Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

UKAS TESTING **1314** **Accredited to ISO/IEC 17025:2017**	**ALS Laboratories (UK) Limited** **Issue No:** 187 **Issue date:** 08 September 2026	
	Torrington Avenue **Coventry** **West Midlands** **CV4 9GU**	**Contact: Mr Christopher Caird** **Tel: +44 (0)2476 421213** **E-Mail: christopher.caird@alsglobal.com** **Website: www.alsenvironmental.co.uk**

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Coventry Laboratory Torrington Avenue Coventry West Midlands CV4 9GU	**Local contact:** Ms C Peacock Tel: +44 (0)2476 856458 E-Mail: claire.peacock@alsglobal.com	Testing: Inorganic chemistry Organic chemistry Microbiology	Coventry
Address Wakefield Laboratory Unit 11, Silkwood Park Janes Hill Off Albert Drive Wakefield WF5 9TG	**Local contact:** Mr J Mace Tel: +44 (0)1924 818108 E-Mail: jonathan.mace@alsglobal.com	Testing: Inorganic chemistry Organic chemistry Microbiology Radiochemistry	Wakefield
Address DOL Laboratory Units 7 & 8 Hawarden Business Park Manor Road, off Manor Lane Hawarden Deeside CH5 3US	**Local contact:** Mr J Mace Tel: +44 (0)1924 818108 E-Mail: jonathan.mace@alsglobal.com	Testing: Inorganic chemistry Organic chemistry	DOL
Address Dublin Service Centre Unit D12, North City Enterprise Park, North Road Dublin 11	**Local contact:** Mr C Caird Tel: +44 (0)2476 421213 E-Mail: christopher.caird@alsglobal.com	Customer Services / Contract Review, Courier Services, Sample Registration and Storage	Dublin

1314 Accredited to ISO/IEC 17025:2017	**Schedule of Accreditation** issued by **United Kingdom Accreditation Service** 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK
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Site activities performed away from the locations listed above:

Location details	Activity
Sewage Treatment Works Water Treatment Works	Sampling and on-site testing
Customer taps and service reservoirs	Sampling and on-site testing
Customer Sites requiring Gas sampling	Sampling of Landfill gases Sampling of Biogenic gases
Customer Sites requiring Wastewater sampling	Sampling of Ground Water, Surface Water and Trade effluent
Customer Sites requiring sampling for Legionella analysis	Sampling of Drinking Water (non-regulatory), Process Water and Recreational water

This schedule is ordered as follows:

Section 1 Coventry Laboratory

Section 2 Wakefield Laboratory

Section 3 DOL Laboratory

Section 4 Sampling and On-site testing

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

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SECTION 1 DETAIL OF ACCREDITATION at the COVENTRY LABORATORY

Coventry Tests – Inorganics			
Alkalinity	Biological Oxygen Demand (BOD)	Chemical Oxygen Demand (COD)	Colour
Colour Scan	Cyanide	Dissolved Oxygen (DO)	Fluoride
Formaldehyde	Hexavalent Chromium	Inhalable & Respirable Particulate Matter	Monohydroxyphenol
Nutrients	Particulate Matter	PM10 or PM2.5 Particulate Matter	pH & Conductivity
Sulphide	Suspended Solids & Ashed Solids	Total and Kjeldahl Nitrogen	Total Organic Carbon (TOC)
Total Solids	Total Solids & Dissolved Solids	Turbidity	

Coventry Tests – Metals			
Copper & Silver	Mercury	Metals by ICP-MS	Metals by ICP-OES
Metals by ICP-MS			

Coventry Tests – Organics			
Acid Herbicides and Benzonitrile Herbicides	Benzotrizole & Tolytriazole	Bisphenol A	Bromide, Sulphate and Chloride
BTEX, Trihalomethanes, Chlorinated Solvents, Styrene, and MTBE	Dissolved Oestrogenic Steroids	Emerging Organic Contaminants by HRAM-LCMS	Emerging Organic Contaminants by LCMSMS
Extractable Hydrocarbons (EH) C6-C40	Extractable Petroleum Hydrocarbons (EPH) C10-C44	6:2 and 8:2 FTOH	Hexabromocyclododecane (HBCDD)
Low Level Volatile Organic Compounds by Headspace GCMS	Mecoprop	Organotins	Pesticides

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Coventry Tests – Organics			
Phenoxyalkanoic Herbicides and Phenolic Compounds	Phosphate Esters	Polynuclear Aromatic Hydrocarbons	Polynuclear Aromatic Hydrocarbons (DLLME)
Poly and Perfluorinated Alkyl Substances (PFAS)	Pyridine	Semi Volatile Organic Compounds (SVOCs)	Solvents by Headspace GCMS
Substituted Urea Herbicides	Trace Level Pesticides by GC-MSMS with NCI	Trace Level Pesticides and Selected Non-Polar Organic Compounds by GC-MSMS EI	Volatile Fatty Acids
Volatile Organic Compounds by Headspace GCMS	Volatile Petroleum Hydrocarbons C5-C10		

Coventry Tests – Microbiology & Cryptosporidium			
Algae	Chlorophyll a	Clostridia	Cryptosporidium
E. coli per gram dry weight by membrane filtration	E coli per gram dry weight MPN	Enterococci	Enterococci in Waste & Environmental Waters
Giardia	Heterotrophic plate count	Legionella	Pseudomonas aeruginosa
Pseudomonas spp	Salmonella spp	Taste and Odour	Total coliforms and E. coli
Total Coliforms, Faecal Coliforms and E. coli in Waste & Environmental Waters	Total Viable Count in Process and Purified Waters	Zooplankton	

INORGANICS TESTS - COVENTRY LABORATORY

Alkalinity
Autotitration
Documented In-House Method Based Upon
(ISBN 0117516015, 1981)
WAS025

Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate	Process Water	Recreational Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Biochemcial Oxygen Demand (BOD)
BOD robot and oxygen probes
Documented In-House Method Based Upon
(BS EN ISO 5815-1:2019)
WAS001
Where quoted MCERTS performance standard - chemical testing of WATERS

Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Prepared Leachate
ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025

Chemical Oxygen Demand (COD)
Closed digestion with colorimetric analysis
Documented In-House Method Based Upon
(ISBN: 011 7519154, 1986)
WAS040
Where quoted MCERTS performance standard - chemical testing of WATERS

Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Prepared Leachate
ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025

Colour
Spectrophotometric Analysis
Documented In-House Method Based Upon
(ISBN: 0117519553, 1981)
WAS065

Surface Water	Treated Sewage	Trade to Sewer	Process Water	Recreational Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Colour Scan
Spectrophotometric Analysis
Documented In-House Method
WAS027
Where quoted MCERTS performance standard - chemical testing of WATERS

Treated Sewage	Trade to Sewer	Trade to controlled
MCERTS	MCERTS	MCERTS

Cyanide
Continuous flow with UV digestion where required
Documented In-House Method Based Upon
(ISBN: 0117522198, 1988)
WAS018
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Process Water	Untreated Sewage
Free Cyanide	ISO/IEC 17025	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Total Cyanide	ISO/IEC 17025	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Complex Cyanide (calculation)	None	None	MCERTS	ISO/IEC 17025	None	ISO/IEC 17025	None	None
Cyanide: Total excluding iron cyanides	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Dissolved Oxygen
Titration
Documented In-House Method
WAS052

Ground Water	Treated Sewage
ISO/IEC 17025	ISO/IEC 17025

Fluoride
Ion Selective Electrode
Documented In-House Method Based Upon
(ISBN 011 751662 7, 1982)
WAS029

Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate	Process water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Free Formaldehyde
Konelab discrete analyser
Documented In-House Method Based Upon
(ISBN: 0117516902, 1982)
WAS030

Treated Sewage	Trade to Sewer	Trade to Controlled
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Inhalable & Respirable Particulate Matter
Gravimetry
Documented In-House Method Based Upon
(MDHS 14/4:2014)
Method 75

Filter Papers
ISO/IEC 17025

Monohydroxyphenol
Colorimetric by Continuous flow
Documented In-House Method Based Upon
(ISBN: 0-87553-161-X, 1990)
WAS019
Where quoted MCERTS performance standard - chemical testing of WATERS

Ground Water	Treated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate
ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Nutrients
Konelab discrete analyser
Documented In-House Method
WAS036
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Clean Process Water	Recreational Water
Ammonia	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Total Oxidised Nitrogen (TON)	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrate (calculation)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrite	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Orthophosphate	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sulphate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Nutrients Low Level
Konelab discrete analyser
Documented In-House Method
WAS067
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Ground Water	Treated Sewage	Trade to Sewer
Ammonia	ISO/IEC 17025	MCERTS	ISO/IEC 17025

Particulate Matter
Gravimetry
Documented In-House Method Based Upon
(Vallack Protocol, 1995)
Method 74

Washings Collected using Frisbee Deposition Gauges

ISO/IEC 17025

pH & Conductivity
Automated and Manual probe
Documented In-House Method Based Upon
(ISBN: 0117514284, 1978)
WAS039
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Process Water	Recreational Water
pH	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Conductivity (Automated)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None	ISO/IEC 17025	ISO/IEC 17025	None
Conductivity (Manual)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None	ISO/IEC 17025	ISO/IEC 17025	None

PM10 or PM2.5 Particulate Matter
Gravimetry
Documented In-House Method Based Upon
(BS EN 12341:2014)
Method 76

Filter Papers
ISO/IEC 17025

Suspended Solids & Ashed Solids @ 450ºC
Gravimetric Analysis
Documented In-House Method Based Upon
(ISBN: 011751957X, 1980)
WAS006
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Prepared Leachate	Process Water	Recreational Water
Suspended Solids	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ashed Solids	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None

Total and Kjeldahl Nitrogen
Continuous flow with UV/persulphate oxidation
Documented In-House Method
WAS022
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Surface Water
Total Nitrogen	MCERTS	MCERTS	MCERTS	MCERTS	ISO/IEC 17025
Kjeldhal Nitrogen (calculation)	MCERTS	MCERTS	MCERTS	MCERTS	ISO/IEC 17025

Total Dissolved Solids @ 180°C
Gravimetric Analysis
Documented In-House Method Based Upon
(ISBN: 011751957X, 1980)
WAS010

Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate	Process Water	Recreational Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total Solids @ 105°C
Gravimetric Analysis
Documented In-House Method Based Upon
(ISBN: 011751957X, 1980)
WAS010

Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Process Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total Organic Carbon (TOC)

IR Analysis
Documented In-House Method Based Upon
(ISBN: 0117529796, 1995)

WAS005

Ground Water	Treated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total Organic Carbon (TOC)

NDIR Analysis
Documented In-House Method

WAS073

Ground Water	Surface Water	Treated Sewage	Trade to Sewer	Trade to Controlled
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Dissolved Organic Carbon (DOC)

NDIR Analysis
Documented In-House Method

WAS073

Surface Water	Trade to Controlled
ISO/IEC 17025	ISO/IEC 17025

Total Solids
Gravimetric Analysis
Documented In-House Method Based Upon
(ISBN: 0117517879, 1984)
CON 10

Land (part of which is Soil)	Sediment	Sludge
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Turbidity
Nephelometric Analysis
Documented In-House Method Based Upon
(ISBN: 0117519553, 1981)
WAS066

Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Process Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Sulphide
Spectrophotometric Analysis
Documented In-House Method Based Upon
(ISBN: 0117517186, 1983)
WAS033

Surface Water	Ground Water	Treated Sewage	Land Leachate	Trade to Sewer	Process Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

METALS TESTS - COVENTRY LABORATORY

Mercury
Cold Vapour Fluorescence
Documented In-House Method Based Upon
(ISBN 0117519073, 1985)
WAS013

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Prepared Leachate	Process Water
Total Mercury	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dissolved Mercury	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals by ICP-MS
Total and Dissolved metals by ICP-MS
Documented In-House Method
WAS076
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Prepared Leachate	Process Water	Recreational Water
Aluminium	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Antimony	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	None	None
Arsenic	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Barium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Beryllium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Boron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cadmium	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Calcium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chromium	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cobalt	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Copper	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Iron	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Lead	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Lithium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals by ICP-MS
Total and Dissolved metals by ICP-MS
Documented In-House Method
WAS076
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Prepared Leachate	Process Water	Recreational Water
Manganese	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Magnesium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Molybdenum	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nickel	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Phosphorus	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Potassium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Selenium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sodium	ISO/IEC 17025	ISO/IEC 17025	MCERTS total only ISO/IEC 17025	MCERTS total only ISO/IEC 17025	ISO/IEC 17025	MCERTS total only ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Strontium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tellurium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Thallium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Titanium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Uranium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Vanadium	ISO/IEC 17025	ISO/IEC 17025	MCERTS total only ISO/IEC 17025	MCERTS total only ISO/IEC 17025	ISO/IEC 17025	MCERTS total only ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Zinc	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	MCERTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Calcium Hardness	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Magnesium Hardness	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Total Hardness	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals by ICP-OES
Total and Dissolved metals by ICP-OES
Documented In-House Method
WAS049

Analyte	Surface Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Process Water
Aluminium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Barium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Beryllium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Boron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cadmium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Calcium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chromium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cobalt	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Copper	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Iron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Lead	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Manganese	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Magnesium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Molybdenum	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nickel	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Phosphorus	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Potassium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sodium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Strontium	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Sulphur (total only)	None	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Titanium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Vanadium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Zinc	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Calcium Hardness	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Magnesium Hardness	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals by ICP-OES
Total and Dissolved metals by ICP-OES
Documented In-House Method
WAS049

Analyte	Surface Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Process Water
Total Hardness	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals by ICP-MS
Dissolved metals by ICP-MS
Documented In-House Method
WAS072
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage
Cadmium	MCERTS
Copper	MCERTS
Lead	MCERTS
Nickel	MCERTS
Zinc	MCERTS

Total Copper & Silver
Total metals by ICP-OES
Documented In-House Method
WAS080

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Process Water (Clean & Dirty)
Copper	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Silver	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

ORGANICS TESTS - COVENTRY LABORATORY

Acid Herbicides and Benzonitrile Herbicides
Solid Phase Extraction, GC-MS
Documented In-House Method Based Upon
(ISBN: 0117518867, 1985)
GEO 20

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate
2,3,6-TBA	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4,5-T	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4-D	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4-DB	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benazolin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bentazone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bromoxynil	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Clopyralid	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dicamba	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dichlorprop	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fenoprop	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ioxynil	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
MCPA	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
MCPB	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Mecoprop	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pentachlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Trichlopyr	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Bromide, Sulphate and Chloride
IC
Documented In-House Method Based Upon
(ISBN: 011-752331-3, 1990)
CON 27

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate	Process Water	Recreational Water
Bromide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None

Bromide, Sulphate and Chloride
IC
Documented In-House Method Based Upon
(ISBN: 011-752331-3, 1990)
CON 27

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate	Process Water	Recreational Water
Chloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None
Sulphate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrate	None	None	None	None	None	None	None	ISO/IEC 17025	ISO/IEC 17025
Nitrite	None	None	None	None	None	None	None	ISO/IEC 17025	ISO/IEC 17025
TON (calculation)	None	None	None	None	None	None	None	ISO/IEC 17025	ISO/IEC 17025

BTEX, Trihalomethanes, Chlorinated Solvents, Styrene, and MTBE
Headspace GC-MS
Documented In-House Method
GEO 56
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Prepared Leachate
1,1,1 Trichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	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	None	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	None	ISO/IEC 17025	ISO/IEC 17025
1,2 Dichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Benzene	ISO/IEC 17025	ISO/IEC 17025	MCERTS	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Bromodichloromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Bromoform	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Carbon Tetrachloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Chloroform	ISO/IEC 17025	ISO/IEC 17025	MCERTS	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Dibromochloromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Ethylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
m&p Xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
MTBE	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025

BTEX, Trihalomethanes, Chlorinated Solvents, Styrene, and MTBE
Headspace GC-MS
Documented In-House Method
GEO 56
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled	Land Leachate	Prepared Leachate
o Xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Styrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Tetrachloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Toluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Trichloroethene	ISO/IEC 17025	ISO/IEC 17025	MCERTS	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025	ISO/IEC 17025

Dissolved Oestrogenic Steroids
Solid Phase Extraction, GC-MSMS
Documented In-House Method
GEO 75

Analyte	Surface Water	Ground Water	Saline Water
Estrone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
17-β-Estradiol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
17-α-Ethynylestradiol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Emerging Organic Contaminants
Online SPE, HRAM LC-MS
Documented In-House Method
GEO 82

Analyte	Surface Water	Ground Water	Saline Water
Atrazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bentazone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cloridazon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
DEHP	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dichloroprop-p	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Diuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Isoproturon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Mecoprop	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Emerging Organic Contaminants
Online SPE, HRAM LC-MS
Documented In-House Method
GEO 82

Analyte	Surface Water	Ground Water	Saline Water
Metribuzin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pentachlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PFOA	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PFOS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Emerging Organic Contaminants
Online SPE, LC-MSMS
Documented In-House Method
GEO 83

Analyte	Surface Water	Ground Water	Saline Water
Dichlorvos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Diclofenac	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
MCPA	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Metsulfuron-methyl	ISO/IEC 17025	ISO/IEC 17025	None
Pirimicarb	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Simazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sulfosulfuron	None	ISO/IEC 17025	ISO/IEC 17025
Triclosan	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

BISPHENOL A
On-line trace enrichment, LC-MSMS
Documented In-House Method
GEO 91

Surface Water	Ground Water	Saline Water	Process Water (High Purity & DI Water)
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Extractable Hydrocarbons (EH) C6-C40 Liquid/liquid Extraction, GC-FID Documented In-House Method **GEO 35**		
Drinking Water (non regulatory)	Treated Sewage	Prepared Leachate
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Extractable Petroleum Hydrocarbons (EPH) C10-C44 Liquid/liquid Extraction, GC-FID Documented In-House Method **GEO 46**			
Analyte	Drinking Water (non regulatory)	Treated Sewage	Prepared Leachate
Total EPH C10-C44	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Aromatic/Aliphatic fractionation and quantification according to carbon banding, typically:			
>C10-C12	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C12-C16	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C16-C21	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C21-C44	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C10-C16	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C16-C24	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C24-C44	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Hexabromocyclododecane (HBCDD) Liquid/liquid Extraction, LC-MSMS Documented In-House Method **GEO 80**			
Analyte	Surface Water	Ground Water	Saline Water
HBCDD(Total)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
alpha-HBCDD	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
beta-HBCDD	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
gamma-HBCDD	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Low Level Volatile Organic Compounds
Headspace GC MS
Documented In-House Method
GEO 85

Analyte	Surface Water	Ground Water	Saline Water
1,1,1-Trichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1,2-Trichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1-Dichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2-Dichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2-Dichloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Carbon Tetrachloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chloroform	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
cis-1,2-Dichloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dichloromethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
m.p-Xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Naphthalene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
o-Xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tetrachloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Toluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Total xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
trans-1,2-Dichloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trichloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Mecoprop
Liquid/liquid Extraction, GC-MS
Documented In-House Method
GEO 49

Surface Water	Ground Water	Treated Sewage	Land Leachate
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Organotins
Liquid/liquid Extraction, GC-MS
Documented In-House Method
GEO 24

Analyte	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate
Tri-n-butyltin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Triphenyltin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Pesticides
Sequential Liquid/liquid and Solid Phase Extraction, GC-MSMS
Documented In-House Method
GEO 47
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Land Leachate
1,2,3 Trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
1,2,4 Trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
2,4 D-methyl Ester	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
2,4 D-n-butyl Ester	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
2,4, D-ethyl Ester	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
2,4-D-iso-butyl Ester	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Alachlor	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Aldrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
alpha Endosulphan	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
alpha-HCH	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Ametryn	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Atrazine	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Azinphos ethyl	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Azinphos methyl	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
beta Endosulphan	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
beta-HCH	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Carbophenothion	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Chlorfenvinphos	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Chlorpropham	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Chlorpyrifos	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025

Pesticides
Sequential Liquid/liquid and Solid Phase Extraction, GC-MSMS
Documented In-House Method
GEO 47
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Land Leachate
cis-Chlordane	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Coumaphos	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Cyanazine	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Cyfluthrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Cypermethrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Diazinon	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Dichlobenil	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Dichlorvos	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Dieldrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Diflufenican	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Dimethoate	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Endrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
EPTC	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Ethofumesate	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Fenitrothion	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Fenpropidin	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Fenthion	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
gamma-HCH	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Heptachlor	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Heptachlor epoxide	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Hexachlorobenzene	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Isodrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Malathion	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Mevinphos	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
op'-DDE	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
op'-DDT	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
op'TDE	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Parathion ethyl	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025

Pesticides
Sequential Liquid/liquid and Solid Phase Extraction, GC-MSMS
Documented In-House Method
GEO 47
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Land Leachate
Parathion methyl	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
PCB 28	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
PCB 52	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
PCB 101	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
PCB 118	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
PCB 138	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
PCB 153	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
PCB 180	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Pendimethalin	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Pentachlorobenzene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
cis-Permethrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
trans-Permethrin	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Total Permethrin (sum of cis and trans)	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Phorate	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Phosalone	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Pirimicarb	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Pirimiphos Methyl	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
pp'-DDE	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
pp'-DDT	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
pp'-TDE	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Prometryn	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Propachlor	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Propazine	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Propetamphos	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Propyzamide	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Simazine	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Tecnazene	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025

Pesticides
Sequential Liquid/liquid and Solid Phase Extraction, GC-MSMS
Documented In-House Method
GEO 47
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Land Leachate
Terbutryn	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
trans-Chlordane	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Triademefon	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Triallate	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Triazophos	ISO/IEC 17025	ISO/IEC 17025	MCERTS	MCERTS	ISO/IEC 17025
Trietazine	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Trifluralin	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025

Phenoxyalkanoic Herbicides and Phenolic Compounds
Solid Phase Extraction, GC-MSMS
Documented In-House Method
GEO 73
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Treated Sewage	Trade to Sewer
2,4,6-Trichlorophenol	ISO/IEC 17025	MCERTS	MCERTS
2,4-D	ISO/IEC 17025	MCERTS	MCERTS
2,4-DB	ISO/IEC 17025	MCERTS	MCERTS
2,4-DP (Dichlorprop)	ISO/IEC 17025	MCERTS	MCERTS
2,4-Dichlorophenol	ISO/IEC 17025	MCERTS	MCERTS
4-Chloro-2-Methylphenol	ISO/IEC 17025	MCERTS	MCERTS
4-n-Nonyl Phenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
MCPA	ISO/IEC 17025	MCERTS	MCERTS
MCPB	ISO/IEC 17025	MCERTS	MCERTS
MCPP (Mecoprop)	ISO/IEC 17025	MCERTS	MCERTS
Pentachlorophenol	ISO/IEC 17025	MCERTS	MCERTS

Phosphate Esters
Liquid/liquid Extraction, GC-MSMS
Documented In-House Method
Method 326
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage
tris(2-chloroethyl)phosphate (TCEP)	MCERTS
tris(2-chloropropyl)phosphate (TCPP)	MCERTS

Poly and Perfluorinated Alkyl Substances (PFAS)
SPE Extraction, HRAM LC-MS
Documented In-House Method
GEO 88

Analyte	Surface Water	Ground Water
PFBA (375-22-4)	ISO/IEC 17025	ISO/IEC 17025
PFPeA (2706-90-3)	ISO/IEC 17025	ISO/IEC 17025
PFHxA (307-24-4)	ISO/IEC 17025	ISO/IEC 17025
PFHpA (375-85-9	ISO/IEC 17025	ISO/IEC 17025
PFOA (335-67-1)	ISO/IEC 17025	ISO/IEC 17025
PFNA (375-95-1)	ISO/IEC 17025	ISO/IEC 17025
PFDA (335-76-2)	ISO/IEC 17025	ISO/IEC 17025
PFUnA; PFUdA (2058-94-8)	ISO/IEC 17025	ISO/IEC 17025
PFDoA (307-55-1)	ISO/IEC 17025	ISO/IEC 17025
PFTrDA; PFTriA (72629-94-8)	ISO/IEC 17025	ISO/IEC 17025
PFTeA (376-06-7)	ISO/IEC 17025	ISO/IEC 17025
PFHxDA (67905-19-5)	ISO/IEC 17025	ISO/IEC 17025
PFODA (16517-11-6)	ISO/IEC 17025	ISO/IEC 17025
PFBS (375-73-5)	ISO/IEC 17025	ISO/IEC 17025
PFPeS (2706-91-4)	ISO/IEC 17025	ISO/IEC 17025
PFHxS (355-46-4)	ISO/IEC 17025	ISO/IEC 17025
PFHpS (375-92-8)	ISO/IEC 17025	ISO/IEC 17025
PFOS (1763-23-1)	ISO/IEC 17025	ISO/IEC 17025
PFNS (68259-12-1)	ISO/IEC 17025	ISO/IEC 17025
PFDS (335-77-3)	ISO/IEC 17025	ISO/IEC 17025

Poly and Perfluorinated Alkyl Substances (PFAS)
SPE Extraction, HRAM LC-MS
Documented In-House Method
GEO 88

Analyte	Surface Water	Ground Water
PFUnDS (749786-16-1)	ISO/IEC 17025	ISO/IEC 17025
PFDoS (79780-39-5)	ISO/IEC 17025	ISO/IEC 17025
HFPO-DA (Gen X) (13252-13-6)	ISO/IEC 17025	ISO/IEC 17025
HFPO-TA (13252-14-7)	ISO/IEC 17025	ISO/IEC 17025
DONA; ADONA (919005-14-4)	ISO/IEC 17025	ISO/IEC 17025
PFMOPrA (377-73-1)	ISO/IEC 17025	ISO/IEC 17025
NFDHA (151772-58-6)	ISO/IEC 17025	ISO/IEC 17025
PFMOBA (863090-89-5)	ISO/IEC 17025	ISO/IEC 17025
PFecHS (133201-07-7)	ISO/IEC 17025	ISO/IEC 17025
3:3 FTCA (356-02-5)	ISO/IEC 17025	ISO/IEC 17025
5:3 FTCA (914637-49-3)	ISO/IEC 17025	ISO/IEC 17025
7:3 FTCA (812-70-4)	ISO/IEC 17025	ISO/IEC 17025
PFEESA (113507-82-7)	ISO/IEC 17025	ISO/IEC 17025
6:2 Cl-PFESA; 9Cl-PF3ONS (756426-58-1)	ISO/IEC 17025	ISO/IEC 17025
8:2 Cl-PFESA; 11Cl-PF3OUdS (763051-92-9)	ISO/IEC 17025	ISO/IEC 17025
4:2 FTSA; 4:2 FTS (757124-72-4)	ISO/IEC 17025	ISO/IEC 17025
6:2 FTSA; 6:2 FTS (27619-97-2)	ISO/IEC 17025	ISO/IEC 17025
8:2 FTSA; 8:2 FTS (39108-34-4)	ISO/IEC 17025	ISO/IEC 17025
FBSA (30334-69-1)	ISO/IEC 17025	ISO/IEC 17025
FHxSA (41997-13-1)	ISO/IEC 17025	ISO/IEC 17025
FOSA (754-91-6)	ISO/IEC 17025	ISO/IEC 17025
MeFOSA; N-MeFOSA (31506-32-8)	ISO/IEC 17025	ISO/IEC 17025
EtFOSA; N-EtFOSA (4151-50-2)	ISO/IEC 17025	ISO/IEC 17025
MeFOSE (24448-09-7)	ISO/IEC 17025	ISO/IEC 17025
EtFOSE (1691-99-2)	ISO/IEC 17025	ISO/IEC 17025
NMeFOSAA; MeFOSAA (2355-31-9)	ISO/IEC 17025	ISO/IEC 17025
NEtFOSAA; EtFOSAA (2991-50-6)	ISO/IEC 17025	ISO/IEC 17025
6:2 FTAB (34455-29-3)	ISO/IEC 17025	ISO/IEC 17025

Polynuclear Aromatic Hydrocarbons (PAHs)
Automated dispersive Liquid/Liquid extraction, GC-MS
Documented In-House Method Based Upon
(ISBN: 0117520322, 1986)
GEO 81

Analyte	Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate
Naphthalene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acenaphthylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acenaphthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fluorene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Phenanthrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)Anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chrysene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(b)Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)Pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dibenz(ah)anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Indeno(123-cd)Pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(ghi)Perylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(k)Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Pyridine
Liquid/liquid Extraction, GC-MS
Documented In-House Method
GEO 62
Where quoted MCERTS performance standard - chemical testing of WATERS

Treated Sewage	Untreated Sewage	Trade to Sewer
MCERTS	MCERTS	MCERTS

Solvents Headspace GC-MS Documented In-House Method **GEO 96**			
Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer
Propan-2-ol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acetone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Semi Volatile Organic Compounds (SVOCs) Automated Dispersive Liquid/liquid and GC-MS Documented In-House Method **GEO 94**					
Analyte	Surface Water	Ground Water	Treated Sewage	Trade Effluent	Land Leachate
Phenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bis(2-chloroethyl)ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2-Chlorophenol	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
1,4-Dichlorobenzene	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
2-Methylphenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bis(chloroisopropyl)ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
3&4-Methylphenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
n-Nitroso-di-n-propylamine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Hexachloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Isophorone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2-Nitrophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4-Dimethylphenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bis(2-chloroethoxy) methane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
3,5-Dimethylphenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4-Dichlorophenol	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
Naphthalene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Semi Volatile Organic Compounds (SVOCs)
Automated Dispersive Liquid/liquid and GC-MS
Documented In-House Method
GEO 94

Analyte	Surface Water	Ground Water	Treated Sewage	Trade Effluent	Land Leachate
4-Chlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,6-Dichlorophenol	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
4-Chloro-3-methylphenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2-Methylnaphthalene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4,6-Trichlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4,5-Trichlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2-Chloronaphthalene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dimethylphthalate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,6-Dinitrotoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acenaphthylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acenaphthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-Nitrophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dibenzofuran	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4-Dinitrotoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Diethylphthalate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fluorene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-Chlorophenyl phenyl ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-Bromophenyl phenyl ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Hexachlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pentachlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Phenanthrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Carbazole	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Di-n-butylphthalate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzyl butyl phthalate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Semi Volatile Organic Compounds (SVOCs)
Automated Dispersive Liquid/liquid and GC-MS
Documented In-House Method
GEO 94

Analyte	Surface Water	Ground Water	Treated Sewage	Trade Effluent	Land Leachate
Benz(a)anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chrysene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bis(2-ethylhexyl)phthalate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Di-n-octyl phthalate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(b)fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(k)fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Indeno(1,2,3-cd)Pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dibenzo(ah)anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(ghi)perylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Substituted Urea Herbicides
Online SPE, HRAM LC-MS
Documented In-House Method
GEO 37

Analyte	Surface Water	Ground Water	Trade to Sewer	Land Leachate
Atrazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlortoluron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Diuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Isoproturon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Linuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Methabenzthiazuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Monolinuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Monuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Propyzamide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Simazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Trace Level Pesticides
Liquid/liquid Extraction, GC-MSMS with NCI
Documented In-House Method
GEO 79

Analyte	Surface Water	Ground Water	Saline Water
Bifenox	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cypermethrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Endosulphan (Total)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
alpha-Endosulphan	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
beta-Endosulphan	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Endosulphan Sulphate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Trace Level Pesticides and Selected Non-Polar Organic Compounds

Liquid/liquid Extraction, GC-MSMS EI
Documented In-House Method
GEO 78

Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Surface Water	Ground Water	Saline Water
Aclonifen	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Alachlor	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cyclodiene Pesticides (WFD sum of 4)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Aldrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dieldrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Endrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Isodrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)Pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(b)Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(k)Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Trace Level Pesticides and Selected Non-Polar Organic Compounds

Liquid/liquid Extraction, GC-MSMS EI

Documented In-House Method

GEO 78

Where quoted MCERTS performance standard - chemical testing of WATERS

Indeno(1,2,3-cd)-pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(ghi)perylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cybutryne	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
DDT - Total WFD	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
pp-DDE	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
pp-DDD (TDE)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
op-DDT	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
pp-DDT	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Diflufenican	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sum Heptachlor & Heptachlor epoxide (cis & trans)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Heptachlor	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
cis-Heptachlor Epoxide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
trans-Heptachlor Epoxide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Hexachlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Hexachlorobutadiene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Hexachlorocyclohexane – Total WFD	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
alpha-HCH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Trace Level Pesticides and Selected Non-Polar Organic Compounds

Liquid/liquid Extraction, GC-MSMS EI

Documented In-House Method

GEO 78

Where quoted MCERTS performance standard - chemical testing of WATERS

beta-HCH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
gamma-HCH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
delta-HCH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
epsilon-HCH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Quinoxyfen	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlorfenvinphos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlorpyrifos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pentachlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PBDEs – Total WFD	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
BDE 28	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
BDE 47	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
BDE 99	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
BDE 100	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
BDE 153	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
BDE 154	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Terbutryn	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
TBT	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trifluralin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trichlorobenzene – Total WFD	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,3,5-Trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Trace Level Pesticides and Selected Non-Polar Organic Compounds

Liquid/liquid Extraction, GC-MSMS EI

Documented In-House Method

GEO 78

Where quoted MCERTS performance standard - chemical testing of WATERS

1,2,4-Trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2,3-Trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Fatty Acids

GC-FID

Documented In-House Analysis Based Upon (ISBN 0117514624, 1979)

CON 17

Surface Water	Ground Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Land Leachate	Prepared Leachate	Sludge
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Organic Compounds (VOC)

Headspace GC-MS

Documented In-House Method

GEO 76

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Land Leachate
1,1,1,2-Tetrachloroethane	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
1,1,2,2-Tetrachloroethane	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
1,1-Dichloroethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,1-Dichloroethene	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
1,2,3-Trichlorobenzene	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
1,2,4-Trichlorobenzene	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
1,2-Dibromo-3-chloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Organic Compounds (VOC)
Headspace GC-MS
Documented In-House Method
GEO 76

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Land Leachate
1,2-Dibromoethane	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
1,2-Dichloroethane	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
1,3,5-Trimethylbenzene	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
1,3-Dichloropropane	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
2,2-Dichloropropane	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
4-Chlorotoluene	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
Bromobenzene	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
Bromodichloromethane	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
Bromomethane	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
Chlorobenzene	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
Chloroform	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chloromethane	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
cis-1,3-Dichloropropene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dibromochloromethane	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
Dichloromethane	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

Volatile Organic Compounds (VOC)
Headspace GC-MS
Documented In-House Method
GEO 76

Analyte	Surface Water	Ground Water	Treated Sewage	Trade to Sewer	Land Leachate
Hexachlorobutadiene	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
m.p-Xylene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
MTBE	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
n-Butylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
n-Propylbenzene	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
p-Isopropyltoluene	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
Styrene	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
Tetrachloroethene	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
trans-1,2-Dichloroethene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
trans-1,3-Dichloropropene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trichloroethene	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
Vinyl Chloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Petroleum Hydrocarbons (VPH) C5-C10
Headspace Extraction, GC-FID and GC-MS-FID
Documented In-House Method
GEO 45

Analyte	Surface Water	Ground Water	Treated Sewage	Land Leachate
Total VPH C5-C10	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Aromatic/aliphatic fractionation and quantification according to carbon banding, typically:				
>C5-C7	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C6-C8	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
>C8-C10	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Benzotriazole & Tolytriazole
Online SPE and LC-MSMS
Documented In-House Method
GEO 95

Analyte	Surface Water	Process Water (Clean)	Treated Sewage	Untreated Sewage	Drinking Water (non-regulatory)
Benzotriazole	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tolytriazole	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

6:2 and 8:2 FTOH
SPE Extraction and GC-MSMS PCI
Documented In-House Method
GEO 74

Analyte	Surface Water	Ground Water	Saline Water
6:2 FTOH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
8:2 FTOH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

MICROBIOLOGY & CRYPTOSPORIDIUM TESTS - COVENTRY LABORATORY

Algae
Microscopic Examination
Documented In-House Method Based Upon
(ISBN: 0117523070, 1990)
W44
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Drinking Water	Surface Water	Process Water
DWTS	DWTS	ISO/IEC 17025

Chlorophyll a
Methanol Extraction and Spectrophotometric Analysis
Documented In-House Method Based Upon
(ISBN: 011 7516740 1980)
W45

Analyte	Surface Water
Chlorophyll	ISO/IEC 17025

Clostridia
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In-House Method Based Upon
The Microbiology of Drinking Water (2021) - Part 6 - Methods for the isolation and enumeration of sulphite-reducing clostridia and Clostridium perfringens by membrane filtration.
W8
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Drinking Water	Surface Water	Ground Water	Process Water
Sulphite-reducing Clostridia (presumptive and confirmed)	DWTS	DWTS	DWTS	ISO/IEC 17025
Clostridium perfringens (presumptive and confirmed)	DWTS	DWTS	DWTS	ISO/IEC 17025

Cryptosporidium & Giardia
FiltaMax® and FiltaMax Xpress®, Immuno fluorescent staining for identification by microscopy
Documented In-House Method Based Upon
The Microbiology of Drinking Water (2010) Part 14 – Methods for the Isolation, Identification and Enumeration of Cryptosporidium oocysts and Giardia cysts.
CRYM1, **CRYM2**, & **CRYM3**
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Drinking Water	Surface Water	Ground Water
Cryptosporidium	DWTS	DWTS	DWTS
Giardia	DWTS	DWTS	DWTS

Cryptosporidium & Giardia
FiltaMax Xpress®, Immuno fluorescent staining for identification by microscopy
Documented In-House Method Based Upon
BS EN ISO15553:2006 - Water Quality- Isolation and Identification of Cryptosporidium oocysts and Giardia cysts from water.
CRYM1, CRYM2 & CRYM3

Analyte	Drinking Water (Non-Regulatory)
Cryptosporidium	ISO/IEC 17025
Giardia	ISO/IEC 17025

E. coli (per g dry weight)
Isolation and Enumeration by Membrane Filtration
Documented In-House Method Based Upon
The Microbiology of Sewage Sludge (2003) - Part 3 - Methods for the isolation and enumeration of Escherichia coli, including verocytotoxigenic Escherichia coli.
W24

Soil	Sludge	Sediment
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

E coli (per g dry weight MPN) Isolation and Enumeration by Defined Substrate Most Probable Number Technique (Colilert) Documented In-House Method Based Upon The Microbiology of Sewage Sludge (2003) - Part 3 - Methods for the isolation and enumeration of Escherichia coli, including verocytotoxigenic Escherichia coli. **W25**
Sewage Sludge
ISO/IEC 17025

Enterococci (presumptive and confirmed) Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation Documented In-House Method Based Upon The Microbiology of Drinking Water (2012) - Part 5 - Methods for the isolation and enumeration of enterococci. The Microbiology of Recreational and Environmental Waters (2015) – Part 4 – Methods for the isolation and enumeration of enterococci. **W7** Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended				
Drinking Water	Surface Water	Ground Water	Process Water	Recreational Water
DWTS	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Enterococci (presumptive and confirmed) Isolation and Enumeration by Membrane Filtration followed by traditional (membrane transfer to KAAA) or MALDI-TOF confirmation Documented In-House Method Based Upon The Microbiology of Drinking Water (2012) - Part 5 - Methods for the isolation and enumeration of enterococci. The Microbiology of Recreational and Environmental Waters (2015) – Part 4 – Methods for the isolation and enumeration of enterococci. **W58**			
Surface Water	Treated Sewage Effluent	Sea Water	Recreational Water (natural)
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Heterotrophic Plate Count
Isolation and Enumeration by Pour Plate Method
Documented In-House Method Based Upon
The Microbiology of Drinking Water (2020) - Part 7 – Methods for the enumeration of heterotrophic bacteria.
W1
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Drinking Water	Surface Water	Ground Water	Process Water	Recreational Water
Count at 22°C	DWTS	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Count at 37°C	DWTS	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Count at 30°C	DWTS	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Legionella
Isolation and Enumeration by Membrane Filtration or centrifugation followed by elution.
Traditional or MALDI-TOF confirmation incorporating serology. Matrix A+B procedure 8,9 & 10 Media C
Documented In-House Method Based Upon
BS EN ISO 11731:2017
W5

Analyte	Drinking Water	Process Water	Recreational Water
Legionella spp	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Legionella pneumophila serogroup 1	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Legionella pneumophila serogroups 2-15	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Pseudomonas aeruginosa (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In-House Method Based Upon
The Microbiology of Drinking Water (2015) - Part 8 - Methods for the isolation and enumeration of Aeromonas and Pseudomonas aeruginosa by membrane filtration.
Health Technical Memorandum 04-01: Safe water in healthcare premises - Part C: Pseudomonas aeruginosa – advice for augmented care units (2016).
W11

Drinking Water	Surface Water	Ground Water	Process Water (including High Purity & DI Waters used for endoscope rinsing)	Recreational Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Pseudomonas spp (presumptive)
Isolation and Enumeration by Membrane Filtration using CFC agar at 30˚C for 48h followed by oxidase reaction
Documented In-House Method
W9

Drinking Water	Surface Water	Ground Water	Process Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Salmonella spp (detection and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In-House Method Based Upon
The Microbiology of Drinking Water (2006) Part 9 - Methods for the isolation and enumeration of Salmonella and Shigella by selective enrichment, membrane filtration and multiple tube most probable number techniques.
The Microbiology of Sewage Sludge (2004) - Part 4 -Methods for the detection, isolation and enumeration of Salmonellae.
W2

Drinking Water	Surface Water	Ground Water	Soil	Sludge
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Taste and Odour
Assessed Panel
Documented In House Method Based Upon
SCA Blue Book: -The Determination of Taste and Odour in drinking Water 2014. Methods for the examination of waters and Associated Materials.
W56
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Drinking Water	Raw Water
Quantitative Taste	DWTS	NONE
Quantitative Odour	DWTS	DWTS

Coliforms and E.coli (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In-House Method Based Upon
The Microbiology of Drinking Water (2016) - Part 4 - Methods for the isolation and enumeration of coliform bacteria and Escherichia coli (including E. coli O157:H7).
W10
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Drinking Water	Surface Water	Ground Water	Process Water	Recreational Water
Total Coliforms	DWTS	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Coliforms and E.coli (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In-House Method Based Upon
The Microbiology of Drinking Water (2016) - Part 4 - Methods for the isolation and enumeration of coliform bacteria and Escherichia coli (including E. coli O157:H7).
W10
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Drinking Water	Surface Water	Ground Water	Process Water	Recreational Water
Escherichia coli	DWTS	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Total Coliforms, Faecal Coliforms and E.coli (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation (as required)
Documented In-House Method Based Upon
The Microbiology of Recreational and Environmental Waters (2016) – Part 3 – Methods for the isolation and enumeration of Escherichia coli (including E. coli O157:H7).
W57

Analyte	Surface Water	Treated Sewage Effluent	Sea Water	Recreational Water (natural)
Total Coliforms	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Faecal Coliforms	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Escherichia coli	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total Aerobic Micro-organisms
Isolation and Enumeration by pour plate and/or membrane filtration using R2A agar.
Documented In-House Method Based Upon
Health Technical Memorandum 01-06: Decontamination of flexible endoscopes Part E (2016).
BS EN ISO11663:2015 - Quality of dialysis fluid for haemodialysis and related therapies.
W38

Analyte	Process Water (High Purity & DI Waters used for dialysis & endoscope rinsing)
Count at 22°C for 7 days	ISO/IEC 17025
Count at 30°C for 5 days	ISO/IEC 17025

Zooplankton (including veligers)
Macroscopic Examination
Documented In-House Method Based Upon
(ISBN: 0-87553-161-X, 1989)
W46
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Drinking Water	Surface Water	Process Water
DWTS	DWTS	ISO/IEC 17025

SECTION 2 DETAIL OF ACCREDITATION at the WAKEFIELD LABORATORY

Wakefield Tests – Inorganics			
Alkalinity	Biochemical Oxygen Demand	Bromate	Chemical Oxygen Demand
Chlorate, Chlorite and Bromide	Colour	Fluoride	Kjeldahl Nitrogen
Nutrients	Permanganate Index	Petroleum Ether Extractable Matter	pH and Conductivity
Suspended Solids	Suspended Solids & Ashed Solids	Total and Free Cyanide	Total Dissolved Solids
Total Organic Carbon (TOC) and Dissolved Organic Carbon (DOC)	Total Solids & Total Ash Solids	Turbidity	

Wakefield Tests – Metals			
Dissolved (Filtered) and Total Metals	Dissolved (Filtered) and Total Mercury	Extractable Potassium and Magnesium	Metals
Sodium Bicarbonate Extractable Phosphorus			

Wakefield Tests – Organics			
Acrylamide	Carbamate, Conazole, Organophosphorus, Phenyl Urea, Triazine and Neutral Compounds	Chlormequat, Diquat & Mepiquat	Glyphosate and Aminomethylphosphonic Acid (AMPA)
Haloacetic Acids and Dalapon	Mesosulfuron-methyl	Metaldehyde	Microcystin – LR
Organochlorine Pesticides and Selected Non-Polar Organic Compounds	Phenols and Chlorophenols	Polar Herbicides (Benzonitrile, Phenoxyalkanoic Herbicides and Other Compounds)	Polycyclic Aromatic Hydrocarbons
Poly and Perfluorinated Substances (PFAS)	Taste & Odour Compounds	Trihalomethanes, Halogenated Solvents, MTBE, TAME and BTEX Compounds	Vinyl Chloride

Wakefield Tests – Microbiology			
Coliforms, and Escherichia coli	Clostridium perfringens	Enterococci	Legionella (Confirmation only)
Pseudomonas aeruginosa	Pseudomonas spp	Taste & Odour	Total Aerobic Micro-organisms

Wakefield Tests – Radiochemistry			
Gross Alpha and Beta Radioactivity			

INORGANICS TESTS - WAKEFIELD LABORATORY

Alkalinity (to pH4.5)
Manual Titration
Documented in house Method Based Upon
(ISBN: 0117516015, 1981)
WWC 9
Where quoted MCERTS performance standard - chemical testing of WATERS

Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
MCERTS	MCERTS	MCERTS	MCERTS

Alkalinity
Manual Titration
Documented In house Method Based Upon
(ISBN: 0117516015, 1981)
WSC 1

Sludge
ISO/IEC 17025

pH and Conductivity
Using Manual Probe System
Documented In House Method Based Upon
(ISBN: 0117514284, 1978)
WWC 14
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
pH	MCERTS	MCERTS	MCERTS	MCERTS
Conductivity (20°C)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

pH
Using Manual Meter
Documented In House Method Based Upon
(ISBN 0117520845, 1988)
WPC 8
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water
DWTS	DWTS

pH
Ion Selective Electrode
Documented In house Method Based Upon
(ISBN: 0117512524, 1977)
WSC 11

Soil	Sludge
ISO/IEC 17025	ISO/IEC 17025

Conductivity
Manual Meter
Documented In House Method Based Upon
(ISBN: 0117514284, 1978)
WPC 7
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Turbidity
Manual Meter
Documented in House Method Based Upon
(ISBN: 117519553, 1981)
WPC 6
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Colour
UV - Visible Spectrophotometer
Documented in House Method Based Upon
(ISBN: 117519553, 1981)
WPC 13
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Fluoride
Ion Selective Electrode
Documented in House Method Based Upon
(ISBN: 0117516627, 1982)
WPC 20
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Fluoride
Ion Selective Electrode
Documented In House Method Based Upon
(ISBN: 0117516627, 1982)
WSC 18

Soil	Sludge
ISO/IEC 17025	ISO/IEC 17025

Suspended Solids (105°C)
Gravimetry
Documented in House Method Based Upon
(ISBN 011751957X, 1980)
WPC 22
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water
DWTS	DWTS

Total Dissolved Solids (180°C)
Gravimetry
Documented in House Method Based Upon
(ISBN: 011751957X, 1980)
WPC 25
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Chlorate, Chlorite and Bromide
Ion Chromatography (Dionex)
Documented in House Method
WPC 18
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Bromide	DWTS	DWTS
Chlorate	DWTS	DWTS
Chlorite	DWTS	None

Bromate
Ion Chromatography with the Addition of Post Column Reagent (Dionex)
Documented in House Method
WPC 42
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Total and Free Cyanide
Continuous Flow Autoanalyzer
Documented in House Method Based Upon
(ISBN: 0875532233, 1995)
WPC 65
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water	Bottled Water
Free Cyanide	DWTS	DWTS	ISO/IEC 17025
Total Cyanide	DWTS	DWTS	ISO/IEC 17025

Nutrients
Discrete Analysis (Aquakem)
Documented in House Method Based Upon
(ISBN 0117516260, 1981; 0117515930, 1981; 0117516139, 1981; 0117515930, 1981; 0117516015, 1981; 0117515930, 1981; 0117515825, 1980)
WPC 64
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
Ammonium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Total Oxidised Nitrogen	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Nitrite	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Nitrate (calculation)	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Chloride	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Orthophosphate	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Silica	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Alkalinity (methyl orange)	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Alkalinity (bromophenol blue)	DWTS	DWTS	None	None

Nutrients
Gallery Plus Discrete Analysis
Documented In House Method Based Upon
(ISBN: 0117516260, 1981; 0117516139, 1981; 0117515930, 1981; 0117515825, 1980)
WWC 50
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Ammonia	MCERTS	MCERTS	MCERTS	MCERTS
Nitrite	MCERTS	MCERTS	MCERTS	MCERTS
Total Oxidised Nitrogen	MCERTS	MCERTS	MCERTS	MCERTS
Nitrate (calculation)	MCERTS	MCERTS	MCERTS	MCERTS
Chloride	MCERTS	MCERTS	MCERTS	MCERTS
Soluble Reactive Phosphorus	MCERTS	MCERTS	MCERTS	MCERTS

Nutrients
Gallery Discrete Analysis
Documented In House Method Based Upon
(ISBN: 0117516260, 1981; 0117516139, 1981; 0117515930, 1981; 0117515825, 1980)
WWC 50
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Soluble Reactive Phosphorus	MCERTS	MCERTS	MCERTS	MCERTS

Total Organic Carbon (TOC) and Dissolved Organic Carbon (DOC)
Shimadzu TOC-L CPH analyser
Documented In House Method Based Upon
(ISBN: 0117514586, 1979)
WPC 67
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Dissolved Organic Carbon (DOC)	DWTS	DWTS
Total Organic Carbon (TOC)	DWTS	DWTS

Suspended Solids (105°C) Ashed Solids (450°C)
Gravimetry
Documented In House Method Based Upon
(ISBN: 011751957X, 1980)
WWC 21
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Suspended Solids (105°C)	MCERTS	MCERTS	MCERTS	MCERTS
Ashed Solids (450°C)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total Solids (105°C) Total Ash Solids (550°C)
Gravimetry
Documented In House Method Based Upon
(ISBN: 0117517879, 1984)
WSC 12

Analyte	Soil	Sludge
Total Solids (105°C)	ISO/IEC 17025	ISO/IEC 17025
Total Ashed Solids (550°C)	ISO/IEC 17025	ISO/IEC 17025

Biochemical Oxygen Demand (BOD)
Dissolved Oxygen Meter
Documented In house Method Based Upon
(ISO 5815-1:2019)
WWC 11
Where quoted MCERTS performance standard - chemical testing of WATERS

Surface Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
ISO/IEC 17025	MCERTS	MCERTS	MCERTS	MCERTS

Chemical Oxygen Demand (COD)
DR3800 Spectrophotometer
Documented In house Method Based Upon
The determination of chemical oxygen demand in waters and effluents (2007) MEWAM.
WWC 13
Where quoted MCERTS performance standard - chemical testing of WATERS

Surface Water	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
ISO/IEC 17025	MCERTS	MCERTS	MCERTS	MCERTS

Kjeldahl Nitrogen
Spectrophotometer
Documented In House Method Based Upon
(ISBN: 011751888, 1985)
WSC 8

Soil	Sludge
ISO/IEC 17025	ISO/IEC 17025

Permanganate Index
Manual Titration
Documented In House Method Based Upon
(ISBN: 011751960X, 1983)
WPC 47
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water
DWTS	DWTS

Petroleum Ether Extractable Matter
Extraction and Gravimetry
Documented In House Method Based Upon
(ISBN: 0117520764, 1987)
WWC 48

Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

METALS TESTS - WAKEFIELD LABORATORY

Dissolved (Filtered) and Total Metals (* denotes Total Metals only)
Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)
Documented In House Method Based Upon
(ISBN: 0117532444,1996)
WPC 12
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
Iron	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Aluminium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Manganese	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Phosphorus	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Sulphur as Sulphate (SO4)*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Silicon and Silica (SiO2)*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Calcium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Magnesium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Hardness as CaCO3 (Calculation)	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Potassium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Sodium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Boron	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Dissolved (Filtered) and Total Metals
Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)
Documented In House Method
WWC 8
Where quoted MCERTS performance standard - chemical testing of WATERS
If not filtered in the field, dets are ISO 17025 accredited only
*Elements are accredited for Total Metals only

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Aluminium	MCERTS	MCERTS	MCERTS	MCERTS
Boron*	MCERTS	MCERTS	MCERTS	MCERTS
Cadmium	MCERTS	MCERTS	MCERTS	MCERTS
Calcium	MCERTS	MCERTS	MCERTS	MCERTS
Chromium	MCERTS	MCERTS	MCERTS	MCERTS

Dissolved (Filtered) and Total Metals
Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)
Documented In House Method
WWC 8
Where quoted MCERTS performance standard - chemical testing of WATERS
If not filtered in the field, dets are ISO 17025 accredited only
*Elements are accredited for Total Metals only

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Cobalt*	MCERTS	MCERTS	MCERTS	MCERTS
Copper	MCERTS	MCERTS	MCERTS	MCERTS
Iron	MCERTS	MCERTS	MCERTS	MCERTS
Magnesium	MCERTS	MCERTS	MCERTS	MCERTS
Manganese	MCERTS	MCERTS	MCERTS	MCERTS
Nickel	MCERTS	MCERTS	MCERTS	MCERTS
Lead	MCERTS	MCERTS	MCERTS	MCERTS
Phosphorus	MCERTS	MCERTS	MCERTS	MCERTS
Potassium	MCERTS	MCERTS	MCERTS	MCERTS
Sodium	MCERTS	MCERTS	MCERTS	MCERTS
Thallium*	MCERTS	MCERTS	MCERTS	MCERTS
Vanadium*	MCERTS	MCERTS	MCERTS	MCERTS
Zinc	MCERTS	MCERTS	MCERTS	MCERTS
Sulphur (as SO4)*	MCERTS	MCERTS	MCERTS	MCERTS

Dissolved (Filtered) and Total Metals (* denotes Total Metals only)
Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
Documented in House Method
WPC 15
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
Lead	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Copper	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Zinc	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Nickel	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Cadmium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Chromium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Dissolved (Filtered) and Total Metals (* denotes Total Metals only)
Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
Documented in House Method
WPC 15
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)
Silver	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Antimony*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Selenium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Arsenic	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Strontium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Barium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Cobalt*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Molybdenum*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Uranium	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Vanadium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Tin	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Titanium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Beryllium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Lithium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Thallium*	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Total Metals
Inductively Coupled Plasma Mass Spectroscopy (ICP-MS)
Documented In House Method Based Upon
(ISO 17294-2:2003)
WWC 46
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Aluminium	MCERTS	MCERTS	MCERTS	MCERTS
Vanadium	MCERTS	MCERTS	MCERTS	MCERTS
Chromium	MCERTS	MCERTS	MCERTS	MCERTS
Iron	MCERTS	MCERTS	MCERTS	MCERTS
Manganese	MCERTS	MCERTS	MCERTS	MCERTS
Cobalt	MCERTS	MCERTS	MCERTS	MCERTS

Total Metals
Inductively Coupled Plasma Mass Spectroscopy (ICP-MS)
Documented In House Method Based Upon
(ISO 17294-2:2003)
WWC 46
Where quoted MCERTS performance standard - chemical testing of WATERS

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Nickel	MCERTS	MCERTS	MCERTS	MCERTS
Copper	MCERTS	MCERTS	MCERTS	MCERTS
Zinc	MCERTS	MCERTS	MCERTS	MCERTS
Arsenic	MCERTS	MCERTS	MCERTS	MCERTS
Molybdenum	MCERTS	MCERTS	MCERTS	MCERTS
Cadmium	MCERTS	MCERTS	MCERTS	MCERTS
Thallium	MCERTS	MCERTS	MCERTS	MCERTS
Lead	MCERTS	MCERTS	MCERTS	MCERTS
Selenium	MCERTS	None	MCERTS	MCERTS
Phosphorus	MCERTS	MCERTS	MCERTS	MCERTS
Uranium	MCERTS	MCERTS	MCERTS	MCERTS

Dissolved (Filtered) Metals
Inductively Coupled Plasma Mass Spectroscopy (ICP-MS)
Documented In House Method Based Upon
(ISO 17294-2:2003)
WWC 46
Where quoted MCERTS performance standard - chemical testing of WATERS
If not filtered in the field, dets are ISO 17025 accredited only

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Aluminium	MCERTS	MCERTS	MCERTS	MCERTS
Chromium	MCERTS	MCERTS	MCERTS	MCERTS
Iron	MCERTS	MCERTS	MCERTS	MCERTS
Manganese	MCERTS	MCERTS	MCERTS	MCERTS
Nickel	MCERTS	MCERTS	MCERTS	MCERTS
Copper	MCERTS	MCERTS	MCERTS	MCERTS
Zinc	MCERTS	MCERTS	MCERTS	MCERTS
Arsenic	MCERTS	MCERTS	MCERTS	MCERTS

Dissolved (Filtered) Metals
Inductively Coupled Plasma Mass Spectroscopy (ICP-MS)
Documented In House Method Based Upon
(ISO 17294-2:2003)
WWC 46
Where quoted MCERTS performance standard - chemical testing of WATERS
If not filtered in the field, dets are ISO 17025 accredited only

Analyte	Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
Cadmium	MCERTS	MCERTS	MCERTS	MCERTS
Lead	MCERTS	MCERTS	MCERTS	MCERTS
Selenium	MCERTS	None	MCERTS	MCERTS
Phosphorus	MCERTS	MCERTS	MCERTS	MCERTS

Metals
Acid Digestion Followed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)
Documented In House Method
WSC 6

Analyte	Sludge
Aluminium	ISO/IEC 17025
Calcium	ISO/IEC 17025
Chromium	ISO/IEC 17025
Copper	ISO/IEC 17025
Iron	ISO/IEC 17025
Lead	ISO/IEC 17025
Nickel	ISO/IEC 17025
Phosphorus	ISO/IEC 17025
Sulphur	ISO/IEC 17025
Tin	ISO/IEC 17025
Zinc	ISO/IEC 17025
Potassium	ISO/IEC 17025
Magnesium	ISO/IEC 17025
Manganese	ISO/IEC 17025
Sodium	ISO/IEC 17025
Lithium	ISO/IEC 17025

1314 **Accredited to ISO/IEC 17025:2017**	**Schedule of Accreditation** **issued by** **United Kingdom Accreditation Service** 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK **ALS Laboratories (UK) Limited** **Issue No:** 187 **Issue date:** 02 September 2026
Testing performed by the Organisation at the locations specified	

Metals Acid Digestion Followed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) Documented In House Method **WSC 6**	
Cadmium	ISO/IEC 17025
Cobalt	ISO/IEC 17025
Vanadium	ISO/IEC 17025

Metals Acid Digestion Followed by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS) Documented In House Method **WSC 20**		
Analyte	Soil	Sludge
Arsenic	ISO/IEC 17025	ISO/IEC 17025
Cadmium	ISO/IEC 17025	ISO/IEC 17025
Chromium	ISO/IEC 17025	ISO/IEC 17025
Copper	ISO/IEC 17025	ISO/IEC 17025
Lead	ISO/IEC 17025	ISO/IEC 17025
Mercury	ISO/IEC 17025	ISO/IEC 17025
Molybdenum	ISO/IEC 17025	ISO/IEC 17025
Nickel	ISO/IEC 17025	ISO/IEC 17025
Selenium	ISO/IEC 17025	ISO/IEC 17025
Zinc	ISO/IEC 17025	ISO/IEC 17025

Dissolved (Filtered) and Total Mercury Inductively Coupled Plasma Mass Spectroscopy (ICP-MS) Documented In House Method Based Upon (ISBN: 0117532444,1996) **WWC 17** Where quoted MCERTS performance standard - chemical testing of WATERS If not filtered in the field, dets are ISO 17025 accredited only			
Treated Sewage	Untreated Sewage	Trade to Sewer	Trade to Controlled
MCERTS	MCERTS	MCERTS	MCERTS

Total Mercury

Inductively Coupled Plasma Mass Spectroscopy (ICP-MS)

Documented In House Method Based Upon

(ISBN: 0117532444,1996)
WPC 21

Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Bottled Water	Process Water (High Purity & DI Water)	Healthcare Water (ultra-pure)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Extractable Potassium and Magnesium
Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)
Documented In House Method Based Upon
(ISBN: 0112427626, 1989 Method 40 and 63)
WSC 13

Analyte	Soil
Extractable Potassium	ISO/IEC 17025
Extractable Magnesium	ISO/IEC 17025

Sodium Bicarbonate Extractable Phosphorus
UV 1800 Spectrophotometer
Documented In House Method Based Upon
(ISBN: 0112427626, 1989 Method 59)
WSC 14

Analyte	Soil
Extractable Phosphorus	ISO/IEC 17025

ORGANICS TESTS - WAKEFIELD LABORATORY

Trihalomethanes, Halogenated Solvents, MTBE, TAME and BTEX Compounds
Headspace Gas Chromatography with Mass Spectrometry Detection
Documented In-House Method
WPC 28
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
1,1,1-Trichloroethane	DWTS	DWTS
1,1- Dichloroethane	DWTS	DWTS
1,2-Dichloroethane	DWTS	DWTS
Benzene	DWTS	DWTS
Bromodichloromethane	DWTS	DWTS
Bromoform	DWTS	DWTS
Carbon Tetrachloride	DWTS	DWTS
Chlorodibromomethane	DWTS	DWTS
Chloroform	DWTS	DWTS
Ethylbenzene	DWTS	DWTS
m&p-Xylene	DWTS	DWTS
MTBE	DWTS	DWTS
o-Xylene	DWTS	DWTS
Tetrachloroethene	DWTS	DWTS
Trichloroethene	DWTS	DWTS
1,2 - Dibromoethane	DWTS	DWTS
Toluene	DWTS	DWTS

Polycyclic Aromatic Hydrocarbons
High Performance Liquid Chromatography
Documented In-House Method
WPC 27
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Benzo (b) fluoranthene	DWTS	DWTS
Benzo(k)fluoranthene	DWTS	DWTS

Polycyclic Aromatic Hydrocarbons
High Performance Liquid Chromatography
Documented In-House Method
WPC 27
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Benzo(ghi)perylene	DWTS	DWTS
Benzo(a)pyrene	DWTS	DWTS
Fluoranthene	DWTS	DWTS
Indeno(1,2,3-cd)pyrene	DWTS	DWTS

Polar Herbicides (**Benzonitrile, Phenoxyalkanoic Herbicides and Other Compounds)**
Direct Aqueous Injection and High-Performance Liquid Chromatography With Mass Spectrometry Detection
Documented In-House Method
WPC 45
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
2,3,6-Trichlorobenzoic acid	DWTS	DWTS
2,4,5-T	DWTS	DWTS
2,4,5-TP (Fenoprop)	DWTS	DWTS
2,4-D	DWTS	DWTS
2,4-DB	DWTS	DWTS
2,4-DP (Dichloroprop)	DWTS	DWTS
Asulam	DWTS	DWTS
Benazolin	DWTS	DWTS
Bentazone	DWTS	DWTS
Bromoxynil	DWTS	DWTS
Clopyralid	DWTS	DWTS
Dicamba	DWTS	DWTS
Fluroxypyr	DWTS	DWTS
Imazapyr	DWTS	DWTS
Ioxynil	DWTS	DWTS
MCPA	DWTS	DWTS
MCPB	DWTS	DWTS

Polar Herbicides (**Benzonitrile, Phenoxyalkanoic Herbicides and Other Compounds)**
Direct Aqueous Injection and High-Performance Liquid Chromatography With Mass Spectrometry Detection
Documented In-House Method
WPC 45
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
MCPP (Mecoprop)	DWTS	DWTS
Pentachlorophenol	DWTS	DWTS
Picloram	DWTS	DWTS
Propamocarb	DWTS	DWTS
Triclopyr	DWTS	DWTS

Organochlorine Pesticides and Selected Non-Polar Organic Compounds
Solvent Extraction and Analysis by Gas Chromatography with Triple Quadrupole Mass Spectrometric Detection
Documented In House Method
WPC 50
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Dichlobenil	DWTS	DWTS
alpha-HCH	DWTS	DWTS
Hexachlorobenzene	DWTS	DWTS
gamma-HCH	DWTS	DWTS
Chlorothalonil	DWTS	None
Heptachlor	DWTS	DWTS
Aldrin	DWTS	None
cis-Heptachlor Epoxide	DWTS	DWTS
trans-Heptachlor Epoxide	DWTS	None
o,p'-DDE	DWTS	DWTS
p,p'-DDE	DWTS	DWTS
Dieldrin	DWTS	DWTS
o,p'-TDE	DWTS	DWTS
p,p'-TDE	DWTS	DWTS
o,p'-DDT	DWTS	DWTS
p,p'-DDT	DWTS	DWTS

Organochlorine Pesticides and Selected Non-Polar Organic Compounds
Solvent Extraction and Analysis by Gas Chromatography with Triple Quadrupole Mass Spectrometric Detection
Documented In House Method
WPC 50
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Methoxychlor	DWTS	DWTS
Tecnazene	DWTS	DWTS
Trifluralin	DWTS	DWTS
cis-Permethrin	DWTS	DWTS
trans-Permethrin	DWTS	None
Cypermethrin	DWTS	DWTS
Deltamethrin	DWTS	DWTS
Chlorthal-dimethyl	DWTS	DWTS
Parathion-ethyl	DWTS	DWTS
Pentachlorobenzene	DWTS	DWTS
Diazinon	DWTS	DWTS
Diflufenican	DWTS	DWTS
Lambda-Cyhalothrin	DWTS	None
Triallate	DWTS	DWTS
Chlorbufam	DWTS	DWTS
Chlorpropham	DWTS	DWTS
Chlorpyrifos-ethyl	DWTS	DWTS
Chlorpyrifos-methyl	DWTS	DWTS
Clomazone	DWTS	DWTS
Ethofumesate	DWTS	DWTS
Ethoprophos	DWTS	DWTS
Fenpropimorph	DWTS	DWTS
Pendimethalin	DWTS	DWTS
Picolinafen	DWTS	DWTS
Pirimicarb	DWTS	DWTS
Pirimiphos-methyl	DWTS	DWTS
Propham	DWTS	DWTS
Propyzamide	DWTS	DWTS

Chlormequat, Diquat & Mepiquat

Direct Aqueous Injection HILIC High Performance Liquid Chromatography With Multiple Reaction Monitoring Mass Spectrometry Detection

Documented In House Method

WPC 69

Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Chlormequat	DWTS	DWTS
Diquat	DWTS	DWTS
Mepiquat	DWTS	DWTS

Glyphosate and Aminomethylphosphonic Acid (AMPA)

FMOC Derivatisation, Large Volume Direct Aqueous Injection On-Line Polymeric Solid Phase Extraction and High Performance Liquid Chromatography with Multiple Reaction Monitoring Mass Spectrometry Detection

Documented in House Method

WPC 68

Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Glyphosate	DWTS	DWTS
Aminomethylphosphonic acid (AMPA)	DWTS	DWTS

Metaldehyde

Large Volume Direct Aqueous Injection On-Line Solid Phase Extraction and High-Performance Liquid Chromatography with Selected Reaction Monitoring Mass Spectrometry Detection

Documented in House Method

WPC 73

Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Metaldehyde	DWTS	DWTS

Microcystin – LR
Large Volume Direct Aqueous Injection On-Line Solid Phase Extraction and High Performance Liquid Chromatography With Multiple Reaction Monitoring Mass Spectrometry Detection
Documented In House Method
WPC 59
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Microcystin-LR	DWTS	DWTS

Haloacetic Acids and Dalapon
Direct Aqueous Injection and High-Performance Liquid Chromatography with selected reaction monitoring mass spectrometry detection
Documented In House Method
WPC 75
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
MonoChloroAcetic Acid (MCAA)	DWTS	DWTS
MonoBromoAcetic Acid (MBAA)	DWTS	DWTS
DiChloroAcetic Acid (DCAA)	DWTS	DWTS
2,2-DiChloroPropanoic Acid (Dalapon)	DWTS	DWTS
TriChloroAcetic Acid (TCAA)	DWTS	DWTS
BromoChloroAcetic Acid (BCAA)	DWTS	DWTS
DiBromoAcetic Acid (DBAA)	DWTS	DWTS
BromoDiChloroAcetic Acid (BDCAA)	DWTS	DWTS
DiBromoChloroAcetic Acid (DBCAA)	DWTS	DWTS
TriBromoAcetic Acid (TBAA)	DWTS	DWTS

Taste & Odour Compounds
Liquid-Liquid Extraction and Gas Chromatography with Triple Quadrupole Mass Spectrometric Detection
Documented in House Method
WPC 66
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
2-Bromophenol	DWTS	DWTS
2-6-Dibromophenol	DWTS	DWTS
2-4-Dibromophenol	DWTS	DWTS

Taste & Odour Compounds
Liquid-Liquid Extraction and Gas Chromatography with Triple Quadrupole Mass Spectrometric Detection
Documented in House Method
WPC 66
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
2,4,6-Tribromophenol	DWTS	DWTS
2-Isopropyl-3-methoxypyrazine	DWTS	DWTS
3-Chloroanisole	DWTS	DWTS
4-Chloroanisole	DWTS	DWTS
2-Chloroanisole	DWTS	DWTS
2-Isobutyl-3-methoxypyrazine	DWTS	DWTS
2-methylisoborneal	DWTS	DWTS
2,4,6-Trichloroanisole	DWTS	DWTS
Geosmin	DWTS	DWTS
2,3,4-Trichloroanisole	DWTS	DWTS
2,4,6-Tribromoanisole	DWTS	DWTS

Carbamate, Conazole, Organophosphorus, Phenyl Urea, Triazine and Neutral Compounds
Large Volume Direct Aqueous Injection On-Line Solid Phase Extraction and High-Performance Liquid Chromatography with Multiple Reaction Monitoring Mass Spectrometry Detection
Documented In House Method
WPC 71
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Atrazine	DWTS	DWTS
Atrazine-desethyl	DWTS	DWTS
Atrazine-desisopropyl	DWTS	DWTS
Azinphos-methyl	DWTS	DWTS
Azoxystrobin	DWTS	DWTS
Bixafen	DWTS	DWTS
Boscalid	DWTS	DWTS
Bromacil	DWTS	DWTS
Carbendazim	DWTS	DWTS
Carbetamide	DWTS	DWTS

Carbamate, Conazole, Organophosphorus, Phenyl Urea, Triazine and Neutral Compounds
Large Volume Direct Aqueous Injection On-Line Solid Phase Extraction and High-Performance Liquid Chromatography with Multiple Reaction Monitoring Mass Spectrometry Detection
Documented In House Method
WPC 71
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Chlorfenvinphos	DWTS	DWTS
Chlortoluron	DWTS	DWTS
Cyanazine	DWTS	DWTS
Cyproconazole	DWTS	DWTS
Dichlorvos	DWTS	DWTS
Difenoconazole	DWTS	DWTS
Dimethoate	DWTS	DWTS
Diuron	DWTS	DWTS
Epoxiconazole	DWTS	DWTS
EPTC	DWTS	DWTS
Flufenacet	DWTS	DWTS
Flurtamone	DWTS	DWTS
Flusilazole	DWTS	DWTS
Flutrifol	DWTS	DWTS
Fluxapyroxad	DWTS	DWTS
Isoproturon	DWTS	DWTS
Lenacil	DWTS	DWTS
Linuron	DWTS	DWTS
Malathion	DWTS	DWTS
Mefentrifluconazole	DWTS	DWTS
Metazachlor	DWTS	DWTS
Metconazole	DWTS	DWTS
Methabenzthiazuron	DWTS	DWTS
Methiocarb	DWTS	DWTS
Metoxuron	DWTS	DWTS
Metribuzin	DWTS	DWTS
Metsulfuron-methyl	DWTS	DWTS

Carbamate, Conazole, Organophosphorus, Phenyl Urea, Triazine and Neutral Compounds
Large Volume Direct Aqueous Injection On-Line Solid Phase Extraction and High-Performance Liquid Chromatography with Multiple Reaction Monitoring Mass Spectrometry Detection
Documented In House Method
WPC 71
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Mevinphos	DWTS	DWTS
Monuron	DWTS	DWTS
Oxadixyl	DWTS	DWTS
Prochloraz	DWTS	DWTS
Prometryn	DWTS	DWTS
Propachlor	DWTS	DWTS
Propazine	DWTS	DWTS
Propetamphos	DWTS	DWTS
Propiconazole	DWTS	DWTS
Prothioconazole-desthio	DWTS	DWTS
Prosulfocarb	DWTS	DWTS
Quinmerac	DWTS	DWTS
Simazine	DWTS	DWTS
Spiroxamine	DWTS	DWTS
Tebuconazole	DWTS	DWTS
Terbuthylazine	DWTS	DWTS
Terbutryn	DWTS	DWTS
Triazophos	DWTS	DWTS
Trietazine	DWTS	DWTS
Trinexapac-ethyl	DWTS	DWTS
Benzovindiflupyr	DWTS	DWTS
Diclofenac(free acid)	DWTS	DWTS
Dimethenamid-P	DWTS	DWTS
Fluopyram	DWTS	DWTS
Metamitron	DWTS	DWTS
Metobromuron	DWTS	DWTS
Oxamyl	DWTS	DWTS

Carbamate, Conazole, Organophosphorus, Phenyl Urea, Triazine and Neutral Compounds
Large Volume Direct Aqueous Injection On-Line Solid Phase Extraction and High-Performance Liquid Chromatography with Multiple Reaction Monitoring Mass Spectrometry Detection
Documented In House Method
WPC 71
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Pyraclostrobin	DWTS	DWTS
Thifensulfuron- Methyl	DWTS	DWTS
Trifloxystrobin	DWTS	DWTS

Phenols and Chlorophenols
Pentafluorobenzoylation Liquid-Liquid Extraction and Detection by Gas Chromatography with Mass Spectrometric Detection
Documented In House Method
WPC 70
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Phenol	DWTS	DWTS
2-Methylphenol	DWTS	DWTS
3-Methylphenol	DWTS	DWTS
4-Methylphenol	DWTS	DWTS
2-Chlorophenol	DWTS	DWTS
3-Chlorophenol	DWTS	DWTS
4-Chlorophenol	DWTS	DWTS
2,3-Dimethylphenol	DWTS	DWTS
2,4-Dimethylphenol	DWTS	DWTS
2,5-Dimethylphenol	DWTS	DWTS
2,6-Dimethylphenol	DWTS	DWTS
3,4-Dimethylphenol	DWTS	DWTS
3,5-Dimethylphenol	DWTS	DWTS
2-Chloro-4-methylphenol	DWTS	DWTS
3-Chloro-4-methylphenol	DWTS	DWTS
2-Chloro-5-Methylphenol + 4-Chloro-2-Methylphenol	DWTS	DWTS
2,3-Dichlorophenol	DWTS	DWTS

Phenols and Chlorophenols
Pentafluorobenzoylation Liquid-Liquid Extraction and Detection by Gas Chromatography with Mass Spectrometric Detection
Documented In House Method
WPC 70
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

2,4-Dichlorophenol	DWTS	DWTS
2,6-Dichlorophenol	DWTS	DWTS
2,4,5-Trichlorophenol	DWTS	DWTS
2,4,6-Trichlorophenol	DWTS	DWTS

Acrylamide
Direct Aqueous Injection and High-Performance Liquid Chromatography with Multiple Reaction Monitoring Mass Spectrometry Detection
Documented In House Method
WPC 53
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Acrylamide	DWTS	DWTS

Vinyl Chloride
Static Headspace Gas Chromatography with Mass Spectrometry Detection
Documented In House Method
WPC 63

Analyte	Potable Water	Raw Water
Vinyl Chloride	ISO/IEC 17025	ISO/IEC 17025

Poly and Perfluorinated Alkyl Substances (PFAS)
SPE Extraction, LCQQQ
Documented In-House Method
WPC 78
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
PFBA	DWTS	DWTS
PFPeA	DWTS	DWTS
PFHxA	DWTS	DWTS
PFHpA	DWTS	DWTS
PFOA	DWTS	DWTS
PFNA	DWTS	DWTS

Poly and Perfluorinated Alkyl Substances (PFAS)
SPE Extraction, LCQQQ
Documented In-House Method
WPC 78
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
PFDA	DWTS	DWTS
PFUnA	DWTS	DWTS
PFDoA	DWTS	DWTS
PFTrDA	DWTS	DWTS
PFTeDA	DWTS	DWTS
PFHxDA	DWTS	DWTS
PFODA	DWTS	DWTS
PFBS	DWTS	DWTS
PFPeS	DWTS	DWTS
PFHxS	DWTS	DWTS
PFHpS	DWTS	DWTS
PFOS	DWTS	DWTS
PFNS	DWTS	DWTS
PFDS	DWTS	DWTS
PFUnS	DWTS	DWTS
PFDoS	DWTS	DWTS
HFPO-DA	DWTS	DWTS
HFPO-TA	DWTS	DWTS
DONA	DWTS	DWTS
PFMOPrA	DWTS	DWTS
NFDHA	DWTS	DWTS
PFMOBA	DWTS	DWTS
PFecHS-K	DWTS	DWTS
3:3 FTCA	DWTS	DWTS
5:3 FTCA	DWTS	DWTS
7:3 FTCA	DWTS	DWTS
PFEESA	DWTS	DWTS
6:2 Cl-PFESA	DWTS	DWTS

Poly and Perfluorinated Alkyl Substances (PFAS)
SPE Extraction, LCQQQ
Documented In-House Method
WPC 78
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
8:2 Cl-PFESA	DWTS	DWTS
4:2 FTS	DWTS	DWTS
6:2 FTS	DWTS	DWTS
8:2 FTS	DWTS	DWTS
FBSA	DWTS	DWTS
FHxSA	DWTS	DWTS
PFOSA	DWTS	DWTS
MeFOSA	DWTS	DWTS
EtFOSA	DWTS	DWTS
MeFOSE	DWTS	DWTS
EtFOSE	DWTS	DWTS
MeFOSAA	DWTS	DWTS
EtFOSAA	DWTS	DWTS
6:2FTAB	DWTS	DWTS

Mesosulfuron-methyl
Direct aqueous injection and LCQQQ
Documented in House Method
WPC 80
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Mesosulfuron-methyl	DWTS	DWTS
Amiodsulfuron	DWTS	DWTS
Cinmethylin	DWTS	DWTS
Florpyauxifen-benzyl	DWTS	DWTS

Determination of Trihalomethanes, Halogenated Solvents, MTBE, TAME and BTEX Compounds
Headspace Gas Chromatography with Mass Spectrometry Detection
Documented In-House Method
WPC 79
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water (Surface and Ground Waters)
Trichloromethane	DWTS	DWTS
Bromodichloromethane	DWTS	DWTS
Dibromochloromethane	DWTS	DWTS
Tribromomethane	DWTS	DWTS
Tetrachloromethane	DWTS	DWTS
Trichloroethene	DWTS	DWTS
Tetrachloroethene	DWTS	DWTS
1,1,1-Trichloroethane	DWTS	DWTS
1,2-Dichloroethane	DWTS	DWTS
1,2-Dibromoethane	DWTS	DWTS
MethylTertiary Butyl Ether (MTBE)	DWTS	DWTS
TertAmylMethylEther (TAME)	DWTS	DWTS
Benzene	DWTS	DWTS
Ethylbenzene	DWTS	DWTS
Toluene	DWTS	DWTS
Meta-Xylene + Para-Xylene	DWTS	DWTS
Ortho-Xylene	DWTS	DWTS
1,1-Dichloroethane	DWTS	DWTS

MICROBIOLOGY TESTS – WAKEFIELD LABORATORY

Total Aerobic Micro-organisms
Isolation and Enumeration by Pour Plate Method
Documented In House Method Based Upon
The Microbiology of Drinking Water (2020) - Part 7 – Methods for the enumeration of heterotrophic bacteria.
WPM 1
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water	Process Waters	Recreational Water
Total Aerobic Colony Count at 22°C	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Total Aerobic Colony Count at 37°C	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Total Aerobic colony count at 30°C for 2 days	None	None	ISO/IEC 17025	None

Coliforms, and Escherichia coli (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In House Method Based Upon
The Microbiology of Drinking Water (2016) - Part 4 - Methods for the isolation and enumeration of coliform bacteria and Escherichia coli (including E. coli O157:H7).
WPM 4
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water	Process Waters	Recreational Water
Coliforms	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025
Escherichia coli	DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Clostridium perfringens (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In House Method Based Upon
The Microbiology of Drinking Water (2021) - Part 6 - Methods for the isolation and enumeration of sulphite-reducing clostridia and Clostridium perfringens by membrane filtration.
WPM 3
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Process Waters	Recreational Water
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Enterococci (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In House Method Based Upon
The Microbiology of Drinking Water (2012) - Part 5 - Methods for the isolation and enumeration of enterococci.
The Microbiology of Recreational and Environmental Waters (2015) – Part 4 – Methods for the isolation and enumeration of enterococci.
WPM 2
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Process Waters	Recreational Water
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Pseudomonas aeruginosa (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration followed by traditional or MALDI-TOF confirmation
Documented In House Method Based Upon
The Microbiology of Drinking Water (2015) - Part 8 - Methods for the isolation and enumeration of Aeromonas and Pseudomonas aeruginosa by membrane filtration.
Health Technical Memorandum 04-01: Safe water in healthcare premises - Part C: Pseudomonas aeruginosa – advice for augmented care units (2016).
WPM 11
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Process Water (Pure Water)	Recreational Water (Natural & Man made)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Pseudomonas spp (presumptive)
Isolation and Enumeration by Membrane Filtration using CFC agar at 30˚C for 48h followed by oxidase reaction
Documented In House Method
WPM 12
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Potable Water	Raw Water	Process Water	Recreational Water (Natural & Man made)
DWTS	DWTS	ISO/IEC 17025	ISO/IEC 17025

Legionella – Confirmation Only
Confirmation by MALDI-TOF only
Documented In House Method
W5

Analyte	Potable Water	Surface Water	Ground Water
Legionella spp	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Legionella pneumophila	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Taste and Odour
Assessed Panel
Documented In House Method Based Upon
SCA Blue Book: -The Determination of Taste and Odour in drinking Water 2014. Methods for the examination of waters and Associated Materials.
WPM 10
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Quantitative Taste	DWTS	None
Quantitative Odour	DWTS	DWTS

RADIOCHEMISTRY TESTS – WAKEFIELD LABORATORY

Gross Alpha and Beta Radioactivity
Documented In House Method Based Upon
(ISBN: 011751909X, 1985-1986)
WPC 23
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Analyte	Potable Water	Raw Water
Gross Alpha (relative to Am-241)	DWTS	DWTS
Gross Beta (relative to K-40)	DWTS	DWTS

SECTION 3 DETAIL OF ACCREDITATION at the DOL LABORATORY

DOL Tests – Inorganics			
Ammonia	Formaldehyde - Visual Screening		

DOL Tests – Organics			
Carbetamide, Chlortoluron, Diuron, Isoproturon and Linuron	p-Cresol and Phenol	Geosmin, 2-MIB, Diazinon and Propyzamide	Mecoprop, MCPA and 2,4-D

INORGANIC TESTS - DOL LABORATORY

Ammonia Spectrophotometry Documented In House Method Based Upon (ISBN: 0117516139, 1981) **DOL 3**
Surface Water
ISO IEC 17025

Formaldehyde - visual screening Colorimetry/Visual Screening Documented In House Method Based Upon (ISBN: 0117516902, 1983) **DOL 2**
Surface Water
ISO IEC 17025

ORGANIC TESTS - DOL LABORATORY

Geosmin, 2-MIB, Diazinon and Propyzamide Gas Chromatography with Mass Spectroscopy Documented In House Method **DOL 5**	
Analyte	Surface Water
Geosmin	ISO IEC 17025
2-MIB	ISO IEC 17025
Diazinon	ISO IEC 17025
Propyzamide	ISO IEC 17025

p-Cresol and Phenol High Performance Liquid Chromatography -Fluorescence Detection Documented In House Method Based Upon (ISBN: 0117517267, 1983) **DOL 10**	
Analyte	Surface Water
p-Cresol	ISO IEC 17025
Phenol	ISO IEC 17025

Carbetamide, Chlortoluron, Diuron, Isoproturon and Linuron High Performance Liquid Chromatography With UV-Diode Array Detection Documented In House Method Based Upon (ISBN: 0117529281, 1994) **DOL 14**	
Analyte	Surface Water
Carbetamide	ISO IEC 17025
Chlortoluron	ISO IEC 17025
Diuron	ISO IEC 17025
Isoproturon	ISO IEC 17025
Linuron	ISO IEC 17025

Mecoprop, MCPA and 2,4-D
Liquid-Liquid Extraction and Gas Chromatography-Mass Spectroscopy
Documented In House Method Based Upon
(ISBN: 0117518867, 1985)
DOL 15

Analyte	Surface Water
Mecoprop	ISO IEC 17025
MCPA	ISO IEC 17025
2,4-D	ISO IEC 17025

SECTION 4 DETAIL OF ACCREDITATION for SAMPLING and ON-SITE TESTING

Sampling and On-site Analysis			
Ground Gas Monitoring	Ground Water Sampling	Legionella Sampling	On-site effluent chlorine testing
On-site potable chlorine & temperature testing	OSM Sampling	Potable Water Sampling	Sludge Sampling
Surface Water Sampling	Trade Effluent Sampling	UWWTD Sampling	

SAMPLING AND ON-SITE ANALYSIS

Ground Gas Monitoring Using a GA 5000 multi gas analyser Documented In-House Method **COM 07**	
Activity	Landfill & Biogenic Gases
Sampling from Boreholes	ISO/IEC 17025
On-site Carbon Dioxide analysis	ISO/IEC 17025
On-site Methane analysis	ISO/IEC 17025
On-site Oxygen analysis	ISO/IEC 17025

Ground Water Sampling Using a Waterra Powerpack PP1 pump Documented In-House Method **COM 05**	
Activity	Ground Water
Sampling	ISO/IEC 17025

Legionella Sampling Documented In-House Method **COM 12**			
Activity	Drinking Water (non-regulatory)	Process Water	Recreational water
Sampling	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

On-site Effluent Chlorine Testing Using colorimetry (meter) Documented In-House Method **OSM 11** Where quoted MCERTS performance standard - chemical testing of WATERS	
Activity	Trade to Controlled
On-site Total Chlorine analysis	MCERTS
On-site Free Chlorine analysis	MCERTS

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Testing performed by the Organisation at the locations specified

On-site Potable Chlorine & Temperature Testing
Using colorimetry (meter)
Documented In-House Method
POT 03
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Activity	Drinking Water
On-site Total Residual Chlorine analysis	DWTS
On-site Free Residual Chlorine analysis	DWTS
Temperature	DWTS

OSM Sampling
Manual spot sampling
Documented In-House Method
OSM 05
Where quoted MCERTS performance standard - chemical testing of WATERS

Activity	Treated Sewage	Untreated Sewage	Trade to Controlled
Sampling from Sewage Treatment Works and Water Treatment Works	MCERTS	MCERTS	MCERTS

Potable Water Sampling
Documented In-House Method
The Microbiology of Drinking Water (2010) - Part 2 – Practices and procedures for sampling
POT 01
Where quoted DWTS - The Water Supply (Water Quality) Regulations 2016 (SI 2016/614) as amended

Activity	Drinking Water
Sampling from Customer taps and Service Reservoirs	DWTS

Sludge Sampling
Documented In-House Method
SLU 01

Activity	Sludge (Digester feed, Liquid to land and Cake to land)
Sampling	ISO/IEC 17025

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Testing performed by the Organisation at the locations specified	

Surface Water Sampling Spot sampling Documented In-House Method **COM 06**	
Activity	Surface Water
Sampling	ISO/IEC 17025

Trade Effluent Sampling Spot sampling Documented In-House Method **COM 13**	
Activity	Trade Effluent
Sampling from Interceptors	ISO/IEC 17025

UWWTD Sampling using automated composite samplers Documented In-House Method **UWW 01** Where quoted MCERTS performance standard - chemical testing of WATERS		
Activity	Treated Sewage	Untreated Sewage
Sampling from Sewage Treatment Works	MCERTS	MCERTS

END