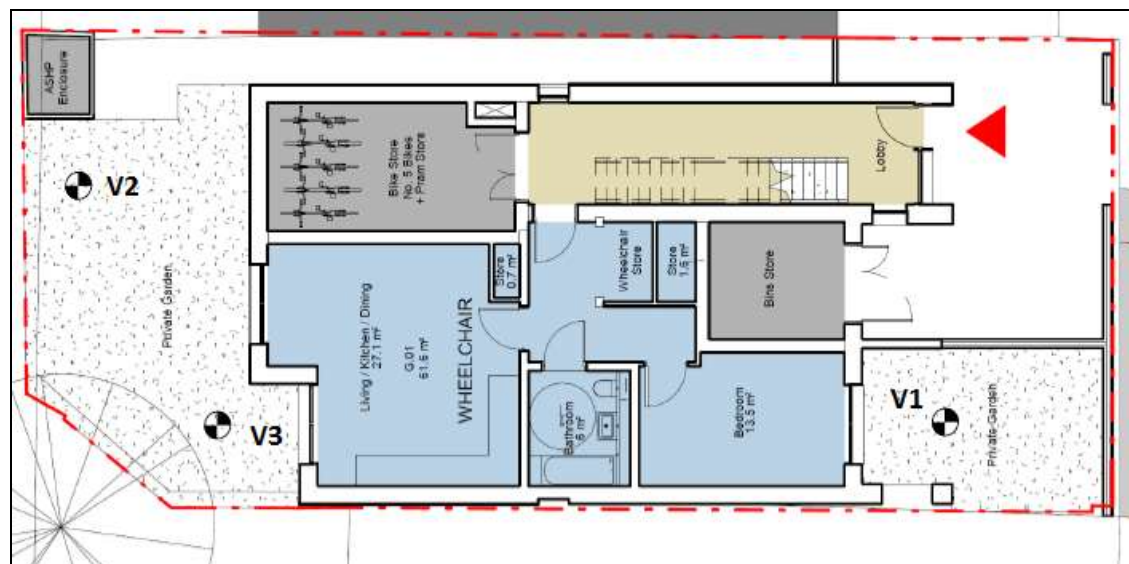
Table 1: Topsoil sample descriptions

Sample Reference	Sample Description
V1, V2, V3	Very dark brown slightly silty, slightly gravelly, sandy TOPSOIL. Gravel is fine, rounded to subrounded of flint. Frequent small fragments of organic matter noted.

The samples were collected in clean single use sample tubs and glassware. The samples were labelled with a unique sample location, site reference and sampling date.

Below is a site plan showing the locations of the three samples. Photographs of the sample locations provided by NFC are included in Appendix A.

Figure 1: Soil Sample Locations



3.0 CHEMICAL ANALYSIS

As requested by NFC, the three samples were submitted for an analysis suite in line with the analysis parameters in Appendix E, which included metals, polyaromatic hydrocarbons (PAHs), banded petroleum hydrocarbons and an asbestos screen.

Where applicable all analysis was undertaken by a MCERTs & UKAS accredited laboratory.

4.0 RESULTS OF ANALYSIS

4.1 SUITABLE FOR USE ASSESSMENT (ME2)

Available human health soil guidance relevant to residential with plant uptake end use has been used as an assessment tool within this section of the report. Soil screening values used include generic assessment criteria (GAC), Soil Guideline Values (SGVs), Suitable 4 Use Levels (S4ULs) and Category 4 Screening Level (C4SLs) where applicable. For ease, these values are generally referenced as GACs as a whole. A 6% soil organic matter (SOM) threshold has been assumed for organic determinands found within the sampled soils based on the analysis.

In the absence of published Tier 1 Screening Values and other suitable assessment criteria, comments on the significance of the results of analysis and our recommendations are based

on MEL Guidelines for the Assessment of Soil Quality and current UK good practice (please refer to Appendix A for an explanation).

4.1.1 Soluble Sulphates

The samples analysed reported soluble sulphate contents within class DS-1, according to BRE Special Digest 1 (SD1:2005) 'Concrete in aggressive ground'.

4.1.2 Asbestos

Asbestos was not identified in any of the samples screened.

4.1.3 Inorganic Determinands

None of the inorganic parameters analysed were reported at a concentration in excess of their respective SGVs, GACs, S4ULs and C4SLs for a residential with plant uptake end use.

4.1.4 Organic Determinands

None of the organic parameters analysed were reported at a concentration in excess of their respective SGVs, GACs, S4ULs and C4SLs for a residential with plant uptake end use.

5.0 CONCLUSIONS & RECOMMENDATIONS

The purpose of the analysis of the imported topsoil was to assess whether it is considered suitable for a residential end use.

Based on the parameters tested the imported topsoil would be considered suitable for use.

We trust this information meets your requirements. Please contact us if you need any further clarification on any of the matters raised.

Yours sincerely



Rebecca Beddard
Senior Environmental Consultant



David Pocklington
Principal Environmental Consultant

Enclosed Appendix A – Photographs
 Appendix B – Limitations
 Appendix C – Laboratory Certificates of Analysis
 Appendix D – Soil screening tables

Appendix A
Photographs

All Photos Provided by NFC Homes Ltd



Location of Sample V1



Location of Sample V2



Location of Sample V3

Appendix B
Limitations

This letter report is based on the available information and conditions detailed in Section 1 and 2 alone. On any site, and in particular on sites of potentially contaminative previous uses, soil/groundwater conditions can vary.

The letter report has been prepared on the basis of the information available and conditions apparent at the time of any site visit. All potential environmental constraints or liabilities associated with the conditions described may not have been revealed. The degree of uncertainty in interpreting a site's environmental condition will depend upon the site conditions encountered and scope of work authorised by the client. Some degree of uncertainty will always exist.

New information, change of practices and/or new legislation may require revised assessment of the conclusions and recommendations made.

Sampling undertaken, or information provided, by third parties has been used in good faith and is taken at face value. MEL cannot guarantee its suitability, accuracy or completeness; any errors in third party sampling/information provided may prejudice the conclusions and recommendations made.

This letter report has been prepared solely for the benefit of our client, NFC Homes Ltd, for the purpose of initially characterising the soils represented by the samples obtained.

No warranty is offered to any third party and no responsibility or liability will be accepted for any loss or damage in the event that this letter report is relied upon, either in its entirety or in part, by a third party or used in circumstances for which it was not originally intended. This report shall not be transferred to or relied upon by any other party without express written permission of MEL.

Appendix C
Laboratory Certificates of Analysis



2183

Final Report

Report No.: 23-18997-1

Initial Date of Issue: 13-Jun-2023

Re-Issue Details:

Client Mayer Environmental Ltd

Client Address: Transport Avenue
Brentford
TW8 9HA

Contact(s):

rebecca.beddard@mayer-enviro.com;
monitoring@mayer-enviro.com;
brendan.pittman@mayer-enviro.com

Project 129-002824 - Lealand Road -
Validation

Quotation No.: Q20-22081

Date Received: 06-Jun-2023

Order No.: 129005126

Date Instructed: 06-Jun-2023

No. of Samples: 3

Turnaround (Wkdays): 5

Results Due: 12-Jun-2023

Date Approved: 13-Jun-2023

Approved By:



Details: Stuart Henderson, Technical
Manager

Results - Soil

Project: 129-002824 - Lealand Road - Validation

Client: Mayer Environmental Ltd	Chemtest Job No.:				23-18997	23-18997	23-18997
Quotation No.: Q20-22081	Chemtest Sample ID.:				1651793	1651794	1651795
Order No.: 129005126	Client Sample Ref.:				1	2	3
	Client Sample ID.:				V1	V2	V3
	Sample Location:				Lealand Road	Lealand Road	Lealand Road
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0	0	0
	Bottom Depth (m):				0.6	0.6	0.6
	Date Sampled:				01-Jun-2023	01-Jun-2023	01-Jun-2023
	Time Sampled:				12:00	12:00	12:00
	Asbestos Lab:				DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD			
ACM Type	U	2192		N/A	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	20	27	20
pH	U	2010		4.0	8.4	8.3	8.1
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0	1200	2100	1400
Boron (Hot Water Soluble)	U	2120	mg/kg	0.40	0.84	2.1	1.7
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	0.051	0.22	0.21
Total Sulphur	U	2175	%	0.010	0.063	0.12	0.086
Cyanide (Total)	U	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	5.0	4.4	5.2
Arsenic	U	2455	mg/kg	0.5	11	9.0	13
Cadmium	U	2455	mg/kg	0.10	< 0.10	< 0.10	0.65
Chromium	U	2455	mg/kg	0.5	31	10	19
Copper	U	2455	mg/kg	0.50	18	12	26
Mercury	U	2455	mg/kg	0.05	0.05	0.05	0.12
Nickel	U	2455	mg/kg	0.50	14	6.1	13
Lead	U	2455	mg/kg	0.50	22	18	84
Selenium	U	2455	mg/kg	0.25	< 0.25	0.25	0.45
Zinc	U	2455	mg/kg	0.50	59	48	260
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Organic Matter	U	2625	%	0.40	12	15	7.9
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C21-C35	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: 129-002824 - Lealand Road - Validation

Client: Mayer Environmental Ltd	Chemtest Job No.:				23-18997	23-18997	23-18997
Quotation No.: Q20-22081	Chemtest Sample ID.:				1651793	1651794	1651795
Order No.: 129005126	Client Sample Ref.:				1	2	3
	Client Sample ID.:				V1	V2	V3
	Sample Location:				Lealand Road	Lealand Road	Lealand Road
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0	0	0
	Bottom Depth (m):				0.6	0.6	0.6
	Date Sampled:				01-Jun-2023	01-Jun-2023	01-Jun-2023
	Time Sampled:				12:00	12:00	12:00
	Asbestos Lab:				DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD			
Aromatic TPH >C12-C16	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C21-C35	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	< 10	< 10
Naphthalene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	2700	mg/kg	0.10	< 0.10	< 0.10	1.7
Pyrene	U	2700	mg/kg	0.10	< 0.10	< 0.10	1.5
Benzo[a]anthracene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Chrysene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	U	2700	mg/kg	2.0	< 2.0	< 2.0	3.2
Benzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Toluene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether	U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Total Phenols	U	2920	mg/kg	0.10	0.14	< 0.10	< 0.10

Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.

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"
SOP	Standard operating procedure
LOD	Limit of detection

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 30 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

Appendix D
Soil Screening Tables

Summary of Laboratory Analysis

Client : NFC Homes Ltd
Report Date : 15th June 2023
Job Details : Lealand Road

Client Ref: 129-002824
Our Ref:
Suite : Validation Suite

Sample Reference:	V1	V2	V3	GAC values (6% SOM)
Date Sampled:	01/06/2023	01/06/2023	01/06/2023	
Lab Ref:	1651793	1651794	1651795	

Parameter	Units	LOD							
pH	pH Units	N/A	8.4		8.3		8.1		-
Electrical Conductivity	µS/cm	10	1200		2100		1400		-
Total Cyanide	mg/kg	1.0	<0.5		<0.5		<0.5		-
Water Soluble Sulphate (2:1)	g/l	0.00125	0.051 [1]		0.22 [1]		0.21 [1]		-
Sulphide	mg/kg	1.0	5.0		4.4		5.2		-
Total Sulphur	mg/kg	50	0.063		0.12		0.09		-
Loss on Ignition @ 450°C	%	0.20	12.0		15.0		7.9		-
Total Phenols (monohydric)	mg/kg	1.0	0.14		<0.1		<0.1		-
Arsenic (aqua regia extractable)	mg/kg	1.0	11		9.0		13		37
Boron (water soluble)	mg/kg	0.20	0.8		2.1		17.0		290
Cadmium (aqua regia extractable)	mg/kg	0.20	<0.1		<0.1		0.65		11
Chromium (hexavalent)	mg/kg	4.0	<0.5		<0.5		<0.5		6
Chromium (aqua regia extractable)	mg/kg	1.0	31.0		10		19		910
Copper (aqua regia extractable)	mg/kg	1.0	18		12.0		26		2400
Lead (aqua regia extractable)	mg/kg	1.0	22		18		84		200
Mercury (aqua regia extractable)	mg/kg	0.30	0.05		0.05		0.12		40
Nickel (aqua regia extractable)	mg/kg	1.0	14.0		6.1		13		180
Selenium (aqua regia extractable)	mg/kg	1.0	<0.25		0.25		0.45		250
Zinc (aqua regia extractable)	mg/kg	1.0	59		48		260		3700
Asbestos in Soil	n/a	N/A	ND		ND		ND		ND

[1] Class DS-1 in accordance with BRE Special Digest 1 (SD1:2005)

LOD - Limit of Detection

ND - Not Detected

Proposed End Use of Site : **Residential with Plant Uptake**

Determinand in excess of Screening Criteria:



Determinand Below Screening Criteria:

To be interpreted in conjunction with the attached report.

Summary of Laboratory Analysis

Client : NFC Homes Ltd
Report Date : 15th June 2023
Job Details : Lealand Road

Client Ref: 129-002824
Our Ref:
Suite : Validation Suite

Sample Reference:	V1	V2	V3				GAC values (6% SOM)
Date Sampled:	01/06/2023	01/06/2023	01/06/2023				
Lab Ref:	1651793	1651794	1651795				

Parameter	Units								
Naphthalene	mg/kg	< 0.10		< 0.10		< 0.10			13.00
Acenaphthylene	mg/kg	< 0.10		< 0.10		< 0.10			920
Acenaphthene	mg/kg	< 0.10		< 0.10		< 0.10			1100
Fluorene	mg/kg	< 0.10		< 0.10		< 0.10			860
Phenanthrene	mg/kg	< 0.10		< 0.10		< 0.10			440
Anthracene	mg/kg	< 0.10		< 0.10		< 0.10			11000
Fluoranthene	mg/kg	< 0.10		< 0.10		1.7			890
Pyrene	mg/kg	< 0.10		< 0.10		1.5			2000
Benzo(a)anthracene	mg/kg	< 0.10		< 0.10		< 0.10			13
Chrysene	mg/kg	< 0.10		< 0.10		< 0.10			27
Benzo(b)fluoranthene	mg/kg	< 0.10		< 0.10		< 0.10			3.7
Benzo(k)fluoranthene	mg/kg	< 0.10		< 0.10		< 0.10			100
Benzo(a)pyrene	mg/kg	< 0.10		< 0.10		< 0.10			3
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.10		< 0.10		< 0.10			41
Dibenz(a,h)anthracene	mg/kg	< 0.10		< 0.10		< 0.10			0.3
Benzo(ghi)perylene	mg/kg	< 0.10		< 0.10		< 0.10			350
Speciated Total EPA-16 PAHs	mg/kg	< 2.0		< 2.0		3.2			-

[1] Class DS-1 in accordance with BRE Special Digest 1 (SD1:2005)

LOD - Limit of Detection

ND - Not Detected

Proposed End Use of Site : **Residential with Plant Uptake**

Determinand in excess of Screening Criteria:



Determinand Below Screening Criteria:

To be interpreted in conjunction with the attached report.

Summary of Laboratory Analysis

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Report Date : 15th June 2023
Job Details : Lealand Road

Client Ref : 129-002824
Our Ref :
Suite : Validation Suite

Sample Reference:	V1	V2	V3	GAC values (6% SOM)
Date Sampled:	01/06/2023	01/06/2023	01/06/2023	
Lab Ref:	1651793	1651794	1651795	

Parameter	Units	V1	V2	V3					
Benzene	mg/kg	<0.001	<0.001	<0.001				0.37	-
Toluene	mg/kg	<0.001	<0.001	<0.001				60	
Ethylbenzene	mg/kg	<0.001	<0.001	<0.001				260	
p & m-xylene	mg/kg	<0.001	<0.001	<0.001				310	
o-xylene	mg/kg	<0.001	<0.001	<0.001				330	
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	<0.001	<0.001	<0.001				160	
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	< 1.0	< 1.0	< 1.0				160	
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	< 1.0	< 1.0	< 1.0				530	
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	< 1.0	< 1.0	< 1.0				150	
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	< 1.0	< 1.0	< 1.0				760	
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	< 1.0	< 1.0	< 1.0				4300	
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	< 1.0	< 1.0	< 1.0				110000	
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	< 1.0	< 1.0	< 1.0				110000	
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	<5	<5	<5				-	
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	< 1.0	< 1.0	< 1.0				300	
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	< 1.0	< 1.0	< 1.0				660	
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	< 1.0	< 1.0	< 1.0				190	
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	< 1.0	< 1.0	< 1.0				380	
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	< 1.0	< 1.0	< 1.0				930	
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	< 1.0	< 1.0	< 1.0				1700	
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	< 1.0	< 1.0	< 1.0				1700	
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	<5	<5	<5				-	
TPH-CWG - Total Aromatic & Aliphatic	mg/kg	<10	<10	<10				1900	

LOD - Limit of Detection

Proposed end use of the site : **Residential with Plant Uptake**

Determinand in excess of GAC : 

Determinand below GAC : 

Blank cells denote there is no published GAC for the determinand. To be interpreted in conjunction.