Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

UKAS TESTING **1291** **Accredited to ISO/IEC 17025:2017**	**ALS Laboratories (UK) Limited** **Issue No:** 149 **Issue date:** 12 August 2026	
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Testing performed at main address only		

This schedule is ordered as follows:

Section 1 Asbestos

Section 2 Gases – Chemical Testing

Section 3 Soils and Sludge - Chemical Testing

Section 4 Waters – Chemical Testing

Note: Accreditation to MCERTS automatically confers an equivalent accreditation to ISO/IEC17025.

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SECTION 1 DETAIL OF ACCREDITATION FOR ASBESTOS ANALYSIS

Main Menu

Asbestos			
Identification	Quantification		

Asbestos Identification in Bulk Materials and Identification of Asbestos fibres in bulk samples of Soil Stereo-microscopy, polarised light optical microscopy and dispersion staining Documented In-House Method based on "Health and Safety Executive – Asbestos: The Analysts' Guide (HSG248) - 2021 **TM048**		
Analyte	Bulk Materials (including materials and products suspected of containing asbestos)	Bulk Samples of Soil (Specifically: Soil, Aggregate)
Amosite	ISO/IEC 17025	ISO/IEC 17025
Chrysotile	ISO/IEC 17025	ISO/IEC 17025
Crocidolite	ISO/IEC 17025	ISO/IEC 17025
Fibrous Actinolite	ISO/IEC 17025	ISO/IEC 17025
Fibrous Anthophyllite	ISO/IEC 17025	ISO/IEC 17025
Fibrous Tremolite	ISO/IEC 17025	ISO/IEC 17025

Quantification of Asbestos fibres in bulk samples of Soil (Following Identification by TM048) Stereo-microscopy, polarised light optical microscopy and dispersion staining Documented In-House Method **TM304**	
Analyte	Bulk Samples of Soil (Specifically: Soil)
Amosite	ISO/IEC 17025
Chrysotile	ISO/IEC 17025
Crocidolite	ISO/IEC 17025
Fibrous Actinolite	ISO/IEC 17025
Fibrous Anthophyllite	ISO/IEC 17025
Fibrous Tremolite	ISO/IEC 17025

SECTION 2 DETAIL OF ACCREDITATION FOR GAS ANALYSIS

Main Menu

Gases			
Volatile Organic Compounds			

Volatile Organic Compounds in Gases VOC by GCMS Documented In-House Method based on US EPA TO-15 **TM330**	
Analyte	Atmospheric, Sub-Slab and Soil Gases
1,1,1-Trichloroethane	ISO/IEC 17025
1,1,2,2-Tetrachloroethane	ISO/IEC 17025
1,1,2-Trichloroethane	ISO/IEC 17025
1,1-Dichloroethane	ISO/IEC 17025
1,1-Dichloroethene	ISO/IEC 17025
1,2,3-Trimethylbenzene	ISO/IEC 17025
1,2,4-Trichlorobenzene	ISO/IEC 17025
1,2,4-Trimethylbenzene	ISO/IEC 17025
1,2-Dibromoethane	ISO/IEC 17025
1,2-Dichlorobenzene	ISO/IEC 17025
1,2-Dichloroethane	ISO/IEC 17025
1,2-Dichloropropane	ISO/IEC 17025
1,2-Dichlorotetrafluoroethane	ISO/IEC 17025
1,3,5-Trimethylbenzene	ISO/IEC 17025
1,3-Butadiene	ISO/IEC 17025
1,4-Dichlorobenzene	ISO/IEC 17025
2-Butanone (MEK)	ISO/IEC 17025
2-Hexanone	ISO/IEC 17025
4-Methyl-2-pentanone	ISO/IEC 17025
Acrolein	ISO/IEC 17025

Volatile Organic Compounds in Gases
VOC by GCMS
Documented In-House Method based on US EPA TO-15
TM330

Analyte	Atmospheric, Sub-Slab and Soil Gases
Benzene	ISO/IEC 17025
Benzyl Chloride	ISO/IEC 17025
Bromodichloromethane	ISO/IEC 17025
Bromoform	ISO/IEC 17025
Bromomethane	ISO/IEC 17025
Carbon Disulfide	ISO/IEC 17025
Carbon Tetrachloride	ISO/IEC 17025
Chlorobenzene	ISO/IEC 17025
Chloroethane	ISO/IEC 17025
Chloroform	ISO/IEC 17025
Chloromethane	ISO/IEC 17025
cis-1,2-Dichloroethene	ISO/IEC 17025
cis-1,3-Dichloropropene	ISO/IEC 17025
Cyclohexane	ISO/IEC 17025
Dichlorodifluoromethane	ISO/IEC 17025
Ethylbenzene	ISO/IEC 17025
Hexane	ISO/IEC 17025
m/p-Xylene	ISO/IEC 17025
Methylene Chloride	ISO/IEC 17025
MTBE	ISO/IEC 17025
o-Xylene	ISO/IEC 17025
Styrene	ISO/IEC 17025
Tetrachloroethene	ISO/IEC 17025
Toluene	ISO/IEC 17025
trans-1,2-Dichloroethene	ISO/IEC 17025
trans-1,3-Dichloropropene	ISO/IEC 17025
Trichloroethene	ISO/IEC 17025
Trichlorofluoromethane	ISO/IEC 17025

Volatile Organic Compounds in Gases
VOC by GCMS
Documented In-House Method based on US EPA TO-15
TM330

Analyte	Atmospheric, Sub-Slab and Soil Gases
Trichlorotrifluoroethane	ISO/IEC 17025
Vinyl Acetate	ISO/IEC 17025
Vinyl Chloride	ISO/IEC 17025

SECTION 3 DETAIL OF ACCREDITATION FOR SOILS AND SLUDGE ANALYSIS

Main Menu

Inorganics			
Acid Extractable Fluoride	Acid Extractable Sulphate	Ammonium	Anions (Discrete Analyser)
Anions (IC)	Cyanide	Elemental Sulphur	Extractable Phosphorous (Olsen's Phosphorous)
Hexavalent Chromium	Loss On ignition	pH	Sulphide
Total Organic Carbon, Total Carbon and Sulphur	Total Solids & Total Ash Solids		

Metals			
Exchangeable Magnesium and Potassium	Mercury	Metals	Water Soluble Boron (10:1)

Organics			
Dichloromethane Extractable Compounds	Extractable Petroleum Hydrocarbons (EPH), in the range >C8 to C40	Gasoline Range Hydrocarbons, Total in the range >C5 to C12	Monohydric Phenols
PCB Congeners	Petroleum Hydrocarbons in the range >C8-C40	Polynuclear Aromatic Hydrocarbons (PAH)	Speciated Extractable Petroleum Hydrocarbons
Volatile Hydrocarbons			

SOILS AND SLUDGE - INORGANICS TESTS

Acid Extractable Fluoride Acid Extraction and Ion Selective Electrode Documented In-House Method **TM397** Where quoted MCERTS performance standard - chemical testing of SOILS	
Soil	Sludge
ISO/IEC 17025	ISO/IEC 17025

Main Menu Soil/Sludge

Acid Extractable Sulphate By ICP OES Documented In-House Method **TM221** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
MCERTS

Main Menu Soil/Sludge

Exchangeable Ammonium By Steam Distillation and Titration Documented In-House Method **TM024** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
MCERTS

Main Menu Soil/Sludge

Water Soluble Anions (2:1) By Automated Discrete Analyser Documented In-House Method **TM243** Where quoted MCERTS performance standard - chemical testing of SOILS	
Analyte	Soil
Chloride	MCERTS
Sulphate	MCERTS

Main Menu Soil/Sludge

Water Soluble Anions (2:1) By Ion Chromatography (IC) Documented In-House Method **TM019** Where quoted MCERTS performance standard - chemical testing of SOILS	
Analyte	Soil
Chloride	MCERTS
Bromide	MCERTS
Nitrate	MCERTS
Sulphate	MCERTS

Main Menu Soil/Sludge

Cyanide By segmented flow analyser Documented In-House Method based on AWWA/APHA 20th Edition – Method 4500 **TM153** Where quoted MCERTS performance standard - chemical testing of SOILS	
Analyte	Soil
Total Cyanide	MCERTS
Thiocyanate	MCERTS

Main Menu Soil/Sludge

Elemental Sulphur By HPLC Documented In-House Method **TM136** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
MCERTS

Main Menu Soil/Sludge

Extractable Phosphorous (Olsen's Phosphorous) By Discrete Analyser Documented In-House Method based upon The Analysis of Agricultural Materials, MAFF, Third edition, 1986 **TM229** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
ISO/IEC 17025

Main Menu Soil/Sludge

Hexavalent Chromium By Discrete Analyser Documented In-House Method **TM151** Where quoted MCERTS performance standard - chemical testing of SOILS	
Soil	Sludge
MCERTS	ISO/IEC 17025

Main Menu Soil/Sludge

Loss on Ignition By Gravimetry Documented In-House Method **TM018** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
MCERTS

Main Menu Soil/Sludge

pH By automated pH probe Documented In-House Method **TM133** Where quoted MCERTS performance standard - chemical testing of SOILS	
Soil	Sludge
MCERTS	ISO/IEC 17025

Main Menu Soil/Sludge

Sulphide By Ion Selective Electrode Documented In-House Method **TM180** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
MCERTS

Main Menu Soil/Sludge

Total Organic Carbon (TOC), Total Carbon and Sulphur
By Combustion Method
Documented In-House Method
TM132
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil	Sludge
Total Organic Carbon (TOC)	MCERTS	ISO/IEC 17025
Total Carbon	ISO/IEC 17025	None
Sulphur	ISO/IEC 17025	None

Main Menu Soil/Sludge

The Determination of Dry Solids residue at 105°C and the Total Ash after ignition at 550°C
By Gravimetric
Documented In-House Method
TM236
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil	Sludge
Dry Matter at 105°C	ISO/IEC 17025	ISO/IEC 17025
Total Ash at 550°C	ISO/IEC 17025	ISO/IEC 17025

Main Menu Soil/Sludge

SOILS AND SLUDGE - METALS TESTS

Exchangeable Magnesium and Potassium By ICP OES Documented In-House Method based on BS 3882:2015 **TM244** Where quoted MCERTS performance standard - chemical testing of SOILS	
Analyte	Soil
Exchangeable Magnesium	ISO/IEC 17025
Exchangeable Potassium	ISO/IEC 17025

Main Menu Soil/Sludge

Mercury By Cold Vapour Atomic Fluorescence Spectroscopy Documented In-House Method **TM418** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
ISO/IEC 17025

Main Menu Soil/Sludge

Metals By ICP-OES Documented In-House Method **TM181** Where quoted MCERTS performance standard - chemical testing of SOILS	
Analyte	Soil
Antimony	ISO/IEC 17025
Arsenic	MCERTS
Barium	ISO/IEC 17025
Beryllium	MCERTS
Boron	ISO/IEC 17025
Cadmium	MCERTS
Cobalt	MCERTS
Chromium	MCERTS
Copper	MCERTS

Metals
By ICP-OES
Documented In-House Method
TM181
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
Iron	ISO/IEC 17025
Lead	MCERTS
Manganese	MCERTS
Mercury	MCERTS
Molybdenum	ISO/IEC 17025
Nickel	MCERTS
Selenium	ISO/IEC 17025
Strontium	ISO/IEC 17025
Thallium	ISO/IEC 17025
Tin	ISO/IEC 17025
Vanadium	ISO/IEC 17025
Zinc	MCERTS

Main Menu Soil/Sludge

Water Soluble Boron (10:1)
By ICP-OES
Documented In-House Method
TM222
Where quoted MCERTS performance standard - chemical testing of SOILS

Soil
MCERTS

Main Menu Soil/Sludge

SOILS AND SLUDGE - ORGANIC TESTS

Dichloromethane Extractable Compounds By Solvent Extraction Apparatus Documented In-House Method **TM004** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
ISO/IEC 17025

Main Menu Soil/Sludge

Extractable Petroleum Hydrocarbons (EPH), in the range >C8 to C40 By Solvent Extraction and GCxGC-FID Documented In-House Method **TM415** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
MCERTS

Main Menu Soil/Sludge

Gasoline Range Hydrocarbons, Total in the range >C5 to C12 By Headspace GC-FID Documented In-House Method based on USEPA Methods 8020 and 602 **TM089** Where quoted MCERTS performance standard - chemical testing of SOILS
Soil
MCERTS

Main Menu Soil/Sludge

Monohydric Phenols By HPLC Documented In-House Method based on MEWAM Book 124-1988/Second Site Property, March 2003, Method 17.7 **TM062** Where quoted MCERTS performance standard - chemical testing of SOILS	
Analyte	Soil
phenol	MCERTS

Monohydric Phenols
By HPLC
Documented In-House Method based on MEWAM Book 124-1988/Second Site Property, March 2003, Method 17.7
TM062
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
cresols	MCERTS
xylenols	MCERTS
2,3,5-trimethyl phenol	MCERTS
2-isopropylphenol	MCERTS
Total - Sum of the above 5 Monohydric Phenols	MCERTS

Main Menu Soil/Sludge

PCB Congeners
By GC-MS
Documented In-House Method
TM168
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
PCB 28	MCERTS
PCB 52	MCERTS
PCB 77	MCERTS
PCB 81	MCERTS
PCB 101	MCERTS
PCB 105	MCERTS
PCB 114	MCERTS
PCB 118	MCERTS
PCB 123	MCERTS
PCB 126	MCERTS
PCB 138	MCERTS
PCB 153	MCERTS
PCB 156	MCERTS
PCB 157	MCERTS
PCB 167	MCERTS
PCB 169	MCERTS

PCB Congeners
By GC-MS
Documented In-House Method
TM168
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
PCB 180	MCERTS
PCB 189	MCERTS

Main Menu Soil/Sludge

Petroleum Hydrocarbons in the range >C8 to C40
By GC-FID
Documented In-House Method
TM154
Where quoted MCERTS performance standard - chemical testing of SOILS

Soil
ISO/IEC 17025

Main Menu Soil/Sludge

Polynuclear Aromatic Hydrocarbons (PAH)
By Solvent Extraction and GC-MS
Documented In-House Method
TM218
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
Naphthalene	MCERTS
Acenaphthylene	MCERTS
Acenaphthene	MCERTS
Fluorene	MCERTS
Phenanthrene	MCERTS
Anthracene	MCERTS
Fluoranthene	MCERTS
Pyrene	MCERTS
Benz(a)anthracene	MCERTS
Chrysene	MCERTS
Benzo(b)fluoranthene	MCERTS

Polynuclear Aromatic Hydrocarbons (PAH)
By Solvent Extraction and GC-MS
Documented In-House Method
TM218
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
Benzo(k)fluoranthene	MCERTS
Benzo(a)pyrene	MCERTS
Indeno(123cd)pyrene	MCERTS
Dibenzo(ah)anthracene	MCERTS
Benzo(ghi)perylene	MCERTS

Main Menu Soil/Sludge

Speciated Extractable Petroleum Hydrocarbons:
By GCxGC-FID
Documented In-House Method
TM414
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
Total EPH >C10-C40	ISO/IEC 17025
Aliphatic >C10-C12	ISO/IEC 17025
Aliphatic >C12-C16	ISO/IEC 17025
Aliphatic >C16-C21	ISO/IEC 17025
Aliphatic >C21-C35	ISO/IEC 17025
Aliphatic >C35-C40	ISO/IEC 17025
Aromatic >C10-C12	ISO/IEC 17025
Aromatic >C12-C16	ISO/IEC 17025
Aromatic >C16-C21	ISO/IEC 17025
Aromatic >C21-C35	ISO/IEC 17025
Aromatic >C35-C40	ISO/IEC 17025
Total Aliphatic >C10-C40	ISO/IEC 17025
Total Aromatic >C10-C40	ISO/IEC 17025

Main Menu Soil/Sludge

Volatile Hydrocarbons
By Headspace GC-MS
Documented In-House Method based on USEPA Methods 8240, 8120, 8020, 624, 610 and 602
TM116
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
Dichlorodifluoromethane	ISO/IEC 17025
Chloromethane	ISO/IEC 17025
Vinyl Chloride	MCERTS
Bromomethane	MCERTS
Chloroethane	MCERTS
Trichlorofluoromethane	MCERTS
Trans-1,2-dichloroethene	MCERTS
Dichloromethane	ISO/IEC 17025
Chloroform	MCERTS
1,1,1-trichloroethane	MCERTS
1,1-dichloropropene	MCERTS
Benzene	MCERTS
carbon tetrachloride	MCERTS
dibromomethane	MCERTS
1,2-dichloropropane	MCERTS
bromodichloromethane	MCERTS
trichloroethene	ISO/IEC 17025
cis-1,3dichloropropene	MCERTS
1,1,2-trichloroethane	MCERTS
Toluene	MCERTS
1,3-dichloropropane	MCERTS
dibromochloromethane	MCERTS
tetrachloroethene	MCERTS
1,1,1,2-tetrachloroethane	MCERTS
chlorobenzene	MCERTS
ethylbenzene	MCERTS
m/p-xylene	ISO/IEC 17025
Bromoform	MCERTS

Volatile Hydrocarbons
By Headspace GC-MS
Documented In-House Method based on USEPA Methods 8240, 8120, 8020, 624, 610 and 602
TM116
Where quoted MCERTS performance standard - chemical testing of SOILS

Analyte	Soil
o-xylene	MCERTS
1,2,3-trichloropropane	MCERTS
isopropylbenzene	ISO/IEC 17025
bromobenzene	MCERTS
2-chlorotoluene	MCERTS
propylbenzene	MCERTS
4-chlorotoluene	MCERTS
1,2,4-trimethylbenzene	ISO/IEC 17025
1,3-dichlorobenzene	MCERTS
1,4-dichlorobenzene	MCERTS
Carbon disulphide	MCERTS
1,1-dichloroethene	ISO/IEC 17025
1,1-dichloroethane	MCERTS
cis-1,2-dichloroethene	MCERTS
bromochloromethane	MCERTS
1,2-dibromoethane	MCERTS
Styrene	ISO/IEC 17025
1,3,5-trimethylbenzene	MCERTS
tert-butylbenzene	ISO/IEC 17025
1,2-dichlorobenzene	MCERTS
naphthalene	MCERTS
1,2,3-trichlorobenzene	ISO/IEC 17025
Tert-butyl methyl ether	MCERTS
1,2-Dichloroethane	MCERTS
Tert-amyl methyl ether	ISO/IEC 17025
1,1,2,2-Tetrachloroethane	ISO/IEC 17025

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ALS Laboratories (UK) Limited

Issue No: 149 **Issue date:** 12 August 2026

Testing performed by the Organisation at the locations specified

SECTION 4 DETAIL OF ACCREDITATION FOR WATERS ANALYSIS

Main Menu

Inorganics

Ferrous Iron	Ammonium	Anions (IC)	Anions (Discrete Analyser)
Hexavalent Chromium	Low Level Hexavalent Chromium	Total Oxidised Nitrogen (TON)	Fluoride
Sulphide	Dissolved Oxygen	Biochemical Oxygen Demand (BOD)	Chemical Oxygen Demand (COD)
pH, EC, Total Dissolved Solids and Alkalinity	Suspended Solids	Total Dissolved Solids (Gravimetric)	Turbidity
Cyanide	Cyanide (Low Level)	Total Organic/Inorganic Carbon	Total Nitrogen

Metals

Dissolved and Total Metals	Dissolved and Total Mercury	Dissolved and Total Metals (MCert)	

Organics

Gasoline Hydrocarbons	TPH- IR	Extractable Petroleum Hydrocarbons	Semi-Volatile Organic Compounds
Volatile Hydrocarbons	Volatile Fatty Acids	Monohydric Phenols	Polynuclear Aromatic Hydrocarbons
Volatile Hydrocarbons (Low Level)	Cypermethrin	Perfluorinated substances (PFAS)	Poly & Perfluorinated Alkyl Substances (PFAS)

WATERS - INORGANICS TESTS

Main Menu Waters

Ammonium
Ammonium by Automated Discrete Analyser based on BS 2690 Part 7:1968/
BS 6068:Part 2.11:1984
Documented In-House Method
TM099
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Ammoniacal Nitrogen as N and NH3	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	None	ISO/IEC 17025

Main Menu Waters

Anions (IC)
Anions by ion chromatography
Documented In-House Method
TM226
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Bromide	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Chloride	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Fluoride	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Nitrate	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Nitrate as N and NO3	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Nitrite	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Nitrite as N and NO2	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Total Oxidised Nitrogen (TON) as N	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Phosphate	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Sulphate	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None

Main Menu Waters

Anions
Anions by Automated Discrete Analyser
Documented In-House Method
TM184
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Chloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Nitrite as N and NO2	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025
Total Oxidised Nitrogen (TON) as N and NO3	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Total Inorganic Nitrogen (by Calculation)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Phosphate as P and PO4	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025
Sulphate as S and SO4	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025
Nitrate (Calculated) as N and NO3	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None

Main Menu Waters

Total Oxidised Nitrogen (TON) as N and NO3
Total Oxidised Nitrogen by Automated Discrete analyser
Documented In-House Method
TM281

Analyte	Saline Water
Total Oxidised Nitrogen (TON) as N and NO3	ISO/IEC 17025
Nitrate (Calculated) as N and NO3	ISO/IEC 17025

Main Menu Waters

Hexavalent Chromium
Hexavalent Chromium by Automated Discrete Analyser
Documented In-House Method
TM241
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Potable Water (non-regulatory)	Saline Water
Hexavalent Chromium	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Main Menu Waters

Low Level Hexavalent Chromium
Hexavalent Chromium by Automated Discrete Analyser
Documented In-House Method
TM331
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Potable Water (non-regulatory)	Saline Water
Hexavalent Chromium	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	ISO/IEC 17025

Main Menu Waters

Low Level Hexavalent Chromium
Low Level Hexavalent Chromium by Ion Chromatography
Documented In-House Method
TM443

Analyte	Ground Water	Surface Water	Final Effluent
Hexavalent Chromium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Main Menu Waters

Fluoride
Fluoride by Automated Discrete Analyser
Documented In-House Method
TM104
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Potable Water (non-regulatory)	Saline Water
Fluoride	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

Main Menu Waters

Sulphide
Sulphide by Automated Discrete Analyser
Documented In-House Method
TM101
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Potable Water (non-regulatory)	Saline Water
Sulphide	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Main Menu Waters

Dissolved Oxygen
Dissolved Oxygen by Titration (including Auto-titrator)
Documented In-House Method
TM187
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Dissolved Oxygen	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

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Biochemical Oxygen Demand
Biochemical Oxygen Demand based on MEWAM BOD5, 2nd Edition 1988/AWWA/ APHA, 20th Edition - Method 5210B
Documented In-House Method
TM045 (PM210-Settled Prep)
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Biochemical Oxygen Demand (BOD) Total	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Biochemical Oxygen Demand (BOD) Settled	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

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Chemical Oxygen Demand
Chemical Oxygen Demand by Tube Test
Documented In-House Method
TM107 (PM210-Settled Prep)
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Chemical Oxygen Demand (COD) Total	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None
Chemical Oxygen Filtered	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Chemical Oxygen Demand (COD) Settled	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

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pH, EC, Total Dissolved Solids and Alkalinity
Combined Skalar Automated pH and EC by meter, Total Dissolved Solids (calculation) and Alkalinity by Auto titrator
Documented In-House Method
TM256
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
pH	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Electrical Conductivity	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Alkalinity	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Total Dissolved Solids (TDS) Calculation	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None

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Suspended Solids
Suspended Solids by Gravimetric Determination based on BS 2690:Part 120:1981
Documented In-House Method
TM022 (PM210-Settled Prep)
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Total Suspended Solids	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	None	ISO/IEC 17025	ISO/IEC 17025

Suspended Solids
Suspended Solids by Gravimetric Determination based on BS 2690:Part 120:1981
Documented In-House Method
TM022 (PM210-Settled Prep)
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Total Suspended Solids (settled)	None	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None
Total Neutralised Suspended Solids	None	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None
Total Neutralised Suspended Solids (settled)	None	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None
Volatile Suspended Solids at 500°C	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None
Non-volatile Suspended Solids at 500°C	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None

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Total Dissolved Solids (Gravimetric)
Total Dissolved Solids by Gravimetric Determination based on BS 2690:Part 121:1981
Documented In House Method
TM021
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Total Dissolved Solids	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

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Turbidity
Turbidity by nephelometry
Documented In-House Method
TM195
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Turbidity	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None

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Cyanide
Cyanide by Segmented Flow Analyser
Documented In-House Method
TM227
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Total Cyanide	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025
Easily Liberated (Free) Cyanide	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025
Thiocyanate	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025

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Cyanide (Low Level)
Cyanide by Segmented Flow Analyser
Documented In-House Method
TM279
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Total Cyanide	ISO/IEC 17025	ISO/IEC 17025	None	None	ISO/IEC 17025	ISO/IEC 17025	None	None
Easily Liberated (Free) Cyanide	ISO/IEC 17025	ISO/IEC 17025	None	None	ISO/IEC 17025	ISO/IEC 17025	None	None

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Total Organic/Inorganic Carbon
Total Organic/Inorganic Carbon by TOC analyser
Documented In-House Method
TM090
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Total Organic Carbon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	ISO/IEC 17025
Total Inorganic Carbon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None

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Ferrous Iron
Ferrous Iron using Colorimetry
Documented In-House Method
TM125
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Ferrous Iron	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None

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Total Nitrogen
Total Nitrogen by Skalar
Documented In-House Method
TM212
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Total Nitrogen	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	None	None
Calculation of Kjeldahl Nitrogen	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None

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WATERS - METALS TESTS

Dissolved and Total Metals
Dissolved and Total Metals by ICP-MS with KED
Documented In-House Method
TM152
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Dissolved Metals:							
Aluminium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Antimony	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	ISO/IEC 17025	None
Arsenic	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Barium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Beryllium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Bismuth	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Boron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Cadmium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Calcium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Chromium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Cobalt	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Copper	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Iron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Lead	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Lithium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Magnesium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Manganese	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Molybdenum	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Nickel	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Potassium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Phosphorus	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Selenium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Silver	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Sodium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None

Dissolved and Total Metals
Dissolved and Total Metals by ICP-MS with KED
Documented In-House Method
TM152
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Strontium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Titanium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Tungsten	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Uranium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Vanadium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Zinc	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Total Metals:							
Aluminium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Antimony	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Arsenic	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Barium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Beryllium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Bismuth	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Boron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Cadmium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Calcium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Chromium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Cobalt	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Copper	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Iron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Lead	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Lithium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Magnesium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Manganese	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Molybdenum	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Nickel	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None

Dissolved and Total Metals
Dissolved and Total Metals by ICP-MS with KED
Documented In-House Method
TM152
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Potassium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Phosphorus	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Selenium	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	ISO/IEC 17025	None
Silver	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Sodium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Strontium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Titanium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Tungsten	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Uranium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Vanadium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None
Zinc	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None

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Dissolved and Total Mercury
Dissolved and Total Mercury by Cold Vapour Atomic Fluorescence Spectroscopy
Documented In-House Method
TM183
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Dissolved Mercury	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Total Mercury	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025

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Dissolved and Total Metals (MCerts)
Dissolved and Total Metals by ICPMS with Kinetic Energy Discrimination (KED)
Documented In-House Method
TM377
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Dissolved Metals:							
Aluminium	None	None	MCERTS	MCERTS	MCERTS	None	None
Arsenic	None	None	MCERTS	MCERTS	MCERTS	None	None
Cadmium	None	None	MCERTS	MCERTS	MCERTS	None	None
Chromium	None	None	MCERTS	MCERTS	MCERTS	None	None
Cobalt	None	None	MCERTS	MCERTS	MCERTS	None	None
Copper	None	None	MCERTS	MCERTS	MCERTS	None	None
Iron	None	None	MCERTS	MCERTS	MCERTS	None	None
Lead	None	None	MCERTS	MCERTS	MCERTS	None	None
Nickel	None	None	MCERTS	MCERTS	MCERTS	None	None
Phosphorus	None	None	MCERTS	MCERTS	MCERTS	None	None
Selenium	None	None	MCERTS	MCERTS	MCERTS	None	None
Zinc	None	None	MCERTS	MCERTS	MCERTS	None	None
Total Metals:							
Aluminium	None	None	MCERTS	MCERTS	MCERTS	None	None
Arsenic	None	None	MCERTS	MCERTS	MCERTS	None	None
Cadmium	None	None	MCERTS	MCERTS	MCERTS	None	None
Chromium	None	None	MCERTS	MCERTS	MCERTS	None	None
Cobalt	None	None	MCERTS	MCERTS	MCERTS	None	None
Copper	None	None	MCERTS	MCERTS	MCERTS	None	None
Iron	None	None	MCERTS	MCERTS	MCERTS	None	None
Lead	None	None	MCERTS	MCERTS	MCERTS	None	None
Nickel	None	None	MCERTS	MCERTS	MCERTS	None	None
Phosphorus	None	None	MCERTS	MCERTS	MCERTS	None	None
Zinc	None	None	MCERTS	MCERTS	MCERTS	None	None

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WATERS - ORGANICS TESTS

Gasoline Hydrocarbons
Banded and Total Gasoline Hydrocarbons by Headspace GC-FID
Documented In-House Method based on USEPA Methods 8020 and 602
TM245
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Total in the range >C5-C12	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
>C6-C8	None	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
>C8-C10	None	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
>C10-C12	None	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
Benzene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
Toluene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
Ethyl Benzene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
o-xylene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
m/p-xylene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
MTBE	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None
TAME	ISO/IEC 17025	None	None	None	None	None	None

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Total Petroleum Hydrocarbons
TPH by Infra-red
Documented In-House Method
TM235
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Total Petroleum Hydrocarbons	ISO/IEC 17025	None	None	ISO/IEC 17025	ISO/IEC 17025	None	None

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Extractable Petroleum Hydrocarbons
Extractable Petroleum Hydrocarbons by GC-FID
Documented In-House Method
TM172
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
Extractable Petroleum Hydrocarbons C10-C40	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	None	ISO/IEC 17025

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Semi-Volatiles Organic Compounds (SVOCs)
SVOCs by GC-MS
Documented In-House Method
TM176
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate
Bis(2-chloroethyl)ether	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2-Chlorophenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
1,4-Dichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
1,3-Dichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
1,2-Dichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2-Methylphenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
N-nitrosodi-n-propylamine	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Hexachloroethane	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
4-Methylphenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Nitrobenzene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Isophorone	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2-Nitrophenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2,4-Dimethylphenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Bis(2-chloroethoxy)methane	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2,4-Dichlorophenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
1,2,4-Trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Naphthalene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Hexachlorobutadiene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None

Semi-Volatiles Organic Compounds (SVOCs)
SVOCs by GC-MS
Documented In-House Method
TM176
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate
4-Chloro-3-methylphenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2-Methylnaphthalene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2,4,6-Trichlorophenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2,4,5-Trichlorophenol	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2-Chloronaphthalene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2-Nitroaniline	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Dimethyl phthalate	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Acenaphthylene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2,6-Dinitrotoluene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Acenaphthene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Dibenzofuran	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
2,4-Dinitrotoluene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Fluorene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Diethyl phthalate	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
4-Chlorophenylphenylether	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
4-Nitroaniline	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Azobenzene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
4-Bromophenylphenylether	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Hexachlorobenzene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Phenanthrene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Anthracene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Di-n-butylphthalate	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Carbazole	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Pyrene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Butylbenzylphthalate	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Benz(a)anthracene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Chrysene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None

Semi-Volatiles Organic Compounds (SVOCs)
SVOCs by GC-MS
Documented In-House Method
TM176
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate
Bis(2-ethylhexyl)phthalate	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Di-n-octylphthalate	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Benzo(b)fluoranthene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Benzo(k)fluoranthene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Benzo(a)pyrene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Indeno(1,2,3-cd)pyrene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Dibenzo(a,h)anthracene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None
Benzo(ghi)perylene	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None

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Volatile Hydrocarbons
Volatile Hydrocarbons by Headspace GC-MS
Documented In-House Method
TM208
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate
Chloromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Vinyl Chloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dichloromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1-dichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
tert-butyl methyl ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
cis-1,2-dichloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
bromochloromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
chloroform	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1,1-trichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1-dichloropropene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
benzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
dibromomethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Hydrocarbons
Volatile Hydrocarbons by Headspace GC-MS
Documented In-House Method
TM208
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate
trichloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1,2-trichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
toluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,3-dichloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2-dibromoethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
tetrachloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
chlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
m/p-xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
styrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
o-xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2,3-trichloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
isopropylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
bromobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2-chlorotoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
propylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-chlorotoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
n-butylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
naphthalene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
carbon tetrachloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trans-1,2-dichloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
ethylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2-dichloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
bromomethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tert-amyl methyl ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trichlorofluoromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1-dichlorethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Carbon disulphide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bromodichlormethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Hydrocarbons
Volatile Hydrocarbons by Headspace GC-MS
Documented In-House Method
TM208
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate
trans-1,3-dichloropropene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dibromchloromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1,1,2-tetrachloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bromoform	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,3,5-trimethylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tert-butylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2,4-trimethylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sec-butylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-isopropyltoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,3-dichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,4-dichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2,4-trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2-dichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1,2,2-tetrachloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2-dichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cis-1,3-dichloropropene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Hexachlorobutadiene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2,3-trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

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Volatile Fatty Acids
Volatile Fatty Acids by GC-FID
Documented In-House Method
TM201
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Acetic acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Propionic Acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Isobutyric Acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

Volatile Fatty Acids
Volatile Fatty Acids by GC-FID
Documented In-House Method
TM201
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Butyric Acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Isovaleric Acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Valeric Acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Caproic Acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Heptanoic Acid	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

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Monohydric Phenols
Monohydric Phenols by HPLC
Documented In-House Method
TM259
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Potable Non-Regulatory	Saline Water
Phenol	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Cresols	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Xylenols	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Sum of the above 3 Monohydric Phenols	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
2,3,5-trimethylphenol	None	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
2-isopropylphenol	None	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Total Speciated 5 Phenols (sum of the monhydric phenols, 2,3,5-TrimethylPhenol and 2-isopropylPhenol	None	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None

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Polynuclear Aromatic Hydrocarbons (PAHs)
PAHs by GC-MS
Documented In-House Method
TM178
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Naphthalene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Acenaphthylene[2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Acenaphthene[2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Fluorene[2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Phenanthrene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Anthracene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Fluoranthene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Pyrene[2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Benz(a)anthracene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Chrysene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Benzo(b)fluoranthene[2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Benzo(k)fluoranthene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Benzo(a)pyrene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Indeno(1,2,3-cd)pyrene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Dibenzo(a,h)anthracene[2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Benzo(g,h,i)perylene[1,2]	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Sum of “Dutch 10” PAHs (annotated [1])	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Sum of “EPA 16” PAHs (annotated [2])	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025

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Volatile Hydrocarbons (Low Level)
VOC by Headspace GC-MS
Documented In-House Method
TM265
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Saline Water
Vinyl Chloride	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,1,1,2-tetrachloroethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,1,1-Trichloroethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,1,2,2-Tetrachloroethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,1,2-Trichloroethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,1-Dichloroethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,1-Dichloroethene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,1-Dichloropropene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2,3-Trichlorobenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2,3-Trichloropropane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2,4-Trichlorobenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2,4-Trimethylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2-Dibromo-3-Chloropropane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2-Dibromoethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2-Dichlorobenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2-Dichloroethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,2-Dichloropropane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,3,5-Trimethylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,3-Dichlorobenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,3-Dichloropropane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
1,4-Dichlorobenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
2-Chlorotoluene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
4-Chlorotoluene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
4-Isopropyltoluene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Benzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Bromobenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Bromochloromethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Bromodichloromethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025

Volatile Hydrocarbons (Low Level)
VOC by Headspace GC-MS
Documented In-House Method
TM265
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Saline Water
Bromoform	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Carbon tetrachloride	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Chlorobenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Chloroethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Cis-1,2-Dichloroethene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Cis-1,3-Dichloropropene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Dibromochloromethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Dibromomethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Ethylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Hexachlorobutadiene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Isopropylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Naphthalene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
n-Butylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
o-Xylene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
p/m-Xylene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Propylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Sec-Butylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Styrene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Tert-Butylbenzene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Tetrachloroethene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Toluene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Trans-1,2-Dichloroethene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Trans-1,3-Dichloropropene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Trichloroethene	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025
Trichlorofluoromethane	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025

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Cypermethrin
Cypermethrin by LC-MS-MS
Documented In-House Method
TM422
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water
Cypermethrin	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	ISO/IEC 17025

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Poly & Perfluorinated Alkyl Substances (PFAS)
Poly & Perfluorinated Alkyl Substances (PFAS) by SPE & LC-MS-MS
Documented In-House Method
TM434
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
PFBA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFMOPrA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
3:3FTCA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFPeA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFMOBA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
4:2FTS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
NFDHA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFBS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFHxA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
HFPO-DA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFEESA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFHpA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFPeS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
5:3FTCA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
ADONA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
6:2FTS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
FBSA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None

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PFOA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFHxS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFNA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFecHS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFHpS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
8:2FTS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
HFPO-TA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
7:3FTCA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFDA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
MeFOSAA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFOS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
EtFOSAA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
FHxSA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFUnA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
9Cl-PF3ONS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFNS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFDoA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFDS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFTrDA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
11Cl-PF3OUdS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFOSA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFUndS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFTeA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFDoS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFTrDS	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None

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Analyte	Surface Water	Ground Water	Untreated Sewage	Treated Sewage	Trade Effluent	Landfill Leachate	Saline Water	Potable Non-Regulatory
MeFOSE	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFHxDA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
N-MeFOSA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
EtFOSE	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
N-EtFOSA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None
PFODA	ISO/IEC 17025	ISO/IEC 17025	None	None	None	None	None	None

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