

Certificate of Analysis

Certificate Number 25-09545

Issued:

Client UK Remediation Ltd
3B Greystoke Business Centre
High Street
Portishead
Bristol
BS20 6PY

Our Reference 25-09545

Client Reference ~ E7555UK

Order No ~ 7555

Contract Title ~ ETF Groundwater

Description 1 Groundwater sample.

Date Received 30-Apr-25

Date Started 30-Apr-25

Date Completed 12-May-25

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By



Louise Cook
Contracts Manager



Summary of Chemical Analysis

Water Samples

Our Ref 25-09545

Client Ref ~ E7555UK

Contract Title ~ ETF Groundwater

Lab No	2501557
Sample ID ~	WS01
Depth ~	
Other ID ~	
Sample Type ~	GROUND WATER
Sampling Date ~	25/04/2025
Sampling Time ~	1220

Deviating

Test	Method	LOD	Units	
Metals				
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	2.0
Boron, Dissolved	DETSC 2306*	12	ug/l	267.3
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03
Chromium, Dissolved	DETSC 2306	0.25	ug/l	1.9
Copper, Dissolved	DETSC 2306	0.4	ug/l	1.2
Lead, Dissolved	DETSC 2306	0.09	ug/l	1.7
Mercury, Dissolved	DETSC 2306	0.01	ug/l	0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	4.2
Selenium, Dissolved	DETSC 2306	0.25	ug/l	0.63
Zinc, Dissolved	DETSC 2306	1.3	ug/l	34
Inorganics				
pH	DETSC 2008		pH	7.7
Cyanide, Total	DETSC 2130	40	ug/l	< 40
Sulphate as SO4	DETSC 2055	0.1	mg/l	130
Sulphide	DETSC 2208	0.01	mg/l	0.02
Total Organic Carbon	DETSC 2085	1	mg/l	290
Petroleum Hydrocarbons				
Aliphatic C5-C6: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C6-C8: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C8-C10: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C10-C12: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C12-C16: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C16-C21: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C21-C35: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C5-C35: EH_CU+HS_1D_AL	DETSC 3072*	10	ug/l	< 10
Aromatic C5-C7: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C7-C8: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C8-C10: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C10-C12: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C12-C16: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C16-C21: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C21-C35: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C5-C35: EH_CU+HS_1D_AR	DETSC 3072*	10	ug/l	< 10
TPH Ali/Aro Total C5-C35: EH_CU+HS_1D_Total	DETSC 3072*	10	ug/l	< 10
Benzene	DETSC 3322	1	ug/l	< 1.0
Toluene	DETSC 3322	1	ug/l	< 1.0
Ethylbenzene	DETSC 3322	1	ug/l	< 1.0
Xylene	DETSC 3322	1	ug/l	< 1.0
PAHs				
Naphthalene	DETSC 3304	0.05	ug/l	< 0.25

Summary of Chemical Analysis

Water Samples

Our Ref 25-09545

Client Ref ~ E7555UK

Contract Title ~ ETF Groundwater

Lab No	2501557
Sample ID ~	WS01
Depth ~	
Other ID ~	
Sample Type ~	GROUND WATER
Sampling Date ~	25/04/2025
Sampling Time ~	1220

Deviating

Test	Method	LOD	Units	
Acenaphthylene	DETSC 3304	0.01	ug/l	< 0.05
Acenaphthene	DETSC 3304	0.01	ug/l	0.55
Fluorene	DETSC 3304	0.01	ug/l	0.05
Phenanthrene	DETSC 3304	0.01	ug/l	0.14
Anthracene	DETSC 3304	0.01	ug/l	0.09
Fluoranthene	DETSC 3304	0.01	ug/l	0.21
Pyrene	DETSC 3304	0.01	ug/l	< 0.05
Benzo(a)anthracene	DETSC 3304	0.01	ug/l	< 0.05
Chrysene	DETSC 3304	0.01	ug/l	< 0.05
Benzo(b)fluoranthene	DETSC 3304	0.01	ug/l	0.09
Benzo(k)fluoranthene	DETSC 3304	0.01	ug/l	< 0.05
Benzo(a)pyrene	DETSC 3304	0.01	ug/l	0.07
Indeno(1,2,3-c,d)pyrene	DETSC 3304	0.01	ug/l	0.06
Dibenzo(a,h)anthracene	DETSC 3304	0.01	ug/l	< 0.05
Benzo(g,h,i)perylene	DETSC 3304	0.01	ug/l	< 0.05
PAH Total	DETSC 3304	0.2	ug/l	1.3
Phenols				
Phenol - Monohydric	DETSC 2130	100	ug/l	< 100

Information in Support of the Analytical Results

Our Ref 25-09545
 Client Ref ~ E7555UK
 Contract ~ ETF Groundwater

Containers Received & Deviating Samples

Lab No	Sample ID ~	Date		Containers Received	Holding time exceeded for tests	Incorrect container for tests
		Sampled ~				
2501557	WS01 GROUND WATER	25/04/25		GB 1L, PB 1L	Aliphatics/Aromatics (4 days), pH/Cond (1 days), PAH MS (4 days)	

Key: G-Glass P-Plastic B-Bottle

Normec DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
 Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Information in Support of the Analytical Results

List of HWOL Acronyms and Operators

Acronym	Description
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
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total

Det	Acronym
Aliphatic C5-C6	HS_1D_AL
Aliphatic C6-C8	HS_1D_AL
Aliphatic C8-C10	HS_1D_AL
Aliphatic C10-C12	EH_CU_1D_AL
Aliphatic C12-C16	EH_CU_1D_AL
Aliphatic C16-C21	EH_CU_1D_AL
Aliphatic C21-C35	EH_CU_1D_AL
Aliphatic C5-C35	EH_CU+HS_1D_AL
Aromatic C5-C7	HS_1D_AR
Aromatic C7-C8	HS_1D_AR
Aromatic C8-C10	HS_1D_AR
Aromatic C10-C12	EH_CU_1D_AR
Aromatic C12-C16	EH_CU_1D_AR
Aromatic C16-C21	EH_CU_1D_AR
Aromatic C21-C35	EH_CU_1D_AR
Aromatic C5-C35	EH_CU+HS_1D_AR
TPH Ali/Aro Total C5-C35	EH_CU+HS_1D_Total

Key:

~ Sample details are provided by the client and can affect the validity of the results

* -not accredited.

-MCERTS (accreditation only applies if report carries the MCERTS logo).

\$ -subcontracted.

n/s -not supplied.

I/S -insufficient sample.

U/S -unsuitable sample.

t/f -to follow.

nd -not detected.

End of Report

Certificate of Analysis

Certificate Number 25-10197

Issued:

Client UK Remediation Ltd
3B Greystoke Business Centre
High Street
Portishead
Bristol
BS20 6PY

Our Reference 25-10197

Client Reference ~ E7555UK

Order No ~ E7555UK

Contract Title ~ ETF GROUNDWATER

Description 1 Groundwater sample.

Date Received 08-May-25

Date Started 08-May-25

Date Completed 19-May-25

Test Procedures Identified by prefix DETSn (details on request).

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Approved By



Louise Cook
Contracts Manager



Summary of Chemical Analysis

Water Samples

Our Ref 25-10197

Client Ref ~ E7555UK

Contract Title ~ ETF GROUNDWATER

Lab No	2505333
Sample ID ~	WS01
Depth ~	
Other ID ~	
Sample Type ~	GROUND WATER
Sampling Date ~	06/05/2025
Sampling Time ~	n/s

Test	Method	LOD	Units	
Metals				
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	0.94
Boron, Dissolved	DETSC 2306*	12	ug/l	162.4
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03
Chromium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25
Copper, Dissolved	DETSC 2306	0.4	ug/l	1.1
Lead, Dissolved	DETSC 2306	0.09	ug/l	< 0.09
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	3.8
Selenium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25
Zinc, Dissolved	DETSC 2306	1.3	ug/l	90
Inorganics				
pH	DETSC 2008		pH	7.7
Cyanide, Total	DETSC 2130	40	ug/l	< 40
Sulphate as SO4	DETSC 2055	0.1	mg/l	260
Sulphide	DETSC 2208	0.01	mg/l	< 0.01
Total Organic Carbon	DETSC 2085	1	mg/l	6.9
Petroleum Hydrocarbons				
Aliphatic C5-C6: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C6-C8: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C8-C10: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C10-C12: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C12-C16: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C16-C21: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C21-C35: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C5-C35: EH_CU+HS_1D_AL	DETSC 3072*	10	ug/l	< 10
Aromatic C5-C7: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C7-C8: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C8-C10: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C10-C12: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C12-C16: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C16-C21: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C21-C35: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C5-C35: EH_CU+HS_1D_AR	DETSC 3072*	10	ug/l	< 10
TPH Ali/Aro Total C5-C35: EH_CU+HS_1D_Total	DETSC 3072*	10	ug/l	< 10
Benzene	DETSC 3322	1	ug/l	< 1.0
Toluene	DETSC 3322	1	ug/l	< 1.0
Ethylbenzene	DETSC 3322	1	ug/l	< 1.0
Xylene	DETSC 3322	1	ug/l	< 1.0
PAHs				
Naphthalene	DETSC 3304	0.05	ug/l	< 0.05

Summary of Chemical Analysis

Water Samples

Our Ref 25-10197
 Client Ref ~ E7555UK
 Contract Title ~ ETF GROUNDWATER

Lab No	2505333
Sample ID ~	WS01
Depth ~	
Other ID ~	
Sample Type ~	GROUND WATER
Sampling Date ~	06/05/2025
Sampling Time ~	n/s

Test	Method	LOD	Units	
Acenaphthylene	DETSC 3304	0.01	ug/l	0.02
Acenaphthene	DETSC 3304	0.01	ug/l	< 0.01
Fluorene	DETSC 3304	0.01	ug/l	< 0.01
Phenanthrene	DETSC 3304	0.01	ug/l	0.03
Anthracene	DETSC 3304	0.01	ug/l	0.01
Fluoranthene	DETSC 3304	0.01	ug/l	0.09
Pyrene	DETSC 3304	0.01	ug/l	0.10
Benzo(a)anthracene	DETSC 3304	0.01	ug/l	0.05
Chrysene	DETSC 3304	0.01	ug/l	0.05
Benzo(b)fluoranthene	DETSC 3304	0.01	ug/l	< 0.01
Benzo(k)fluoranthene	DETSC 3304	0.01	ug/l	0.02
Benzo(a)pyrene	DETSC 3304	0.01	ug/l	0.06
Indeno(1,2,3-c,d)pyrene	DETSC 3304	0.01	ug/l	0.05
Dibenzo(a,h)anthracene	DETSC 3304	0.01	ug/l	< 0.01
Benzo(g,h,i)perylene	DETSC 3304	0.01	ug/l	0.04
PAH Total	DETSC 3304	0.2	ug/l	0.53
Phenols				
Phenol - Monohydric	DETSC 2130	100	ug/l	120

Information in Support of the Analytical Results

Our Ref 25-10197
 Client Ref ~ E7555UK
 Contract ~ ETF GROUNDWATER

Containers Received & Deviating Samples

Lab No	Sample ID ~	Date		Containers Received	Holding time exceeded for tests	Incorrect container for tests
		Sampled ~				
2505333	WS01 GROUND WATER	06/05/25		GB 1L, PB 1L	pH/Cond (1 days)	

Key: G-Glass P-Plastic B-Bottle
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Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
 Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Information in Support of the Analytical Results

List of HWOL Acronyms and Operators

Acronym	Description
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
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total

Det	Acronym
Aliphatic C5-C6	HS_1D_AL
Aliphatic C6-C8	HS_1D_AL
Aliphatic C8-C10	HS_1D_AL
Aliphatic C10-C12	EH_CU_1D_AL
Aliphatic C12-C16	EH_CU_1D_AL
Aliphatic C16-C21	EH_CU_1D_AL
Aliphatic C21-C35	EH_CU_1D_AL
Aliphatic C5-C35	EH_CU+HS_1D_AL
Aromatic C5-C7	HS_1D_AR
Aromatic C7-C8	HS_1D_AR
Aromatic C8-C10	HS_1D_AR
Aromatic C10-C12	EH_CU_1D_AR
Aromatic C12-C16	EH_CU_1D_AR
Aromatic C16-C21	EH_CU_1D_AR
Aromatic C21-C35	EH_CU_1D_AR
Aromatic C5-C35	EH_CU+HS_1D_AR
TPH Ali/Aro Total C5-C35	EH_CU+HS_1D_Total

Key:

~ Sample details are provided by the client and can affect the validity of the results

* -not accredited.

-MCERTS (accreditation only applies if report carries the MCERTS logo).

\$ -subcontracted.

n/s -not supplied.

I/S -insufficient sample.

U/S -unsuitable sample.

t/f -to follow.

nd -not detected.

End of Report

Certificate of Analysis

Certificate Number 25-10959

Issued:

Client UK Remediation Ltd
3B Greystoke Business Centre
High Street
Portishead
Bristol
BS20 6PY

Our Reference 25-10959

Client Reference ~ E7555UK

Order No ~ E7555UK

Contract Title ~ ETF Groundwater

Description 1 Groundwater sample.

Date Received 16-May-25

Date Started 16-May-25

Date Completed 02-Jun-25

Test Procedures Identified by prefix DETSn (details on request).

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Approved By



Louise Cook
Contracts Manager



Summary of Chemical Analysis

Water Samples

Our Ref 25-10959

Client Ref ~ E7555UK

Contract Title ~ ETF Groundwater

Lab No	2509932
Sample ID ~	WS01
Depth ~	
Other ID ~	
Sample Type ~	GROUND WATER
Sampling Date ~	14/05/2025
Sampling Time ~	1035

Deviating

Test	Method	LOD	Units	
Metals				
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	2.6
Boron, Dissolved	DETSC 2306*	12	ug/l	303.1
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03
Chromium, Dissolved	DETSC 2306	0.25	ug/l	1.0
Copper, Dissolved	DETSC 2306	0.4	ug/l	< 0.4
Lead, Dissolved	DETSC 2306	0.09	ug/l	0.18
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	7.0
Selenium, Dissolved	DETSC 2306	0.25	ug/l	0.64
Zinc, Dissolved	DETSC 2306	1.3	ug/l	92
Inorganics				
pH	DETSC 2008		pH	8.1
Cyanide, Total	DETSC 2130	40	ug/l	< 40
Sulphate as SO4	DETSC 2055	0.1	mg/l	260
Sulphide	DETSC 2208	0.01	mg/l	0.16
Total Organic Carbon	DETSC 2085	1	mg/l	92
Petroleum Hydrocarbons				
Aliphatic C5-C6: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C6-C8: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C8-C10: HS_1D_AL	DETSC 3322	0.1	ug/l	< 0.1
Aliphatic C10-C12: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C12-C16: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C16-C21: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C21-C35: EH_CU_1D_AL	DETSC 3072*	1	ug/l	< 1.0
Aliphatic C5-C35: EH_CU+HS_1D_AL	DETSC 3072*	10	ug/l	< 10
Aromatic C5-C7: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C7-C8: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C8-C10: HS_1D_AR	DETSC 3322	0.1	ug/l	< 0.1
Aromatic C10-C12: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C12-C16: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C16-C21: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C21-C35: EH_CU_1D_AR	DETSC 3072*	1	ug/l	< 1.0
Aromatic C5-C35: EH_CU+HS_1D_AR	DETSC 3072*	10	ug/l	< 10
TPH Ali/Aro Total C5-C35: EH_CU+HS_1D_Total	DETSC 3072*	10	ug/l	< 10
Benzene	DETSC 3322	1	ug/l	< 1.0
Toluene	DETSC 3322	1	ug/l	< 1.0
Ethylbenzene	DETSC 3322	1	ug/l	< 1.0
Xylene	DETSC 3322	1	ug/l	< 1.0
PAHs				
Naphthalene	DETSC 3304	0.05	ug/l	< 0.25

Summary of Chemical Analysis

Water Samples

Our Ref 25-10959

Client Ref ~ E7555UK

Contract Title ~ ETF Groundwater

Lab No	2509932
Sample ID ~	WS01
Depth ~	
Other ID ~	
Sample Type ~	GROUND WATER
Sampling Date ~	14/05/2025
Sampling Time ~	1035

Deviating

Test	Method	LOD	Units	
Acenaphthylene	DETSC 3304	0.01	ug/l	< 0.05
Acenaphthene	DETSC 3304	0.01	ug/l	0.70
Fluorene	DETSC 3304	0.01	ug/l	0.09
Phenanthrene	DETSC 3304	0.01	ug/l	0.25
Anthracene	DETSC 3304	0.01	ug/l	0.07
Fluoranthene	DETSC 3304	0.01	ug/l	0.27
Pyrene	DETSC 3304	0.01	ug/l	0.21
Benzo(a)anthracene	DETSC 3304	0.01	ug/l	0.07
Chrysene	DETSC 3304	0.01	ug/l	< 0.05
Benzo(b)fluoranthene	DETSC 3304	0.01	ug/l	< 0.05
Benzo(k)fluoranthene	DETSC 3304	0.01	ug/l	0.05
Benzo(a)pyrene	DETSC 3304	0.01	ug/l	0.07
Indeno(1,2,3-c,d)pyrene	DETSC 3304	0.01	ug/l	0.10
Dibenzo(a,h)anthracene	DETSC 3304	0.01	ug/l	< 0.05
Benzo(g,h,i)perylene	DETSC 3304	0.01	ug/l	0.08
PAH Total	DETSC 3304	0.2	ug/l	2.0
Phenols				
Phenol - Monohydric	DETSC 2130	100	ug/l	< 100

Information in Support of the Analytical Results

Our Ref 25-10959
 Client Ref ~ E7555UK
 Contract ~ ETF Groundwater

Containers Received & Deviating Samples

Lab No	Sample ID ~	Date		Containers Received	Holding time exceeded for tests	Incorrect container for tests
		Sampled ~				
2509932	WS01 GROUND WATER	14/05/25		GB 1L, PB 1L	pH/Cond (1 days)	

Key: G-Glass P-Plastic B-Bottle
 Normec DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
 Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Information in Support of the Analytical Results

List of HWOL Acronyms and Operators

Acronym	Description
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
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total

Det	Acronym
Aliphatic C5-C6	HS_1D_AL
Aliphatic C6-C8	HS_1D_AL
Aliphatic C8-C10	HS_1D_AL
Aliphatic C10-C12	EH_CU_1D_AL
Aliphatic C12-C16	EH_CU_1D_AL
Aliphatic C16-C21	EH_CU_1D_AL
Aliphatic C21-C35	EH_CU_1D_AL
Aliphatic C5-C35	EH_CU+HS_1D_AL
Aromatic C5-C7	HS_1D_AR
Aromatic C7-C8	HS_1D_AR
Aromatic C8-C10	HS_1D_AR
Aromatic C10-C12	EH_CU_1D_AR
Aromatic C12-C16	EH_CU_1D_AR
Aromatic C16-C21	EH_CU_1D_AR
Aromatic C21-C35	EH_CU_1D_AR
Aromatic C5-C35	EH_CU+HS_1D_AR
TPH Ali/Aro Total C5-C35	EH_CU+HS_1D_Total

Key:

~ Sample details are provided by the client and can affect the validity of the results

* -not accredited.

-MCERTS (accreditation only applies if report carries the MCERTS logo).

\$ -subcontracted.

n/s -not supplied.

I/S -insufficient sample.

U/S -unsuitable sample.

t/f -to follow.

nd -not detected.

End of Report Ver 25.03.02