



Plate 7: TP104 arisings.

Plate 8: TP104 excavation.

LMB

Ground Investigation
Land Contamination
Hydrogeology
Engineering Geology

Trial Pit Photographic Record

Project: Home
Bargains, Newport

Plates 7 & 8



Plate 9: TP105 arisings.



Plate 10: TP105 excavation.

APPENDICES

APPENDIX B CHEMICAL LABORATORY RESULTS

APPENDICES

SOIL

LMB Geosolutions Ltd
28 Dresden Road
London
United Kingdom
N19 3BD



4225



Attention : Philip Lewis
Date : 1st February, 2024
Your reference : LMB_HB Newport
Our reference : Test Report 24/698 Batch 1
Location : Home Bargains, Newport
Date samples received : 13th January, 2024
Status : Final Report
Issue : 202402010853

Forty five samples were received for analysis on 13th January, 2024 of which twelve were scheduled for analysis. 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.

The greenhouse gas emissions generated (in Carbon – Co2e) to obtain the results in this report are estimated as:

Scope 1&2 emissions - 19.548 kg of CO2

Scope 1&2&3 emissions - 46.197 kg of CO2

Authorised By:



Paul Boden BSc
Senior Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: LMB Geosolutions Ltd
Reference: LMB_HB Newport
Location: Home Bargains, Newport
Contact: Philip Lewis
EMT Job No: 24/698

Report : Solid

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

EMT Sample No.	28-30	37-39	64-66	70-72	85-87	97-99	100-102	109-111	112-114	Please see attached notes for all abbreviations and acronyms		
Sample ID	BH103	BH103	TP104	TP104	TP105	TP101	TP101	BH102	BH102			
Depth	0.45	2.00	0.40	1.70	2.70	0.40	0.90	0.50	1.50			
COC No / misc												
Containers	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T			
Sample Date	10/01/2024	10/01/2024	10/01/2024	10/01/2024	11/01/2024	11/01/2024	11/01/2024	11/01/2024	11/01/2024			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1			
Date of Receipt	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	LOD/LOR	Units	Method No.
Arsenic #	6.2	13.9	12.1	-	14.3	11.3	-	8.6	-	<0.5	mg/kg	TM30/PM15
Barium #	1904	132	598	-	94	872	-	1280	-	<1	mg/kg	TM30/PM15
Beryllium	1.3	1.8	2.1	-	1.7	1.5	-	0.8	-	<0.5	mg/kg	TM30/PM15
Cadmium #	3.5	<0.1	0.5	-	<0.1	1.4	-	2.0	-	<0.1	mg/kg	TM30/PM15
Chromium #	32.7	49.2	45.0	-	47.2	44.1	-	57.9	-	<0.5	mg/kg	TM30/PM15
Copper #	30	19	55	-	12	82	-	29	-	<1	mg/kg	TM30/PM15
Lead #	613	41	61	-	23	97	-	78	-	<5	mg/kg	TM30/PM15
Mercury #	<0.1	<0.1	<0.1	-	<0.1	0.1	-	<0.1	-	<0.1	mg/kg	TM30/PM15
Nickel #	13.6	35.9	23.4	-	33.5	22.9	-	19.6	-	<0.7	mg/kg	TM30/PM15
Selenium #	1	2	2	-	1	2	-	1	-	<1	mg/kg	TM30/PM15
Vanadium	37	59	38	-	53	36	-	32	-	<1	mg/kg	TM30/PM15
Water Soluble Boron #	1.1	2.5	1.3	-	1.8	0.5	-	2.0	-	<0.1	mg/kg	TM74/PM32
Zinc #	209	128	143	-	115	214	-	168	-	<5	mg/kg	TM30/PM15
Methyl Tertiary Butyl Ether #	<2	<2	<2 ^{SV}	-	<2	<2 ^{SV}	-	<2	-	<2	ug/kg	TM15/PM10
Benzene #	<3	<3	23 ^{SV}	-	<3	<3 ^{SV}	-	7	-	<3	ug/kg	TM15/PM10
Toluene #	8	6	30 ^{SV}	-	<3	6 ^{SV}	-	19	-	<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3 ^{SV}	-	<3	<3 ^{SV}	-	<3	-	<3	ug/kg	TM15/PM10
m/p-Xylene #	10	<5	39 ^{SV}	-	<5	13 ^{SV}	-	19	-	<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	8 ^{SV}	-	<3	<3 ^{SV}	-	5	-	<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	70	84	34 ^{SV}	-	86	41 ^{SV}	-	78	-	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	63	74	47 ^{SV}	-	83	46 ^{SV}	-	67	-	<0	%	TM15/PM10
TPH CWG												
Aliphatics												
>C5-C6 #	<0.1 ^{SV}	<0.1	<0.1 ^{SV}	-	<0.1	<0.1 ^{SV}	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>C6-C8 #	<0.1 ^{SV}	<0.1	<0.1 ^{SV}	-	<0.1	<0.1 ^{SV}	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>C8-C10	<0.1 ^{SV}	<0.1	<0.1 ^{SV}	-	<0.1	<0.1 ^{SV}	-	0.1	-	<0.1	mg/kg	TM36/PM12
>C10-C12 #	<0.2	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	-	<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 #	<4	<4	<4	-	<4	<4	-	8	-	<4	mg/kg	TM5/PM8/PM16
>C16-C21 #	21	<7	24	-	<7	25	-	38	-	<7	mg/kg	TM5/PM8/PM16
>C21-C35 #	332	21	163	-	<7	168	-	187	-	<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35	353	21	187	-	<19	193	-	233	-	<19	mg/kg	TM5/PM8/PM16/PM12/PM15
Aromatics												
>C5-EC7 #	<0.1 ^{SV}	<0.1	<0.1 ^{SV}	-	<0.1	<0.1 ^{SV}	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC7-EC8 #	<0.1 ^{SV}	<0.1	<0.1 ^{SV}	-	<0.1	<0.1 ^{SV}	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC8-EC10 #	<0.1 ^{SV}	<0.1	<0.1 ^{SV}	-	<0.1	<0.1 ^{SV}	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC10-EC12 #	<0.2	<0.2	<0.2	-	<0.2	<0.2	-	<0.2	-	<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 #	<4	<4	7	-	<4	9	-	12	-	<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 #	37	26	38	-	<7	51	-	57	-	<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 #	688	137	234	-	<7	263	-	325	-	<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 #	725	163	279	-	<19	323	-	394	-	<19	mg/kg	TM5/PM8/PM16/PM12/PM15
Total aliphatics and aromatics(C5-35)	1078	184	466	-	<38	516	-	627	-	<38	mg/kg	TM5/PM8/PM16/PM12/PM15

Element Materials Technology

Client Name: LMB Geosolutions Ltd
Reference: LMB_HB Newport
Location: Home Bargains, Newport
Contact: Philip Lewis
EMT Job No: 24/698

Report : Solid

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

[illegible]

Element Materials Technology

Client Name:	LMB Geosolutions Ltd	SVOC Report :	Solid
Reference:	LMB_HB Newport		
Location:	Home Bargains, Newport		
Contact:	Philip Lewis		
EMT Job No:	24/698		

SVOC Report : Solid

EMT Sample No.	28-30	37-39	64-66	85-87	97-99	109-111					Please see attached notes for all abbreviations and acronyms		
Sample ID	BH103	BH103	TP104	TP105	TP101	BH102							
Depth	0.45	2.00	0.40	2.70	0.40	0.50							
COC No / misc Containers	V J T	V J T	V J T	V J T	V J T	V J T							
Sample Date	10/01/2024	10/01/2024	10/01/2024	11/01/2024	11/01/2024	11/01/2024							
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil							
Batch Number	1	1	1	1	1	1					LOD/LOR	Units	Method No.
Date of Receipt	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024							
SVOC MS													
Phenols													
2-Chlorophenol #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Phenol #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2-Methylnaphthalene #	125 ⁺	<10 ⁺	391 ⁺	<10 ⁺	202 ⁺	614 ⁺					<10	ug/kg	TM16/PM8
Naphthalene	119	14	486	<10	250	550					<10	ug/kg	TM16/PM8
Acenaphthylene	33	<10	91	<10	78	104					<10	ug/kg	TM16/PM8
Acenaphthene	92	<10	240	<10	79	3817					<10	ug/kg	TM16/PM8
Fluorene	80	<10	251	<10	90	4481					<10	ug/kg	TM16/PM8
Phenanthrene #	620	50	2020	<10	722	25774					<10	ug/kg	TM16/PM8
Anthracene	148	14	624	<10	264	6279					<10	ug/kg	TM16/PM8
Fluoranthene #	786 ⁺	67 ⁺	3162 ⁺	<10 ⁺	1310 ⁺	26306 ⁺					<10	ug/kg	TM16/PM8
Pyrene #	637	54	2521	<10	1090	18376					<10	ug/kg	TM16/PM8
Benzo(a)anthracene	466	65	1702	<10	782	10055					<10	ug/kg	TM16/PM8
Chrysene	596	52	2058	<10	1006	11049					<10	ug/kg	TM16/PM8
Benzo(bk)fluoranthene	848	75	3497	<10	1613	15835					<10	ug/kg	TM16/PM8
Benzo(a)pyrene	430	37	1827	<10	790	8861					<10	ug/kg	TM16/PM8
Indeno(123cd)pyrene	191	16	870	<10	389	3882					<10	ug/kg	TM16/PM8
Dibenzo(ah)anthracene	82	<10	326	<10	130	1633					<10	ug/kg	TM16/PM8
Benzo(ghi)perylene	255	21	870	<10	389	3882					<10	ug/kg	TM16/PM8
Benzo(b)fluoranthene	611	54	2518	<10	1161	11401					<10	ug/kg	TM16/PM8
Benzo(k)fluoranthene	237	21	979	<10	452	4434					<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	114	<100	<100	<100	<100	<100					<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100	<100	<100					<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	146	198	<100	<100	<100	<100					<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100	<100	<100					<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100	<100	<100					<100	ug/kg	TM16/PM8
Dimethyl phthalate #	<100	<100	<100	<100	<100	<100					<100	ug/kg	TM16/PM8

Client Name: LMB Geosolutions Ltd
Reference: LMB_HB Newport
Location: Home Bargains, Newport
Contact: Philip Lewis
EMT Job No: 24/698

SVOC Report : Solid

EMT Sample No.	28-30	37-39	64-66	85-87	97-99	109-111					Please see attached notes for all abbreviations and acronyms		
Sample ID	BH103	BH103	TP104	TP105	TP101	BH102							
Depth	0.45	2.00	0.40	2.70	0.40	0.50							
COC No / misc													
Containers	V J T	V J T	V J T	V J T	V J T	V J T							
Sample Date	10/01/2024	10/01/2024	10/01/2024	11/01/2024	11/01/2024	11/01/2024							
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil							
Batch Number	1	1	1	1	1	1					LOD/LOR	Units	Method No.
Date of Receipt	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024							
SVOC MS													
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Carbazole	52	<10	317	<10	113	1983					<10	ug/kg	TM16/PM8
Dibenzofuran #	103	<10	276	<10	131	2056					<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Hexachlorobutadiene #	<10 ⁺	<10 ⁺	<10 ⁺	<10 ⁺	<10 ⁺	<10 ⁺					<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Isophorone #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Nitrobenzene #	<10	<10	<10	<10	<10	<10					<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	99	99	105	106	110	106					<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	100	99	110	107	115	111					<0	%	TM16/PM8

Element Materials Technology

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EMT Job No: 24/698

VOC Report : Solid

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Sample ID	BH103	BH103	TP104	TP105	TP101	BH102							
Depth	0.45	2.00	0.40	2.70	0.40	0.50							
COC No / misc													
Containers	V J T	V J T	V J T	V J T	V J T	V J T							
Sample Date	10/01/2024	10/01/2024	10/01/2024	11/01/2024	11/01/2024	11/01/2024							
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil							
Batch Number	1	1	1	1	1	1					LOD/LOR	Units	Method No.
Date of Receipt	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024	13/01/2024							
VOC MS													
Dichlorodifluoromethane	<2	<2	<2 ^{sv}	<2	<2 ^{sv}	<2					<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2 ^{sv}	<2	<2 ^{sv}	<2					<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2 ^{sv}	<2	<2 ^{sv}	<2					<2	ug/kg	TM15_VPM10
Bromomethane	<1	<1	<1 ^{sv}	<1	<1 ^{sv}	<1					<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2 ^{sv}	<2	<2 ^{sv}	<2					<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2 ^{sv}	<2	<2 ^{sv}	<2					<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6 ^{sv}	<6	<6 ^{sv}	<6					<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	10 ^{sv}	<7	<7 ^{sv}	<7					<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
Bromochloromethane #	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺					<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4 ⁺	<4 ⁺	<4 ⁺	<4 ⁺	<4 ⁺	<4 ⁺					<4	ug/kg	TM15/PM10
Benzene #	<3	<3	23 ^{sv}	<3	<3 ^{sv}	7					<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6 ^{sv}	<6	<6 ^{sv}	<6					<6	ug/kg	TM15/PM10
Dibromomethane #	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺					<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
Toluene #	8	6	30 ^{sv}	<3	6 ^{sv}	19					<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺	<3 ⁺					<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
m/p-Xylene #	10	<5	39 ^{sv}	<5	13 ^{sv}	19					<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	8 ^{sv}	<3	<3 ^{sv}	5					<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15_VPM10
Bromoform	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2 ^{sv}	<2	<2 ^{sv}	<2					<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	5	<3	6 ^{sv}	<3	<3 ^{sv}	4					<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3 ^{sv}	<3	<3 ^{sv}	<3					<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5 ^{sv}	<5	<5 ^{sv}	<5					<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	55	<6	11 ^{sv}	<6	<6 ^{sv}	18					<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
4-Isopropyltoluene	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
n-Butylbenzene	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7 ^{sv}	<7	<7 ^{sv}	<7					<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4 ^{sv}	<4	<4 ^{sv}	<4					<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	38 ^{sv}	<27	<27 ^{sv}	<27					<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7 ^{sv}	<7	<7 ^{sv}	<7					<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	70	84	34 ^{sv}	86	41 ^{sv}	78					<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	63	74	47 ^{sv}	83	46 ^{sv}	67					<0	%	TM15/PM10

Client Name: LMB Geosolutions Ltd
Reference: LMB_HB Newport
Location: Home Bargains, Newport
Contact: Philip Lewis

Note:

Asbestos Screen analysis is 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. Detailed Gravimetric Quantification and PCOM Fibre Analysis is carried out in accordance with our documented in-house methods PM042 and TM131 and HSG 248 using Stereo and Polarised Light Microscopy and Phase Contrast Optical Microscopy (PCOM). Asbestos sub-samples are retained for not less than 6 months from the date of analysis unless specifically requested.

The LOQ of the Asbestos Quantification is 0.001% dry fibre of dry mass of sample.

Where the sample is not taken by a Element Materials Technology consultant, Element Materials Technology cannot be responsible for inaccurate or unrepresentative sampling.

Where trace asbestos is reported the amount of asbestos will be <0.1%.

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analyst Name	Date Of Analysis	Analysis	Result
24/698	1	BH101	0.50	3	Charlotte Taylor	23/01/2024	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	23/01/2024	Asbestos Fibres	NAD
					Charlotte Taylor	23/01/2024	Asbestos ACM	NAD
					Charlotte Taylor	23/01/2024	Asbestos Type	NAD
24/698	1	BH103	0.45	30	Mathew Day	23/01/2024	General Description (Bulk Analysis)	stones, brick/cement debris
					Mathew Day	23/01/2024	Asbestos Fibres	Fibre Bundles
					Mathew Day	23/01/2024	Asbestos Fibres (2)	Free Fibres
					Mathew Day	23/01/2024	Asbestos ACM	NAD
					Mathew Day	23/01/2024	Asbestos ACM (2)	NAD
					Mathew Day	23/01/2024	Asbestos Type	Chrysotile
					Mathew Day	23/01/2024	Asbestos Type (2)	Amosite
					Catherine Coles	29/01/2024	Total ACM Gravimetric Quantification (% Asb)	<0.001 (mass %)
					Catherine Coles	29/01/2024	Total Detailed Gravimetric Quantification (% Asb)	<0.001 (mass %)
					Catherine Coles	29/01/2024	Total Gravimetric Quantification (ACM + Detailed) (% Asb)	<0.001 (mass %)
					Remigiusz Blichowski	29/01/2024	Asbestos PCOM Quantification (Fibres)	<0.001 (mass %)
					Remigiusz Blichowski	29/01/2024	Asbestos Gravimetric & PCOM Total	<0.001 (mass %)
24/698	1	BH103	1.60	36	Charlotte Taylor	23/01/2024	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	23/01/2024	Asbestos Fibres	NAD
					Charlotte Taylor	23/01/2024	Asbestos ACM	NAD
					Charlotte Taylor	23/01/2024	Asbestos Type	NAD
24/698	1	TP104	0.40	66	Anthony Carman	22/01/2024	General Description (Bulk Analysis)	Dark Brown Soil/Stones
					Anthony Carman	22/01/2024	Asbestos Fibres	NAD
					Anthony Carman	22/01/2024	Asbestos ACM	NAD
					Anthony Carman	22/01/2024	Asbestos Type	NAD
24/698	1	TP105	2.70	87	Catherine Coles	24/01/2024	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	24/01/2024	Asbestos Fibres	NAD
					Catherine Coles	24/01/2024	Asbestos ACM	NAD
					Catherine Coles	24/01/2024	Asbestos Type	NAD
24/698	1	TP102	0.50	90	Charlotte Taylor	23/01/2024	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	23/01/2024	Asbestos Fibres	NAD
					Charlotte Taylor	23/01/2024	Asbestos ACM	NAD
					Charlotte Taylor	23/01/2024	Asbestos Type	NAD

Client Name: LMB Geosolutions Ltd
Reference: LMB_HB Newport
Location: Home Bargains, Newport
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