



APPENDIX 9-6

**GROUNDWATER -
LABORATORY DATA
AND SCREENING**

McCarthy Keville & O'Sullivan Ltd
2nd Floor
H91VW84
Tuam Road
Galway
Ireland



4225



Attention : Colin Fitzgerald
Date : 15th April, 2026
Your reference : 240740-h
Our reference : Test Report 26/5182 Batch 1
Location : Slievegrine
Date samples received : 2nd April, 2026
Status : Final Report
Issue : 202604151027

Two samples were received for analysis on 2nd April, 2026 of which two 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 - 2.317 kg of CO2

Scope 1&2&3 emissions - 5.475 kg of CO2

Authorised By:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: McCarthy Keville & O'Sullivan Ltd
Reference: 240740-h
Location: Slievegrine
Contact: Colin Fitzgerald
EMT Job No: 26/5182

Report : Liquid

Liquids/products: V=40ml vial, G=glass bottle, P=plastic bottle
H=H₂SO₄, Z=ZnAc, N=NaOH, HN=HNO₃

EMT Sample No.	1-4	5-8									Please see attached notes for all abbreviations and acronyms		
Sample ID	PW06	SS11											
Depth													
COC No / misc													
Containers	V H N Z P	V H N Z P											
Sample Date	01/04/2026	01/04/2026											
Sample Type	Ground Water	Ground Water											
Batch Number	1	1									LOD/LOR	Units	Method No.
Date of Receipt	02/04/2026	02/04/2026											
Dissolved Aluminium #	13.7	48.3									<1.5	ug/l	TM30/PM14
Dissolved Antimony #	<2	<2									<2	ug/l	TM30/PM14
Dissolved Arsenic #	<0.9	2.2									<0.9	ug/l	TM30/PM14
Dissolved Barium #	248.8	31.4									<1.8	ug/l	TM30/PM14
Dissolved Beryllium	<0.5	<0.5									<0.5	ug/l	TM30/PM14
Dissolved Boron	<12	<12									<12	ug/l	TM30/PM14
Dissolved Cadmium #	<0.03	<0.03									<0.03	ug/l	TM30/PM14
Dissolved Calcium #	7.2	7.2									<0.2	mg/l	TM30/PM14
Total Dissolved Chromium #	0.7	<0.2									<0.2	ug/l	TM30/PM14
Dissolved Cobalt #	<0.1	0.1									<0.1	ug/l	TM30/PM14
Dissolved Copper #	7	<3									<3	ug/l	TM30/PM14
Total Dissolved Iron #	68.2	68.0									<4.7	ug/l	TM30/PM14
Dissolved Lead #	<0.4	<0.4									<0.4	ug/l	TM30/PM14
Dissolved Magnesium #	2.8	2.0									<0.1	mg/l	TM30/PM14
Dissolved Manganese #	2942.3	57.7									<1.5	ug/l	TM30/PM14
Dissolved Mercury #	<0.5	<0.5									<0.5	ug/l	TM30/PM14
Dissolved Molybdenum #	<0.2	<0.2									<0.2	ug/l	TM30/PM14
Dissolved Nickel #	15.2	0.4									<0.2	ug/l	TM30/PM14
Dissolved Phosphorus #	<0.7	6.5									<0.7	ug/l	TM30/PM14
Dissolved Potassium #	1.7	2.1									<0.1	mg/l	TM30/PM14
Dissolved Selenium #	<1.2	<1.2									<1.2	ug/l	TM30/PM14
Dissolved Sodium #	8.7	12.4									<0.1	mg/l	TM30/PM14
Dissolved Thallium	<0.9	<0.9									<0.9	ug/l	TM30/PM14
Dissolved Vanadium #	<0.6	<0.6									<0.6	ug/l	TM30/PM14
Dissolved Zinc #	18	136									<3	ug/l	TM30/PM14
Fluoride	<0.3	<0.3									<0.3	mg/l	TM173/PM0
Sulphate as SO4 #	3.5	5.4									<0.5	mg/l	TM38/PM0
Chloride #	16.0	29.6									<0.3	mg/l	TM38/PM0
Nitrate as N #	<0.05	1.06									<0.05	mg/l	TM38/PM0
Nitrite as N #	0.013	<0.006									<0.006	mg/l	TM38/PM0
Ortho Phosphate as P #	<0.03	<0.03									<0.03	mg/l	TM38/PM0
Ammoniacal Nitrogen as N #	0.43	<0.03									<0.03	mg/l	TM38/PM0
Total Alkalinity as CaCO3 #	38	14									<1	mg/l	TM75/PM0
Sulphide	<0.01	<0.01									<0.01	mg/l	TM107/PM0
Electrical Conductivity @25C #	127	141									<2	uS/cm	TM76/PM0
pH #	6.45	6.14									<0.01	pH units	TM73/PM0
Total Organic Carbon #	3	3									<2	mg/l	TM60/PM0

Client Name: McCarthy Keville & O'Sullivan Ltd

Reference: 240740-h

Location: Slievegrine

Contact: Colin Fitzgerald

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

It is a requirement under ISO 17025 that we inform clients if samples are deviating i.e. outside what is expected. A deviating sample indicates that the sample 'may' be compromised but not necessarily will be compromised. The result is still accredited and our analytical reports will still show accreditation on the relevant analytes.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 26/5182

SOILS and ASH

Please note we are only MCERTS accredited (UK soils only) 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. Asbestos samples are retained for 6 months.

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. Limits of detection for analyses carried out on as received samples are not moisture content corrected. 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. Ash samples are dried at 35°C ±5°C.

Where Mineral Oil 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.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually 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 is quoted, this refers to Total Aliphatics C10-C40.

STACK EMISSIONS

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 for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

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

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

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.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

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 requirement of our Accreditation Body 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.

Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

Customer Provided Information

Sample ID and depth is information provided by the customer.

Age of Diesel

The age of release estimation is based on the nC17/pristane ratio only as prescribed by Christensen and Larsen (1993) and Kaplan, Galperin, Alimi et al., (1996).

Age estimation should be treated with caution as it can be influenced by site specific factors of which the laboratory are not aware.

Tentatively Identified Compounds (TICs)

Where Tentatively Identified Compounds (TICs) are reported, up to 10 Tentatively Identified Compounds will be listed where there is found to be a greater than 80% match with the NIST library. The reported concentration is determined semi-quantitatively, with a matrix specific limit of detection.

Note, other compounds may be present but are not reported.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
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.
>>	Results above quantitative calibration range. The result should be considered the minimum value and is indicative only. The actual result could be significantly higher.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
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
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

EMT Job No: 26/5182

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM14	Preparation of waters and leachates for metals by ICP OES/ICP MS. Samples are filtered for Dissolved metals, and remain unfiltered for Total metals then acidified				
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM14	Preparation of waters and leachates for metals by ICP OES/ICP MS. Samples are filtered for Dissolved metals, and remain unfiltered for Total metals then acidified	Yes			
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) - All anions comparable to BS ISO 15923-1: 2013I	PM0	No preparation is required.	Yes			
TM60	TC/TOC analysis of Waters by High Temperature Combustion followed by NDIR detection. Based on the following modified standard methods: USEPA 9060A (2002), APHA SMEWW 5310B:1999 22nd Edition, ASTM D 7573, and USEPA 415.1.	PM0	No preparation is required.	Yes			
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM0	No preparation is required.	Yes			
TM75	Modified US EPA method 310.1 (1978). Determination of Alkalinity by Metrohm automated titration analyser.	PM0	No preparation is required.	Yes			
TM76	Modified US EPA method 120.1 (1982). Determination of Specific Conductance by Metrohm automated probe analyser.	PM0	No preparation is required.	Yes			
TM107	Determination of Sulphide/Thiocyanate by Skalar Continuous Flow Analyser	PM0	No preparation is required.				
TM173	Analysis of fluoride by ISE (Ion Selective Electrode) using modified ISE method 9214 - 340.2 (EPA 1998)	PM0	No preparation is required.				

McCarthy Keville & O'Sullivan Ltd
2nd Floor
H91VW84
Tuam Road
Galway
Ireland



4225



Attention : Colin Fitzgerald
Date : 15th April, 2026
Your reference : 240740-h
Our reference : Test Report 26/5183 Batch 1
Location : Slievegrine
Date samples received : 2nd April, 2026
Status : Final Report
Issue : 202604151026

Thirteen samples were received for analysis on 2nd April, 2026 of which nine 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 - 10.426 kg of CO2

Scope 1&2&3 emissions - 24.638 kg of CO2

Authorised By:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: McCarthy Keville & O'Sullivan Ltd
Reference: 240740-h
Location: Slievegrine
Contact: Colin Fitzgerald
EMT Job No: 26/5183

Report : Liquid

Liquids/products: V=40ml vial, G=glass bottle, P=plastic bottle
H=H₂SO₄, Z=ZnAc, N=NaOH, HN=HN₃

EMT Sample No.	1-4	5-8	9-12	13-16	17-19,48	20-23	24-26	27-30	31-34		Please see attached notes for all abbreviations and acronyms		
Sample ID	PW01	PW02	PW03	PW04	PW05	PW07	SS10	SS13	SD03				
Depth													
COC No / misc													
Containers	V HN Z P	V HN Z P	V HN Z P	V HN Z P	HN Z P V	V HN Z P	HN Z P	V HN Z P	V HN Z P				
Sample Date	31/03/2026	31/03/2026	31/03/2026	31/03/2026	31/03/2026	31/03/2026	31/03/2026	31/03/2026	31/03/2026				
Sample Type	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	02/04/2026	02/04/2026	02/04/2026	02/04/2026	02/04/2026	02/04/2026	02/04/2026	02/04/2026	02/04/2026		LOD/LOR	Units	Method No.
Dissolved Aluminium #	20.1	<1.5	3.6	124.6	29.3	<1.5	78.8	18.8	28.9		<1.5	ug/l	TM30/PM14
Dissolved Antimony #	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/l	TM30/PM14
Dissolved Arsenic #	<0.9	<0.9	1.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9		<0.9	ug/l	TM30/PM14
Dissolved Barium #	208.4	11.3	41.5	29.9	250.5	121.2	21.4	20.6	256.9		<1.8	ug/l	TM30/PM14
Dissolved Beryllium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	ug/l	TM30/PM14
Dissolved Boron	13	<12	<12	<12	<12	16	<12	<12	<12		<12	ug/l	TM30/PM14
Dissolved Cadmium #	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03	ug/l	TM30/PM14
Dissolved Calcium #	15.8	28.9	5.3	4.9	2.4	20.8	22.3	5.3	2.4		<0.2	mg/l	TM30/PM14
Total Dissolved Chromium #	<0.2	<0.2	<0.2	0.7	<0.2	0.2	0.5	0.3	<0.2		<0.2	ug/l	TM30/PM14
Dissolved Cobalt #	<0.1	0.3	0.1	0.7	<0.1	0.1	0.4	<0.1	0.3		<0.1	ug/l	TM30/PM14
Dissolved Copper #	15	7	11	<3	4	5	<3	<3	<3		<3	ug/l	TM30/PM14
Total Dissolved Iron #	<4.7	<4.7	<4.7	443.0	<4.7	<4.7	209.2	8.0	<4.7		<4.7	ug/l	TM30/PM14
Dissolved Lead #	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4		<0.4	ug/l	TM30/PM14
Dissolved Magnesium #	4.8	3.1	3.5	1.7	2.0	5.6	3.0	3.0	2.0		<0.1	mg/l	TM30/PM14
Dissolved Manganese #	71.6	3.4	10.1	74.0	38.2	<1.5	104.6	12.7	40.5		<1.5	ug/l	TM30/PM14
Dissolved Mercury #	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	ug/l	TM30/PM14
Dissolved Molybdenum #	<0.2	0.3	<0.2	<0.2	<0.2	<0.2	0.2	0.2	<0.2		<0.2	ug/l	TM30/PM14
Dissolved Nickel #	4.4	0.5	2.9	1.3	2.0	0.3	2.3	1.6	2.5		<0.2	ug/l	TM30/PM14
Dissolved Phosphorus #	3.6	5.0	7.3	69.8	<0.7	6.6	14.9	3.7	1.9		<0.7	ug/l	TM30/PM14
Dissolved Potassium #	6.8	1.0	0.6	0.9	0.4	2.6	1.0	1.1	0.4		<0.1	mg/l	TM30/PM14
Dissolved Selenium #	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2		<1.2	ug/l	TM30/PM14
Dissolved Sodium #	25.9	9.9	12.8	8.5	10.6	11.1	17.9	10.2	11.3		<0.1	mg/l	TM30/PM14
Dissolved Thallium	1.6	<0.9	<0.9	<0.9	1.4	<0.9	<0.9	1.1	<0.9		<0.9	ug/l	TM30/PM14
Dissolved Vanadium #	<0.6	<0.6	<0.6	0.7	0.7	<0.6	<0.6	<0.6	<0.6		<0.6	ug/l	TM30/PM14
Dissolved Zinc #	74	248	67	6	6	13	7	6	7		<3	ug/l	TM30/PM14
Fluoride	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		<0.3	mg/l	TM173/PM0
Sulphate as SO ₄ #	15.6	9.9	1.2	3.3	1.9	14.1	<0.5	4.7	1.8		<0.5	mg/l	TM38/PM0
Chloride #	48.3	24.2	24.8	13.2	19.4	18.0	31.0	16.9	18.9		<0.3	mg/l	TM38/PM0
Nitrate as N #	5.09	5.33	2.69	<0.05	1.25	2.88	0.14	1.30	1.25		<0.05	mg/l	TM38/PM0
Nitrite as N #	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006		<0.006	mg/l	TM38/PM0
Ortho Phosphate as P #	<0.03	<0.03	<0.03	0.05	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03	mg/l	TM38/PM0
Ammoniacal Nitrogen as N #	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.05		<0.03	mg/l	TM38/PM0
Total Alkalinity as CaCO ₃ #	28	52	18	18	12	56	62	22	12		<1	mg/l	TM75/PM0
Sulphide	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	mg/l	TM107/PM0
Electrical Conductivity @25C #	286	241	139	85	96	219	218	115	96		<2	uS/cm	TM76/PM0
pH #	6.03	6.29	5.92	6.37	5.75	6.37	7.03	6.21	5.77		<0.01	pH units	TM73/PM0
Total Organic Carbon #	<2	<2	<2	9	<2	<2	12	<2	<2		<2	mg/l	TM60/PM0

Client Name: McCarthy Keville & O'Sullivan Ltd

Reference: 240740-h

Location: Slievegrine

Contact: Colin Fitzgerald

[illegible]

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NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 26/5183

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All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

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. Limits of detection for analyses carried out on as received samples are not moisture content corrected. 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. Ash samples are dried at 35°C ±5°C.

Where Mineral Oil 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.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually 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 is quoted, this refers to Total Aliphatics C10-C40.

STACK EMISSIONS

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 for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

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

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

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.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

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 requirement of our Accreditation Body 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.

Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

Customer Provided Information

Sample ID and depth is information provided by the customer.

Age of Diesel

The age of release estimation is based on the nC17/pristane ratio only as prescribed by Christensen and Larsen (1993) and Kaplan, Galperin, Alimi et al., (1996).

Age estimation should be treated with caution as it can be influenced by site specific factors of which the laboratory are not aware.

Tentatively Identified Compounds (TICs)

Where Tentatively Identified Compounds (TICs) are reported, up to 10 Tentatively Identified Compounds will be listed where there is found to be a greater than 80% match with the NIST library. The reported concentration is determined semi-quantitatively, with a matrix specific limit of detection.

Note, other compounds may be present but are not reported.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
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.
>>	Results above quantitative calibration range. The result should be considered the minimum value and is indicative only. The actual result could be significantly higher.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
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
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

EMT Job No: 26/5183

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM14	Preparation of waters and leachates for metals by ICP OES/ICP MS. Samples are filtered for Dissolved metals, and remain unfiltered for Total metals then acidified				
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM14	Preparation of waters and leachates for metals by ICP OES/ICP MS. Samples are filtered for Dissolved metals, and remain unfiltered for Total metals then acidified	Yes			
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) - All anions comparable to BS ISO 15923-1: 2013I	PM0	No preparation is required.	Yes			
TM60	TC/TOC analysis of Waters by High Temperature Combustion followed by NDIR detection. Based on the following modified standard methods: USEPA 9060A (2002), APHA SMEWW 5310B:1999 22nd Edition, ASTM D 7573, and USEPA 415.1.	PM0	No preparation is required.	Yes			
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM0	No preparation is required.	Yes			
TM75	Modified US EPA method 310.1 (1978). Determination of Alkalinity by Metrohm automated titration analyser.	PM0	No preparation is required.	Yes			
TM76	Modified US EPA method 120.1 (1982). Determination of Specific Conductance by Metrohm automated probe analyser.	PM0	No preparation is required.	Yes			
TM107	Determination of Sulphide/Thiocyanate by Skalar Continuous Flow Analyser	PM0	No preparation is required.				
TM173	Analysis of fluoride by ISE (Ion Selective Electrode) using modified ISE method 9214 - 340.2 (EPA 1998)	PM0	No preparation is required.				

										Notes															
										nt	not tested	<XX													Below LOD
										nc	no criteria	XX													Detection
										na	not applicable	XX													> screen value
										Sample ID	PW01	PW02	PW03	PW04	PW05	PW06	PW07	SS10	SS11	SS13	SD03				
										Sample Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater				
										Sampled Date	31/03/2026	31/03/2026	31/03/2026	31/03/2026	31/03/2026	01/04/2026	31/03/2026	31/03/2026	01/04/2026	31/03/2026	31/03/2026				
Test	Method	Units	GTV/IGV	Minimum (result above detection limit)	Mean	Maximum	No. of Samples	No. of GTV Exceedances	LOD																
Physicochemical																									
pH [#]	TM73/PM0	pH units	≥ 6.5 and ≤ 9.5	5.75	6.2	7.03	11	0	<0.01	6.03	6.29	5.92	6.37	5.75	6.45	6.37	7.03	6.14	6.21	5.77					
Electrical Conductivity @25C [#]	TM76/PM0	µS/cm	1875	85	160	286	11	0	<2	286	241	139	85	96	127	219	218	141	115	96					
Total Suspended Solids [#]	TM37/PM0	mg/l	nc	0	-	0	0	0	<10	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt					
Turbidity	TM34/PM0	NTU	nc	0	-	0	0	0	<0.1	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt					
Apparent Colour	TM35/PM0	mg/l PtCo	nc	0	-	0	0	0	na	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt					
BOD (Settled) [#]	TM58/PM0	mg/l	nc	0	-	0	0	0	<1	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt					
COD (Settled) [#]	TM57/PM0	mg/l	nc	0	-	0	0	0	<7	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt					
Dissolved Oxygen	TM58/PM0	mg/l	nc	0	-	0	0	0	<1	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt					
Total Organic Carbon [#]	TM60/PM0	mg/l	nc	3	6.8	12	11	0	<2	<2	<2	<2	9	<2	3	<2	12	3	<2	<2					
Total Alkalinity as CaCO3 [#]	TM75/PM0	mg/l	nc	12	30	62	11	0	<1	28	52	18	18	12	38	56	62	14	22	12					
Nutrients																									
Ortho Phosphate as P [#]	TM38/PM0	mg/l	0.035	0.05	0.05	0.05	11	1	<0.03	<0.03	<0.03	<0.03	0.05	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03					
Dissolved Phosphorus [#]	TM30/PM14	µg/l	nc	1.9	13	69.8	11	0	<0.7	3.6	5	7.3	69.8	<0.7	<0.7	6.6	14.9	6.5	3.7	1.9					
Nitrate as N [#]	TM38/PM0	mg/l	37.5	0.14	2.3	5.33	11	0	<0.05	5.09	5.33	2.69	<0.05	1.25	<0.05	2.88	0.14	1.06	1.3	1.25					
Nitrite as N [#]	TM38/PM0	mg/l	0.375	0.013	0.01	0.013	11	0	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	0.013	<0.006	<0.006	<0.006	<0.006	<0.006					
Ammoniacal Nitrogen as N [#]	TM38/PM0	mg/l	0.065	0.05	0.24	0.43	11	1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.43	<0.03	<0.03	<0.03	<0.03	0.05					
Ions, Anions and Inorganics																									
Fluoride	TM173/PM0	mg/l	1	0	-	0	11	0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3					
Sulphide	TM107/PM0	mg/l	nc	0	-	0	11	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
Sulphate as SO4 [#]	TM38/PM0	mg/l	187.5	1.2	6.1	15.6	11	0	<0.5	15.6	9.9	1.2	3.3	1.9	3.5	14.1	<0.5	5.4	4.7	1.8					
Chloride [#]	TM38/PM0	mg/l	187.5	13.2	24	48.3	11	0	<0.3	48.3	24.2	24.8	13.2	19.4	16	18	31	29.6	16.9	18.9					
Metals																									
Dissolved Aluminium [#]	TM30/PM14	µg/l	150	3.6	41	125	11	0	<1.5	20.1	<1.5	3.6	125	29.3	13.7	<1.5	78.8	48.3	18.8	28.9					
Dissolved Antimony [#]	TM30/PM14	µg/l	nc	0	-	0	11	0	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2					
Dissolved Arsenic [#]	TM30/PM14	µg/l	7.5	1.9	2.1	2.2	11	0	<0.9	<0.9	<0.9	1.9	<0.9	<0.9	<0.9	<0.9	<0.9	2.2	<0.9	<0.9					
Dissolved Barium [#]	TM30/PM14	µg/l	100	11.3	113	257	11	5	<1.8	208	11.3	41.5	29.9	251	249	121	21.4	31.4	20.6	257					
Dissolved Beryllium	TM30/PM14	nc	0	-	-	0	11	0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
Dissolved Boron	TM30/PM14	µg/l	750	13	15	16	11	0	<12	13	<12	<12	<12	<12	<12	16	<12	<12	<12	<12					
Dissolved Cadmium [#]	TM30/PM14	µg/l	3.75	0	-	0	11	0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03					
Dissolved Calcium [#]	TM30/PM14	mg/l	200	2.4	11	28.9	11	0	<0.2	15.8	28.9	5.3	4.9	2.4	7.2	20.8	22.3	7.2	5.3	2.4					
Total Dissolved Chromium [#]	TM30/PM14	µg/l	37.5	0.2	0.48	0.7	11	0	<0.2	<0.2	<0.2	<0.2	0.7	<0.2	0.7	0.2	0.5	<0.2	0.3	<0.2					
Dissolved Cobalt [#]	TM30/PM14	µg/l	nc	0.1	0.29	0.7	11	0	<0.1	<0.1	0.3	0.1	0.7	<0.1	<0.1	0.1	0.4	0.1	<0.1	0.3					
Dissolved Copper [#]	TM30/PM14	µg/l	1500	4	8.2	15	11	0	<3	15	7	11	<3	4	7	5	<3	<3	<3	<3					
Total Dissolved Iron [#]	TM30/PM14	µg/l	200	8	159	443	11	2	<4.7	<4.7	<4.7	<4.7	443	<4.7	68.2	<4.7	209	68	8	<4.7					
Dissolved Lead [#]	TM30/PM14	µg/l	7.5	0	-	0	11	0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4					
Dissolved Magnesium [#]	TM30/PM14	mg/l	50	1.7	3.0	5.6	11	0	<0.1	4.8	3.1	3.5	1.7	2	2.8	5.6	3	2	3	2					
Dissolved Manganese [#]	TM30/PM14	µg/l	50	3.4	336	2942	11	5	<1.5	71.6	3.4	10.1	74	38.2	2942	<1.5	105	57.7	12.7	40.5					
Dissolved Mercury [#]	TM30/PM14	µg/l	0.75	0	-	0	11	0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					
Dissolved Molybdenum [#]	TM30/PM14	µg/l	nc	0.2	0.23	0.3	11	0	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2	0.2	<0.2					
Dissolved Nickel [#]	TM30/PM14	µg/l	15	0.3	3.0	15.2	11	1	<0.2	4.4	0.5	2.9	1.3	2	15.2	0.3	2.3	0.4	1.6	2.5					
Dissolved Potassium [#]	TM30/PM14	mg/l	5	0.4	1.7	6.8	11	1	<0.1	6.8	1	0.6	0.9	0.4	1.7	2.6	1	2.1	1.1	0.4					
Dissolved Selenium [#]	TM30/PM14	µg/l	nc	0	-	0	11	0	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2					
Dissolved Sodium [#]	TM30/PM14	mg/l	150	8.5	13	25.9	11	0	<0.1	25.9	9.9	12.8	8.5	10.6	8.7	11.1	17.9	12.4	10.2	11.3					
Dissolved Thallium	TM30/PM14	nc	1.1	1.4	1.6	11	0	0	<0.9	1.6	<0.9	<0.9	<0.9	1.4	<0.9	<0.9	<0.9	<0.9	1.1	<0.9					
Dissolved Vanadium [#]	TM30/PM14	µg/l	nc	0.7	0.70	0.7	11	0	<0.6	<0.6	<0.6	<0.6	0.7	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6					
Dissolved Zinc [#]	TM30/PM14	µg/l	75	6	53	248	11	2	<3	74	248	67	6	6	18	13	7	136	6	7					

									Notes													
nt	nc	na	not tested	no criteria	XX	Below LOD	Detection	> screen value	Sample ID	PW01	PW02	PW03	PW04	PW05	PW06	PW07	SS10	SS11	SS13	SD03		
Sample Type	Sampled Date	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	
Test	Method	Units	DWS	Minimum (result above detection limit)	Mean	Maximum	No. of Samples	No. of DWS Exceedances	LOD													
Physicochemical																						
pH ^a	TM73/PM0	pH units	> 6.5 and < 9.5	5.75	6.2	7.03	11	0	<0.01	6.03	6.29	5.92	6.37	5.75	6.45	6.37	7.03	6.14	6.21	5.77		
Electrical Conductivity @25C ^a	TM76/PM0	µS/cm	2500	85	160	286	11	0	<2	286	241	139	85	96	127	219	218	141	115	96		
Total Suspended Solids ^a	TM37/PM0	mg/l	nc	0	-	0	0	0	<10	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt		
Turbidity	TM34/PM0	NTU	nc	0	-	0	0	0	<0.1	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt		
Apparent Colour	TM35/PM0	mg/l PtCo	nc	0	-	0	0	0	na	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt		
BOD (Settled) ^a	TM58/PM0	mg/l	nc	0	-	0	0	0	<1	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt		
COD (Settled) ^a	TM57/PM0	mg/l	nc	0	-	0	0	0	<7	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt		
Dissolved Oxygen	TM58/PM0	mg/l	nc	0	-	0	0	0	<1	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt		
Total Organic Carbon ^a	TM60/PM0	mg/l	nc	3	6.8	12	11	0	<2	<2	<2	<2	9	<2	3	<2	12	3	<2	<2		
Total Alkalinity as CaCO3 ^a	TM75/PM0	mg/l	nc	12	30	62	11	0	<1	28	52	18	18	12	38	56	62	14	22	12		
Nutrients																						
Ortho Phosphate as P ^a	TM38/PM0	mg/l	nc	0.05	0.05	0.05	11	0	<0.03	<0.03	<0.03	<0.03	0.05	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Dissolved Phosphorus ^a	TM30/PM14	µg/l	nc	1.9	13	69.8	11	0	<0.7	3.6	5	7.3	69.8	<0.7	<0.7	6.6	14.9	6.5	3.7	1.9		
Nitrate as N ^a	TM38/PM0	mg/l	50	0.14	2.3	5.33	11	0	<0.05	5.09	5.33	2.69	<0.05	1.25	<0.05	2.88	0.14	1.06	1.3	1.25		
Nitrite as N ^a	TM38/PM0	mg/l	0.5	0.013	0.01	0.013	11	0	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	0.013	<0.006	<0.006	<0.006	<0.006	<0.006		
Ammoniacal Nitrogen as N ^a	TM38/PM0	mg/l	0.5	0.05	0.24	0.43	11	0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.43	<0.03	<0.03	<0.03	<0.03	<0.03		
Ions, Anions and Inorganics																						
Fluoride	TM173/PM0	mg/l	1.5	0	-	0	11	0	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		
Sulphide	TM107/PM0	mg/l	nc	0	-	0	11	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
Sulphate as SO4 ^a	TM38/PM0	mg/l	250	1.2	6.1	15.6	11	0	<0.5	15.6	9.9	1.2	3.3	1.9	3.5	14.1	<0.5	5.4	4.7	1.8		
Chloride ^a	TM38/PM0	mg/l	250	13.2	24	48.3	11	0	<0.3	48.3	24.2	24.8	13.2	19.4	16	18	31	29.6	16.9	18.9		
Metals																						
Dissolved Aluminium ^a	TM30/PM14	µg/l	200	3.6	41	125	11	0	<1.5	20.1	<1.5	3.6	125	29.3	13.7	<1.5	78.8	48.3	18.8	28.9		
Dissolved Antimony ^a	TM30/PM14	µg/l	10	0	-	0	11	0	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			
Dissolved Arsenic ^a	TM30/PM14	µg/l	10	1.9	2.1	2.2	11	0	<0.9	<0.9	<0.9	1.9	<0.9	<0.9	<0.9	<0.9	<0.9	2.2	<0.9	<0.9		
Dissolved Barium ^a	TM30/PM14	µg/l	nc	113	113	257	11	0	<1.8	208	11.3	41.5	29.9	251	249	121	21.4	31.4	20.6	257		
Dissolved Beryllium	TM30/PM14	µg/l	nc	0	-	0	11	0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
Dissolved Boron	TM30/PM14	µg/l	1500	13	15	16	11	0	<12	13	<12	<12	<12	<12	<12	16	<12	<12	<12	<12		
Dissolved Cadmium ^a	TM30/PM14	µg/l	5	0	-	0	11	0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03			
Dissolved Calcium ^a	TM30/PM14	mg/l	nc	2.4	11	28.9	11	0	<0.2	15.8	28.9	5.3	4.9	2.4	7.2	20.8	22.3	7.2	5.3	2.4		
Total Dissolved Chromium ^a	TM30/PM14	µg/l	25	0.2	0.48	0.7	11	0	<0.2	<0.2	<0.2	<0.2	0.7	<0.2	0.7	0.2	0.5	<0.2	0.3	<0.2		
Dissolved Cobalt ^a	TM30/PM14	µg/l	nc	0.1	0.29	0.7	11	0	<0.1	<0.1	0.3	0.1	0.7	<0.1	<0.1	0.1	0.4	0.1	<0.1	0.3		
Dissolved Copper ^a	TM30/PM14	µg/l	2000	4	8.2	15	11	0	<3	15	7	11	<3	4	7	5	<3	<3	<3			
Total Dissolved Iron ^a	TM30/PM14	µg/l	200	8	159	443	11	2	<4.7	<4.7	<4.7	<4.7	443	<4.7	68.2	<4.7	209	68	8	<4.7		
Dissolved Lead ^a	TM30/PM14	µg/l	5	0	-	0	11	0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4			
Dissolved Magnesium ^a	TM30/PM14	mg/l	nc	1.7	3.0	5.6	11	0	<0.1	4.8	3.1	3.5	1.7	2	2.8	5.6	3	2	3	2		
Dissolved Manganese ^a	TM30/PM14	µg/l	50	3.4	336	2942	11	5														