

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Diben[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
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

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

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 EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ 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.

NEW_ASB	Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL
DURHAM	Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

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 - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

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.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

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



Appendix 06 - Trial Pit & Site Photographs



TP1 & TP2 Area



TP3 Area



TP1-1



TP2-1



TP2-2



TP3-1



TP3-2



Geotextile (deter-to-dig) Membrane



Water Pipe Installation Trench 01



Water Pipe Installation Trench 02



TP04



TP05



TP06



TP07



TP08



TP09

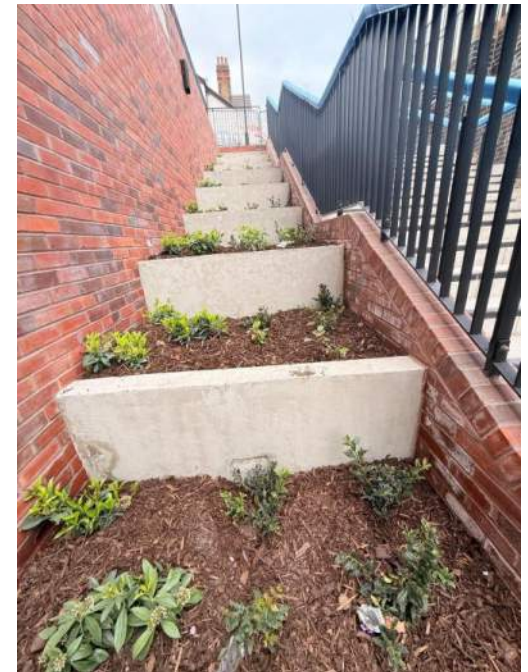


AREA 1





AREA 2





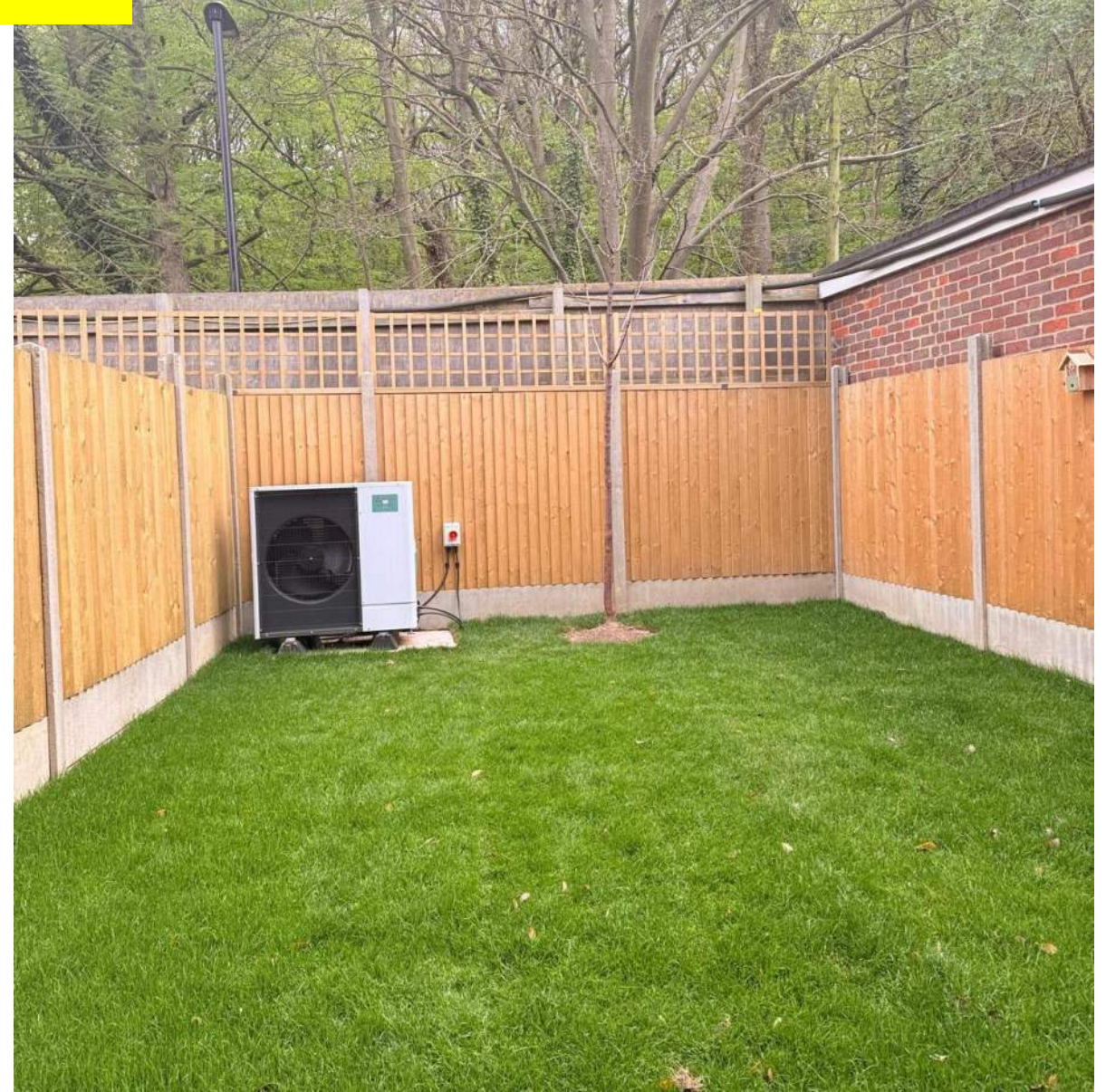
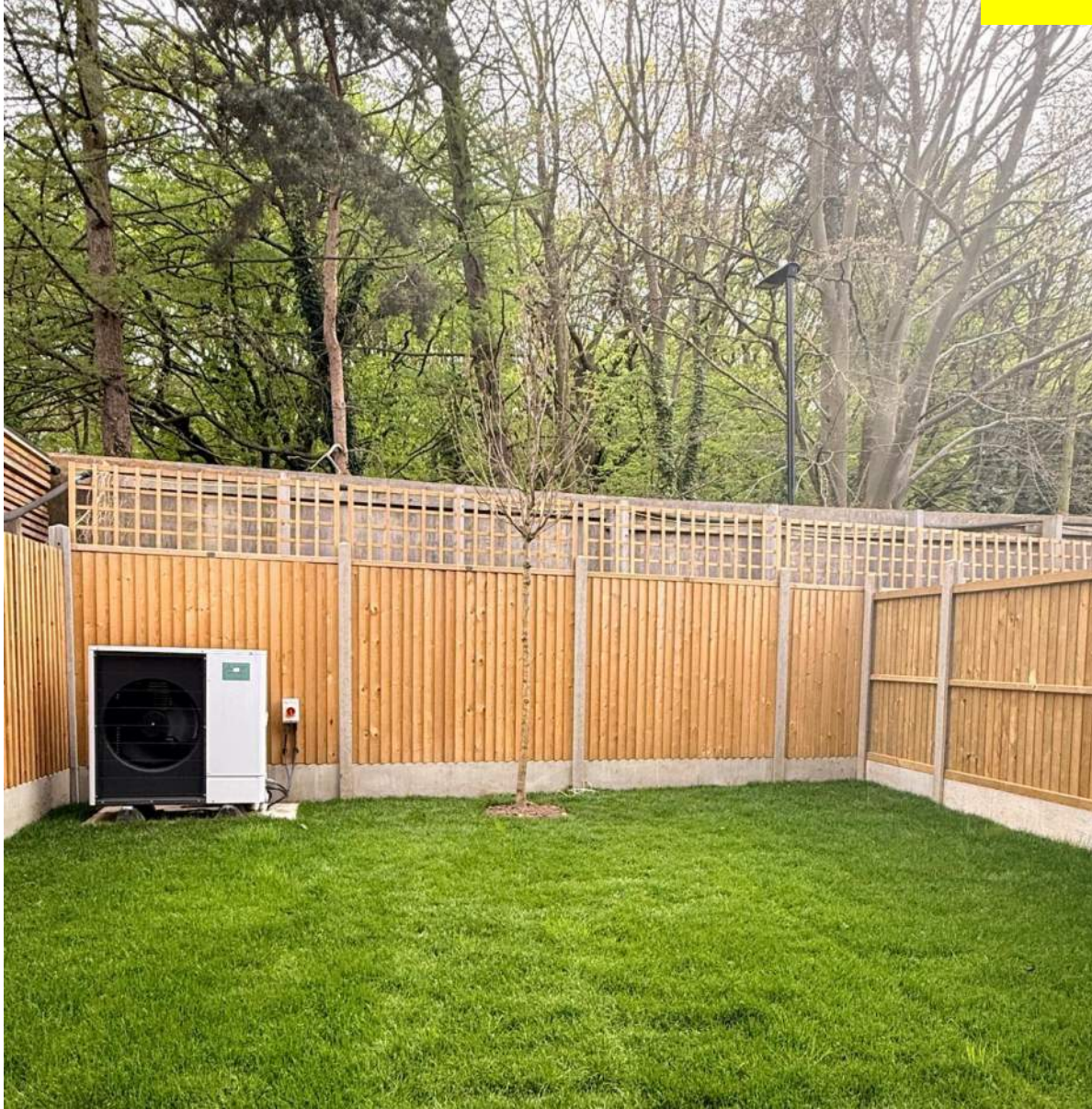
AREA 3



AREA 4



AREA 5





Appendix 07 - Soil Results Summary

Client	Konform
Site	Block C - Cranwood House, 100 Woodside Avenue
Job Reference	LQ1213
Date	28/08/2025
Site Use	Residential - Private Gardens

Key

All results are in mg/kg.

-	Not analysed/no GAC
888	Exceeds GAC
898	Above detection limit

Analytical Report Number: 25-045776

Project / Site name: Konform - Block C, Cranwood House

Your Order No: LQ1213-KON-AUG25

Lab Sample Number				GAC Residential No Plant End Use Limits	661642	661643	661644
Sample Reference					TP1	TP2	TP3
Sample Number					None Supplied	None Supplied	None Supplied
Water Matrix					N/A	N/A	N/A
Depth (m)					0.10-0.20	0.10-0.20	0.10-0.20
Date Sampled					28/08/2025	28/08/2025	28/08/2025
Time Taken					0930	0950	1010
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Method				

Stone Content	%	0.1	NONE	-	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	-	6.1	4.6	7.7
Total mass of sample received	kg	0.1	NONE	-	1.1	1	1.1

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	-	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	-	MBI	MBI	MBI
Analysis completed	N/A	N/A	N/A	-	02/09/2025	02/09/2025	02/09/2025

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	-	8	7.9	7.4
Total Cyanide	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	460	460	160
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-	232	230	81.2
Organic Matter (automated)	%	0.1	MCERTS	-	3.7	4.2	4.9

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	5.6	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	420	< 0.05	0.06	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	510	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	400	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	220	0.43	0.44	0.14
Anthracene	mg/kg	0.05	MCERTS	5400	0.08	0.11	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	560	1.2	1.2	0.37
Pyrene	mg/kg	0.05	MCERTS	1200	1.1	1.1	0.32
Benzo(a)anthracene	mg/kg	0.05	MCERTS	11	0.6	0.63	0.21
Chrysene	mg/kg	0.05	MCERTS	22	0.67	0.65	0.22
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	33	0.8	0.78	0.28
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	95	0.53	0.45	0.12
Benzo(a)pyrene	mg/kg	0.05	MCERTS	27	0.69	0.66	0.21
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	36	0.42	0.43	0.13
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.28	< 0.05	0.08	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	340	0.51	0.48	0.17

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	-	7.02	6.99	2.17
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Heavy Metals / Metalloids

Antimony (aqua regia extractable)	mg/kg	1	ISO 17025	550	2.6	2.4	2.1
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	37	7.7	7.9	7.9
Barium (aqua regia extractable)	mg/kg	1	MCERTS	1300	95	110	140
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	1.7	0.55	0.6	0.73
Boron (water soluble)	mg/kg	0.2	MCERTS	290	2.3	2.4	1.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	11	0.4	0.6	0.6
Chromium (hexavalent)	mg/kg	1.8	MCERTS	6.0	U/S ¹⁰⁵⁹ +	U/S ¹⁰⁵⁹ +	U/S ¹⁰⁵⁹ +
Chromium (VI) by IC	mg/kg	1.8	NONE	910	< 1.80	< 1.80	< 1.80
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	7100	11	27	1.6
Copper (aqua regia extractable)	mg/kg	1	MCERTS	310	35	36	35
Lead (aqua regia extractable)	mg/kg	1	MCERTS	200	70	67	39
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.2	< 0.3	< 0.3	< 0.3
Molybdenum (aqua regia extractable)	mg/kg	0.25	MCERTS	180	0.8	1.1	1.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	130	11	12	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	250	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	410	27	26	20
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	3700	80	110	110

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC5 HE_ID_AL	mg/kg	0.01	MCERTS	42	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC6 HE_ID_AL	mg/kg	0.01	MCERTS	100	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 HE_ID_AL	mg/kg	0.01	MCERTS	27	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 BE_ID_AL	mg/kg	1	MCERTS	130	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 BE_ID_AL	mg/kg	2	MCERTS	1100	< 2.0	< 2.0	3.4
TPHCWG - Aliphatic >EC16 - EC21 BE_ID_AL	mg/kg	8	MCERTS	65000	< 8.0	< 8.0	36
TPHCWG - Aliphatic >EC21 - EC35 BE_ID_AL	mg/kg	8	MCERTS	-	15	< 8.0	18
TPHCWG - Aliphatic >EC35 - EC40 BE_ID_AL	mg/kg	10	NONE	-	< 10	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC40 BE_ID_AL	mg/kg	10	NONE	-	15	< 10	59

TPHCWG - Aromatic >EC5 - EC7 HE_ID_AR	mg/kg	0.01	MCERTS	370	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 HE_ID_AR	mg/kg	0.01	MCERTS	860	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 HE_ID_AR	mg/kg	0.02	MCERTS	47	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 BE_ID_AR	mg/kg	1	MCERTS	250	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 BE_ID_AR	mg/kg	2	MCERTS	1800	< 2.0	< 2.0	6.5
TPHCWG - Aromatic >EC16 - EC21 BE_ID_AR	mg/kg	10	MCERTS	1900	< 10	< 10	1.2
TPHCWG - Aromatic >EC21 - EC35 BE_ID_AR	mg/kg	10	MCERTS	1900	24	18	14
TPHCWG - Aromatic >EC35 - EC40 BE_ID_AR	mg/kg	10	NONE	1900	< 10	< 10	< 10
TPHCWG - Aromatic >EC5 - EC40 BE_ID_AR	mg/kg	10	NONE	-	24	18	32

TPH Total >EC5 - EC40 BE_ID_AL	mg/kg	10	NONE	-	38	18	91
TPH Total >EC5 - EC40 BE_ID_AL	mg/kg	10	NONE	-	54	37	100

Petroleum Range Organics (EC5 - EC10) HE_ID_TOTAL	mg/kg	1	ISO 17025	-	< 1.0	< 1.0	< 1.0
TPH (EC10 - EC40) BE_ID_AL	mg/kg	10	MCERTS	500	54	37	100

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	73	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	0.38	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	880	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	83	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	79	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	88	< 5.0	< 5.0	< 5.0

Client	Konform
Site	Block C - Cranwood House, 100 Woodside Avenue
Job Reference	LQ1213
Date	07/04/2026
Site Use	Residential - Private Gardens

Key

-	Not analysed/no GAC
888	Exceeds GAC
888	Above detection limit

Analytical Report Number: 26-014011

Project / Site name: Konform - Cranwood House

Your Order No: LQ1213-Kon-Mar26

Lab Sample Number								
Sample Reference								
Sample Number								
Water Matrix								
Depth (m)								
Date Sampled								
Time Taken								
Analytical Parameter (Soil Analysis)	Units	Total mass of detected	Accreditation Status	Test Status				

Stone Content	%	0.1	NONE	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	-	24	24	24	24	25
Total mass of sample received	kg	0.1	NONE	-	0.7	0.7	0.8	0.8	0.7

Asbestos									
Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	-	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	-	MUN	DSA	DSA	KJK	PDIO
Analysis completed	N/A	N/A	N/A	-	25/03/2026	25/03/2026	25/03/2026	25/03/2026	25/03/2026

General Inorganics									
pH (0.99)	pH Units	N/A	MCERTS	-	7.3	7.5	7.9	7.8	7.8
Total Cyanide	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	1700	1600	1700	2100	1700
Water Soluble SO ₄ 16hr extraction (2:1) Leachate Equivalent	mg/l	1.25	MCERTS	-	826	810	854	1070	859
Organic Matter (automated)	%	0.1	MCERTS	-	6.2	6.8	6.9	8.8	6.8

Speciated PAHs									
Naphthalene	mg/kg	0.05	MCERTS	5.6	< 0.05	< 0.05	0.09	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	400	< 0.05	< 0.05	0.09	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	510	< 0.05	0.06	0.06	0.07	0.06
Fluorene	mg/kg	0.05	MCERTS	400	< 0.05	0.05	0.08	0.07	0.06
Phenanthrene	mg/kg	0.05	MCERTS	220	0.31	0.39	1.6	0.55	0.42
Anthracene	mg/kg	0.05	MCERTS	5400	0.08	0.18	0.28	0.18	0.13
Fluoranthene	mg/kg	0.05	MCERTS	590	0.83	1.5	3.2	1.5	1.3
Pyrene	mg/kg	0.05	MCERTS	1200	0.77	1.3	2.6	1.4	1.2
Benzo(a)anthracene	mg/kg	0.05	MCERTS	11	0.46	0.79	1.5	0.92	0.8
Chrysene	mg/kg	0.05	MCERTS	22	0.47	0.71	1.3	0.77	0.71
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	3.3	0.75	1.1	1.9	1.2	1.2
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	93	0.26	0.4	0.67	0.42	0.36
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.7	0.5	0.84	1.5	0.91	0.93
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	36	0.34	0.48	0.77	0.49	0.51
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.28	0.08	0.12	0.2	0.13	0.14
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	340	0.34	0.5	0.86	0.55	0.57

Total PAH									
Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	-	5.18	8.63	16.7	9.14	8.38

Heavy Metals / Metalloids									
Antimony (aqua regia extractable)	mg/kg	1	ISO 17025	560	4.2	4.2	3.1	3.9	5.1
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	27	1.3	1.3	1.1	1.3	1.9
Barium (aqua regia extractable)	mg/kg	1	MCERTS	1300	93	100	96	87	93
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	17	0.62	0.62	0.58	0.63	0.53
Boron (water soluble)	mg/kg	0.2	MCERTS	290	4.4	3.7	5.3	5.6	4.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	11	0.3	0.3	0.2	0.2	0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	6.0	U/S ^{100%}	U/S ^{100%}	U/S ^{100%}	U/S ^{100%}	U/S ^{100%}
Chromium (hexavalent) by IC	mg/kg	1.8	NONE	910	< 1.80	< 1.80	< 1.80	< 1.80	< 1.80
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	7100	21	21	21	20	20
Copper (aqua regia extractable)	mg/kg	1	MCERTS	310	32	33	29	29	34
Lead (aqua regia extractable)	mg/kg	1	MCERTS	200	71	73	60	70	84
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	12	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Molybdenum (aqua regia extractable)	mg/kg	0.25	MCERTS	180	1.5	1.2	1.1	1.2	0.98
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	130	16	16	14	16	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	250	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	410	33	33	31	32	27
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	3700	128	128	110	128	126

Petroleum Hydrocarbons									
TPHCWG - Aliphatic > EC5 - EC8 _{HE,SD,AL}	mg/kg	0.01	MCERTS	42	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic > EC6 - EC8 _{HE,SD,AL}	mg/kg	0.01	MCERTS	100	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic > EC8 - EC10 _{HE,SD,AL}	mg/kg	0.01	MCERTS	27	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic > EC10 - EC12 _{BE,CU,SD,AL}	mg/kg	1	MCERTS	130	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic > EC12 - EC16 _{BE,CU,SD,AL}	mg/kg	2	MCERTS	1100	< 2.0	5.2	3.2	3.2	3
TPHCWG - Aliphatic > EC16 - EC21 _{BE,CU,SD,AL}	mg/kg	8	MCERTS	65000	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic > EC21 - EC35 _{BE,CU,SD,AL}	mg/kg	8	MCERTS	-	21	42	39	43	48
TPHCWG - Aliphatic > EC35 - EC40 _{BE,CU,SD,AL}	mg/kg	10	NONE	-	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic > EC5 - EC35 _{BE,CU,HE,SD,AL}	mg/kg	10	NONE	-	21	47	42	46	51
TPHCWG - Aliphatic > EC5 - EC40 _{BE,CU,HE,SD,AL}	mg/kg	10	NONE	-	21	47	42	46	51

TPHCWG - Aromatic > EC5 - EC7 _{HE,SD,AR}	mg/kg	0.01	MCERTS	370	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic > EC7 - EC8 _{HE,SD,AR}	mg/kg	0.01	MCERTS	860	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic > EC8 - EC10 _{HE,SD,AR}	mg/kg	0.02	MCERTS	47	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic > EC10 - EC12 _{BE,CU,SD,AR}	mg/kg	1	MCERTS	250	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic > EC12 - EC16 _{BE,CU,SD,AR}	mg/kg	2	MCERTS	1800	< 2.0	< 2.0	< 2.0	< 2.0	6.5
TPHCWG - Aromatic > EC16 - EC21 _{BE,CU,SD,AR}	mg/kg	10	MCERTS	1900	< 10	< 10	< 10	< 10	17
TPHCWG - Aromatic > EC21 - EC35 _{BE,CU,SD,AR}	mg/kg	10	MCERTS	1900	15	39	25	41	65
TPHCWG - Aromatic > EC35 - EC40 _{BE,CU,SD,AR}	mg/kg	10	NONE	1900	< 10	17	10	21	27
TPHCWG - Aromatic > EC5 - EC35 _{BE,CU,HE,SD,AR}	mg/kg	10	NONE	-	15	30	25	41	89
TPHCWG - Aromatic > EC5 - EC40 _{BE,CU,HE,SD,AR}	mg/kg	10	NONE	-	15	47	35	62	120

TPH Total > EC5 - EC40 _{BE,CU,HE,SD,TOTAL}	mg/kg	10	NONE	-	36	95	77	110	170
TPH Total > EC6 - EC40 _{BE,CU,HE,SD,TOTAL}	mg/kg	10	NONE	-	47	120	94	130	180

Petroleum Range Organics (EC6 - EC10) _{HE,SD,TOTAL}	mg/kg	1	ISO 17025	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH (EC10 - EC40) _{BE,CU,SD,TOTAL}	mg/kg	10	MCERTS	500	47	120	94	130	180

VOCs									
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	73	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	0.38	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	880	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	83	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	79	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	88	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0



Appendix 08 – Laboratory Certificates

Kalex Ltd
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SG11 2DG

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e: reports@kalex.co.uk

Analytical Report Number : 25-045776

Project / Site name:	Konform - Block C, Cranwood House	Samples received on:	28/08/2025
Your job number:	100 WOODSIDE AVENUE, MUSWELL HILL, N10 3JA	Samples instructed on/ Analysis started on:	28/08/2025
Your order number:	LQ1213-KON-AUG25	Analysis completed by:	03/09/2025
Report Issue Number:	1	Report issued on:	03/09/2025
Samples Analysed:	1 soil sample		



Signed:

Anna Goc
PL Head of Reporting Team
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :	soils	- 4 weeks from reporting
	leachates	- 2 weeks from reporting
	waters	- 2 weeks from reporting
	asbestos	- 6 months from reporting
	air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-045776
 Project / Site name: Konform - Block C, Cranwood House
 Your Order No: LQ1213-KON-AUG25

Lab Sample Number				661642
Sample Reference				TP1
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				0.10-0.20
Date Sampled				28/08/2025
Time Taken				0930
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	6.1
Total mass of sample received	kg	0.1	NONE	1.1

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	MBI
Analysis completed	N/A	N/A	N/A	02/09/2025

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	8
Total Cyanide	mg/kg	1	MCERTS	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	460
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	232
Organic Matter (automated)	%	0.1	MCERTS	3.7

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.43
Anthracene	mg/kg	0.05	MCERTS	0.08
Fluoranthene	mg/kg	0.05	MCERTS	1.2
Pyrene	mg/kg	0.05	MCERTS	1.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.6
Chrysene	mg/kg	0.05	MCERTS	0.67
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.8
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.53
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.69
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.42
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.51

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	7.02
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Analytical Report Number: 25-045776
 Project / Site name: Konform - Block C, Cranwood House
 Your Order No: LQ1213-KON-AUG25

Lab Sample Number				661642
Sample Reference				TP1
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				0.10-0.20
Date Sampled				28/08/2025
Time Taken				0930
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Heavy Metals / Metalloids

Antimony (aqua regia extractable)	mg/kg	1	ISO 17025	2.6
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.7
Barium (aqua regia extractable)	mg/kg	1	MCERTS	85
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.55
Boron (water soluble)	mg/kg	0.2	MCERTS	2.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	U/S ^{*U/S g}
Chromium (VI) by IC	mg/kg	1.8	NONE	< 1.80
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	31
Copper (aqua regia extractable)	mg/kg	1	MCERTS	35
Lead (aqua regia extractable)	mg/kg	1	MCERTS	70
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3
Molybdenum (aqua regia extractable)	mg/kg	0.25	MCERTS	0.8
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	11
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	27
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	90

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	15
TPHCWG - Aliphatic >EC35 - EC40 EH_CU_ID_AL	mg/kg	10	NONE	< 10
TPHCWG - Aliphatic >EC5 - EC40 EH_CU+HS_ID_AL	mg/kg	10	NONE	15

TPHCWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.01	MCERTS	< 0.010
TPHCWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.02	MCERTS	< 0.020
TPHCWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0
TPHCWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	< 2.0
TPHCWG - Aromatic >EC16 - EC21 EH_CU_ID_AR	mg/kg	10	MCERTS	< 10
TPHCWG - Aromatic >EC21 - EC35 EH_CU_ID_AR	mg/kg	10	MCERTS	24
TPHCWG - Aromatic >EC35 - EC40 EH_CU_ID_AR	mg/kg	10	NONE	< 10
TPHCWG - Aromatic >EC5 - EC40 EH_CU+HS_ID_AR	mg/kg	10	NONE	24

TPH Total >EC5 - EC40 EH_CU+HS_ID_TOTAL	mg/kg	10	NONE	38
TPH Total >EC6 - EC40 EH_CU+HS_ID_TOTAL	mg/kg	10	NONE	54

Petroleum Range Organics (EC6 - EC10) HS_ID_TOTAL	mg/kg	1	ISO 17025	< 1.0
TPH (EC10 - EC40) EH_CU_ID_TOTAL	mg/kg	10	MCERTS	54

Analytical Report Number: 25-045776
 Project / Site name: Konform - Block C, Cranwood House
 Your Order No: LQ1213-KON-AUG25

Lab Sample Number				661642
Sample Reference				TP1
Sample Number				None Supplied
Water Matrix				N/A
Depth (m)				0.10-0.20
Date Sampled				28/08/2025
Time Taken				0930
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected