Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

UKAS TESTING **0754** **Accredited to ISO/IEC 17025:2017**	**Environment Agency - National Laboratory Service** **Issue No:** 116 **Issue date:** 09 September 2026
Starcross Laboratory **Staplake Mount** **Starcross** **Exeter** **EX6 8FD**	**Contact: NLS Customer Services** **Tel: +44 (0)800 0920 786** **E-Mail: nls@environment-agency.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
Customer Services	**Local contact** NLS Customer Services Tel: +44 (0)800 0920 786 E-Mail: nls@environment-agency.co.uk	Customer Enquiries	National
Address Starcross Laboratory Staplake Mount Starcross Exeter Devon EX6 8FD	**Local contact** John Harkin Tel: +44 (0)7887 677772 E-mail: john.harkin@environment-agency.gov.uk	Testing: Environmental analysis (inorganic, organic, microbiological)	Starcross
Address Leeds Laboratory Olympia House Gelderd Lane Gelderd Road Leeds LS12 6DD	**Local contact** Ms Sarah Diana Tel: +44 (0)7788 380597 E-mail: sarah.diana@environment-agency.gov.uk	Testing: Environmental analysis (inorganic, organic), Health and Hygiene	Leeds

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DETAIL OF ACCREDITATION at the STARCROSS LABORATORY

Starcross Tests			
Inorganics			
Active_Aluminium		Chlorophyll	Iodide
Chloride	Total_Nitrogen	Suspended Solids with High Total Dissolved Solids	
Saline & Low Nutrients	Total Nitrogen & Phosphorus	Cyanide	Phosphate total
Methylene Blue Active Substances	Nutrients	Suspended Solids	
pH, Turbidity & Conductivity	Sulphate		Chemical Oxygen Demand (COD)
Salinity		Dissolved Organic Carbon (DOC)	

Starcross Tests			
Metals			
Mercury	Mercury (Waste Water)	Metals (Acid Rain ICPMS)	Metals in Saline Water
Metals Low Level	Metals (Acid Rain) ICPOES	Metals Infrequent (ICPMS)	Metals in Saline Water (Non Routine)
Metals Routine (ICPOES)	Metals Routine (ICPMS)	Metals Saline (ICPOES)	Metals Non Routine (ICPMS)
Metals in Trade Effluent with Aqua Regia Digest by ICPMS	Metals by ICPOES GPMIX AR	Metals by ICPMS GPMIX AR	Arsenic and Selenium by ICPMS

Starcross Tests

Organics

Phenols	Organotin Compounds	Volatile Organic Compounds	Organo Chlorine Pesticides & PCB's
Organophosphorus Pesticides and Triazine Herbicides		Pyrethroids	Phenyl Urea Herbicides, Carbamates, Fungicides
Alcohols and Ketones	Semi Volatile Screens	Acid Herbicides	

Starcross Tests

Microbiology

Heterotrophic Plate Count		Clostridia	Clostridia Potable
Coliforms Biota	Coliforms Potable	E coli (presumptive and confirmed) Environmental water	Enterococci (presumptive and confirmed)
Escherichia coli (chromogenic)(confirmed)	Faecal coliforms (presumptive and confirmed) Environmental water	Total coliforms (presumptive and confirmed) Environmental water	MST

INORGANICS TESTS - STARCROSS LABORATORY

Iodide Ion Chromatography Documented In-House Method SX I Iodide Low Test 373	
Surface Water	Ground Water
ISO/IEC 17025	ISO/IEC 17025

Suspended Solids with High Total Dissolved Solids (glass fibre filter) Gravimetric Analysis Documented In-House Method SX I Suspended solids (ISBN 011 751957 X 1980) Test 872
Saline Water
ISO/IEC 17025

Chloride Automated Colorimetric Analysis Documented In-House Method SX I Saline Chloride Test 363
Saline Water
ISO/IEC 17025

Total Nitrogen Automated Colorimetric Analysis Documented In-House Method SX I Saline Total N Test 375
Saline Water
ISO/IEC 17025

Chlorophyll
Acetone Extraction and Spectrophotometric Analysis
Documented In-House Method
SX I Chlorophyll UVV
(ISBN 011 7516740 1980)
Test 19

Surface Water	Ground Water	Saline Water
ISO/IEC 17025	NONE	NONE

Saline & Low Nutrients
Automated Colorimetric Analysis
Documented In-House Method
SX I Sal & Low FW Nutrients
Test 28, 29, 26, 236, 412

Analyte	Surface Water	Ground Water	Saline Water
Ammonia	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Total Oxidised Nitrogen	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrite	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Orthophosphate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Silicate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Cyanide
Automated Colorimetric Analysis
Documented In-House Method
SX I Cyanide
(ISBN 011 752219 8 1988)
Test 182,183

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Untreated Sewage	Trade to Sewer	Land Leachate	Trade to Controlled Water
Free Cyanide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Total Cyanide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Methylene Blue Active Substances
Spectrophotometric Analysis
Documented In-House Method
SX I Anidets,
(ISBN 011 751605 8 1981)
Test 384

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

Nutrients
Automated Colorimetric Analysis
Documented In-House Method
SX I Nutrient
Test 25, 237, 678, 1394

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Untreated Sewage	Trade to Sewer	Land Leachate	Trade to Controlled Water
Ammonia	ISO/IEC 17025	ISO/IEC 17025	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
Total Oxidised Nitrogen	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrate (Calculated)	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	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Silicate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	ISO/IEC 17025	ISO/IEC 17025
Alkalinity (not in test 678)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	None	ISO/IEC 17025

Suspended Solids
Gravimetric Analysis
Documented in House Method
SX I Suspended Solids
(ISBN 011 751957 X 1980)
Test 869

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

pH, Turbidity & Conductivity
Documented In-House Method
SX I pH, EC and Turbidity
(ISBN 011 751428 4 1978)
Test 9

	Surface Water	Ground Water	Saline Water	Land Leachate	Trade to Sewer	Untreated Sewage	Treated Sewage Effluent	Trade to Controlled Water
pH	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Turbidity	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Conductivity	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	None	ISO/IEC 17025	ISO/IEC 17025

Sulphate
Documented in House Method
SX I Sulphate
Test 1192

Treated Sewage Effluent	Trade to Controlled Water	Trade to Sewer	Land Leachate
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Chemical Oxygen Demand (COD)
Acid Digestion and Spectrophotometric Analysis
Documented In-House Analysis
SX I COD,
(ISBN 011 751915 4 1986)
Test 5

Surface Water	Ground Water	Saline Water	Untreated Sewage	Trade to Sewer	Prepared Leachate	Land Leachate	Treated Sewage Effluent	Trade to Controlled Water
ISO/IEC 17025	ISO/IEC 17025	NONE	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Salinity
Automated Robotic Analysis
Documented In-House Method
SX I Salinity
Test 378

Surface Water	Ground Water	Saline Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Dissolved Organic Carbon (DOC) Automated Colorimetric Analysis Documented In-House Method SX I DOC Test 22					
Surface Water	Land Leachate	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

METALS TESTS STARCROSS LABORATORY

Mercury Cold Vapour Atomic Fluorescence Spectroscopy Documented In-House Method SX M Mercury, (ISBN 011 751907 3 1985) Test 247, 248				
Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Mercury (Waste Water) Vapour Generation Atomic Fluorescence Spectroscopy Documented in House Method SX M Mercury WW (Farey, Nelson, Rolph Analyst 1978) Test 1527, 1608			
Trade to Controlled Water	Untreated Sewage	Trade to Sewer	Land Leachate
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Arsenic and Selenium by ICPMS ICPMS Documented In-House Method SX M ICPMS AsSe Tests 1606 (total),1607 (dissolved)					
Analyte	Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water
Arsenic	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

Metals (Acid Rain) ICPMS Documented In-House Method SX M ICPMS Acid Rain Test 325, 326	
Analyte	Surface Water
Calcium	ISO/IEC 17025
Magnesium	ISO/IEC 17025
Potassium	ISO/IEC 17025
Sodium	ISO/IEC 17025

Metals (Acid Rain) ICPOES Documented In-House Method SX M ICPOES Acid Rain Test 323, 324		
Analyte	Surface Water	Ground Water
Sulphate	ISO/IEC 17025	ISO/IEC 17025
Iron	ISO/IEC 17025	ISO/IEC 17025

Metals in Saline Water ICPMS Documented In-House Method SX M ICPMS Routine Saline Test 89, 90	
Analyte	Saline Water
Cadmium	ISO/IEC 17025
Chromium	ISO/IEC 17025
Copper	ISO/IEC 17025
Lead	ISO/IEC 17025
Nickel	ISO/IEC 17025
Zinc	ISO/IEC 17025

Metals in Saline Water (Non Routine) ICPMS Documented In-House Method SX M ICPMS Saline NR Test 321, 322	
Analyte	Saline Water
Antimony	ISO/IEC 17025
Aluminium	ISO/IEC 17025
Beryllium	ISO/IEC 17025
Cobalt	ISO/IEC 17025

Metals in Saline Water (Non Routine)
ICPMS
Documented In-House Method
SX M ICPMS Saline NR
Test 321, 322

Analyte	Saline Water
Molybdenum	ISO/IEC 17025
Tin	ISO/IEC 17025
Titanium	ISO/IEC 17025

Metals Low Level
ICPMS
Documented In-House Method
SX ICPMS Low Level
Test 87, 88

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
Aluminium	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
Chromium	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
Lead	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
Zinc	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals Routine
ICPMS
Documented In-House Method
SX M ICPMS Routine
(ISBN 011 753244 4)
EPA 200.8, Version 4, 1989 “Determination of Trace Elements in Waters and Wastes by ICPMS”
Test 33, 34

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
Aluminium	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
Chromium	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
Lead	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
Zinc	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals Infrequent
ICPMS
Documented In-House Method
SX M ICPMS INF1
Test 85, 86

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
Tellurium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Thallium	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

Metals Non Routine
ICPMS
Documented In-House Method
SX M ICPMS NR
(ISBN 011 7532444)
Test 35, 36

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
Antimony	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
Cobalt	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
Silver	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tin	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
Vanadium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals Routine
ICPOES
Documented In-House Method
SX M ICPOES Routine
(ISBN 011 753244 4 1996)
Test 37,38, 327 (sulphur only)

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
Barium	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
Calcium	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
Lithium	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
Manganese	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
Sodium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals Routine
ICPOES
Documented In-House Method
SX M ICPOES Routine
(ISBN 011 753244 4 1996)
Test 37,38, 327 (sulphur only)

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
Strontium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sulphate (as Sulphur by calculation)	ISO/IEC 17025	ISO/IEC 17025	None	None
Sulphur	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals by ICPOES GPMIX AR
ICPOES
Documented In-House Method
SX M ICPOES GPMIX AR
(ISBN 0117532444 1989)
Tests 1291,1292

Analyte	Trade to Sewer	Land Leachate	Untreated Sewage	Treated Sewage	Prepared Leachate
Boron	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
Iron	ISO/IEC 17025	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
Magnesium	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	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

Metals by ICPMS GPMIX AR
ICPMS
Documented In-House Method
SX M ICPMS GPMIX AR
(ISBN 011 7532444 1989)
Test 1293, 1294

Analyte	Untreated Sewage	Prepared Leachate	Treated Sewage Effluent	Land Leachate
Aluminium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Arsenic	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
Cadmium	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
Cobalt	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
Lead	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

Metals by ICPMS GPMIX AR
ICPMS
Documented In-House Method
SX M ICPMS GPMIX AR
(ISBN 011 7532444 1989)
Test 1293, 1294

Analyte	Untreated Sewage	Prepared Leachate	Treated Sewage Effluent	Land Leachate
Nickel	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
Thallium	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
Uranium	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
Zinc	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
Selenium	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
Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Antimony	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

Metals in Trade Effluent with Aqua Regia Digest by ICPMS
Aqua Regia Digest /ICPMS
Documented In-House Method
SX M Special Digest AR
Test 1284

Analyte	Trade to Controlled Water
Arsenic	ISO/IEC 17025
Cadmium	ISO/IEC 17025
Chromium	ISO/IEC 17025
Copper	ISO/IEC 17025
Lead	ISO/IEC 17025
Nickel	ISO/IEC 17025
Zinc	ISO/IEC 17025

Metals Saline
ICPOES
Documented In-House Method
SX M ICPOES Saline
(ISBN 011 753244 4 1996)
Test 95, 96
Test 1505,1506 (Barium only)

Analyte	Surface Water	Ground Water	Saline
Barium	None	None	ISO/IEC 17025
Boron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals Saline
ICPOES
Documented In-House Method
SX M ICPOES Saline
(ISBN 011 753244 4 1996)
Test 95, 96
Test 1505,1506 (Barium only)

Analyte	Surface Water	Ground Water	Saline
Calcium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Iron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Magnesium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Manganese	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Potassium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Vanadium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sodium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Strontium	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sulphur	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sulphate (as Sulphur by calculation)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

ORGANIC TESTS STARCROSS LABORATORY

Phenols
Solvent Extraction/Derivatisation and GCMS
Documented In-House Method
SX O Phenols
Test code 62

Analyte	Surface Water	Treated Sewage Effluent	Trade to Controlled Water	Land Leachate	Trade to Sewer	Ground Water
Phenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2-methylphenol (o-cresol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
3-methylphenol (m-cresol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-methylphenol (p-cresol)	ISO/IEC 17025	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	ISO/IEC 17025
3-chlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-chlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,3-dimethylphenol (2,3-xylenol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,4-dimethylphenol (2,4-xylenol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Phenols
Solvent Extraction/Derivatisation and GCMS
Documented In-House Method
SX O Phenols
Test code 62

Analyte	Surface Water	Treated Sewage Effluent	Trade to Controlled Water	Land Leachate	Trade to Sewer	Ground Water
2,5-dimethylphenol (2,5-xylenol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,6-dimethylphenol (2,6-xylenol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
3,4-dimethylphenol (3,4-xylenol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
3,5-dimethylphenol (3,5-xylenol)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,3-dichlorophenol	ISO/IEC 17025	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	ISO/IEC 17025
2,5-dichlorophenol	ISO/IEC 17025	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	ISO/IEC 17025
2-ethylphenol	ISO/IEC 17025	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	ISO/IEC 17025
2,4,6-trichlorophenol	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	ISO/IEC 17025
4-chloro-2-methylphenol	ISO/IEC 17025	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	ISO/IEC 17025
4-chloro-3,5-dimethylphenol (PCMX)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025
Pentachlorophenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Organotin Compounds
Extraction/derivatisation followed by analysis by GCMS
Documented In-House Method
SX O TINS
Test 59

Analyte	Ground Water	Surface Water	Saline Water	Treated Sewage Effluent
Dibutyl tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dioctyl tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tetrabutyl tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tributyl tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Triphenyl tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tetraphenyl Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Organic Compounds
Direct Aqueous Injection with Purge & Trap GCMS
Documented In-House Method
SX O Volatiles
Test 1296

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
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-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-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-Trichloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2,3-Trimethylbenzene	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

Volatile Organic Compounds
Direct Aqueous Injection with Purge & Trap GCMS
Documented In-House Method
SX O Volatiles
Test 1296

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
1,2-Dibromo-3-Chloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2-Dibromoethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
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	None	None	ISO/IEC 17025
2-Chlorotoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
3-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
4-iso-Propyltoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzene	ISO/IEC 17025	ISO/IEC 17025	None	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	None	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
Carbon Tetrachloride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Organic Compounds
Direct Aqueous Injection with Purge & Trap GCMS
Documented In-House Method
SX O Volatiles
Test 1296

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
Chlorobenzene	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
Ethyl Benzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethyl t-Butyl Ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
iso-Propylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
m- and 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
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
sec-Butylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Styrene (Ethenylbenzene)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
t-Amyl Methyl Ether	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

Volatile Organic Compounds
Direct Aqueous Injection with Purge & Trap GCMS
Documented In-House Method
SX O Volatiles
Test 1296

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
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	None	None	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 Organic Compounds
Direct Aqueous Injection with Headspace GCMS
Documented In-House Method
SX O Volatiles
Test 54

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
1,1,1-Trichloroethane	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-Trichloropropane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
1,2,3-Trimethylbenzene	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
1,2-Dibromoethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Volatile Organic Compounds
Direct Aqueous Injection with Headspace GCMS
Documented In-House Method
SX O Volatiles
Test 54

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
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-Chlorotoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
3-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
4-iso-Propyltoluene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzene	ISO/IEC 17025	ISO/IEC 17025	None	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
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
Chloroform	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

Volatile Organic Compounds
Direct Aqueous Injection with Headspace GCMS
Documented In-House Method
SX O Volatiles
Test 54

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
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
Ethyl Benzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
iso-Propylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
m- and p-xylene	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
sec-Butylbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Styrene (Ethenylbenzene)	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	None	None	ISO/IEC 17025

Organo Chlorine Pesticides & PCB's
Liquid/liquid Extraction, GC-MSD
Documented in-House Method
SX O OCP
(ISBN 011 751777 1 1984)
Test code 848

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
1,2,3-Trichlorobenzene	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
1,3,5- Trichlorobenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,3,5,6-Tetrachloraniline	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
2,3,5,6-Tetrachlorothioanisole	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Aldrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlordane-cis	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlordane-trans	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chloropropham	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Chlorothalonil	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
DDE-op	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
DDE-pp	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
DDT-op	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
DDT-pp	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dichlobenil	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dieldrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Endosulphan A	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Endosulphan B	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Endrin	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

Organo Chlorine Pesticides & PCB's
Liquid/liquid Extraction, GC-MSD
Documented in-House Method
SX O OCP
(ISBN 011 751777 1 1984)
Test code 848

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
Hexachlorobutadiene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
HCH-Alpha	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
HCH-Beta	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
HCH-Gamma	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
HCH-Delta	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
HCH Epsilon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Heptachlor	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Heptachlor Epoxide-cis	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Heptachlor Epoxide-trans	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Isodrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Methoxychlor	None	ISO/IEC 17025	None	ISO/IEC 17025	ISO/IEC 17025
Pendimethalin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pentachlorbenzene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Propachlor	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
TDE-op	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
TDE-pp	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tecnazene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Triallate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trifluralin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Vinclozolin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Organo Chlorine Pesticides & PCB's
Liquid/liquid Extraction, GC-MSD
Documented in-House Method
SX O OCP
(ISBN 011 751777 1 1984)
Test code 848

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
PCB 8	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 20	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 28	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 31	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 35	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 52	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 77	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 101	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 105	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 118	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 126	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 128	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 138	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 149	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 153	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 156	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 169	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 170	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
PCB 180	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Organophosphorus Pesticides and Triazine Herbicides
Liquid/liquid Extraction, GC-MSD
Documented In-House Method
SX O ONP
Test code 849

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
Atrazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Azinphos Ethyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Azinphos Methyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bendiocarb	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bupirimate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Carbophenothion	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlorfenvinphos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlorpyriphos Ethyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chlorpyriphos Methyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Coumaphos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cyanazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Desmetryn	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Diazinon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dichlorvos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dimethoate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethion	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethofumesate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fenchlorphos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fenitrothion	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fenpropimorph	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fenthion	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Organophosphorus Pesticides and Triazine Herbicides
Liquid/liquid Extraction, GC-MSD
Documented In-House Method
SX O ONP
Test code 849

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
Fonofos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Iodofenphos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Iprodione	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Irgarol 1051	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Malathion	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Metalaxyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Metazachlor	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Mevinphos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Naproamide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Parathion Ethyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Parathion Methyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pirimicarb	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pirimphos Ethyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Pirimphos Methyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Prometryne	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Propazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Propetamphos	ISO/IEC 17025	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	ISO/IEC 17025
Simazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Terbutryn	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Triazophos	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Organophosphorus Pesticides and Triazine Herbicides
Liquid/liquid Extraction, GC-MSD
Documented In-House Method
SX O ONP
Test code 849

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
Trietazine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Pyrethroids
Solvent extraction followed by GCMS
Documented In-House Method
SX O Pyrets
Test 856

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline water
Cis permethrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Trans permethrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cypermethrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Cyfluthrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Lambda cyhalothrin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Bifenthrin	ISO/IEC 17025	ISO/IEC 17025	None	None	ISO/IEC 17025

Phenyl Urea Herbicides, Carbamates, Fungicides
Direct aqueous injection with LC-MS-MS
Documented In-House Method
SX O Urocarb
Test 1131

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Saline Water
Aldicarb Sulfone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Aldicarb Sulfoxide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Carbaryl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Carbendazim	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Carbetamide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chloridazon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
Chlorotoluron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Chloroxuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Diflubenzuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Phenyl Urea Herbicides, Carbamates, Fungicides
Direct aqueous injection with LC-MS-MS
Documented In-House Method
SX O Urocarb
Test 1131

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Saline Water
Diuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethiofencarb	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethirimol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Fenuron	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None
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
Methiocarb	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Methomyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Metoxuron	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
Neburon	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Oxamyl	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Propoxur	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sulcotrione	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None

Acid Herbicides
Direct aqueous injection with LC-QQQ
Documented In-House Method
SX O Acid Herbs QQQ
Test 1214

Analyte	Surface Waters	Ground Waters	Saline Waters	Trade to Controlled Waters	Treated Sewage Effluent	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
4-chloro,2-methylphenol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
4-chlorophenoxyacetic acid	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

Acid Herbicides
Direct aqueous injection with LC-QQQ
Documented In-House Method
SX O Acid Herbs QQQ
Test 1214

Analyte	Surface Waters	Ground Waters	Saline Waters	Trade to Controlled Waters	Treated Sewage Effluent	Land Leachate
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
Fluoroxypyr	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Imazapyr	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
Phenoxyacetic acid	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Phenoxybutyric acid	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Phenoxypropionic acid	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Picloram	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Triclopyr	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Semi Volatile Screens
Solvent extraction with GCMS
Documented In-House Method
SX O SVScreens
Test 138

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
GCMS Scan	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Alcohols and Ketones
Headspace / GCMS
Documented In-House Method
SX O Alcohols and Ketones
Test code 693

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Untreated Sewage	Trade to Controlled Water	Trade to Sewer	Land Leachate
Methanol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethanol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acetonitrile	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Isopropanol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acetone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dimethoxymethane	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Acrylonitrile	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Propanol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Sec-butanol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Methyl-ethyl-ketone (MEK)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Di isopropyl-ether	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Ethyl Acetate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	ISO/IEC 17025
Iso-butanol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Tetrahydrofuran	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Butanol	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Alcohols and Ketones
Headspace / GCMS
Documented In-House Method
SX O Alcohols and Ketones
Test code 693

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Untreated Sewage	Trade to Controlled Water	Trade to Sewer	Land Leachate
Pyridine	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	ISO/IEC 17025	None	ISO/IEC 17025
Cyclohexanone	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Methyl-isobutyl-ketone (MIBK)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Polynuclear Aromatic Hydrocarbons
Liquid liquid Extraction with GCMS
Documented In-House Method
SX O PAH MPS-Method of Analysis for Polynuclear Aromatic Hydrocarbons by GC-MS with MPS.
Test code 852

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline water
Benzo(b)fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(g,h,i)perylene	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(e)pyrene	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
Indeno(1,2,3,c,d)pyrene	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
Pyrene	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
Fluorene	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

Polynuclear Aromatic Hydrocarbons
Liquid liquid Extraction with GCMS
Documented In-House Method
SX O PAH MPS-Method of Analysis for
Polynuclear Aromatic Hydrocarbons by
GC-MS with MPS.
Test code 852

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline water
Anthracene	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
Benzo(a)pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dibenzo(a,h)anthracene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Perylene	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

MICROBIOLOGY TESTS - STARCROSS LABORATORY

Clostridia
Isolation and Enumeration by Membrane Filtration
Documented in House Method
NLS B CLOST ENV
The Microbiology of Recreational and Environmental Waters (2015) - Part 5- Methods for isolation and enumeration of sulphite-reducing clostridia and Clostridium perfringens
Test 799, 806, 1178, 1179

Analyte	Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water	Trade to Sewer	Un-treated Sewage	Soils	Sediments
Sulphite-reducing Clostridia (confirmed)	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
Clostridium perfringens (presumptive and confirmed)	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

Clostridia Potable Isolation and Enumeration by Membrane Filtration Documented in House Method NLS B CLOST POT The Microbiology of Drinking Water (2021) - Part 6 - Methods for the isolation and enumeration of sulphite-reducing clostridia and Clostridium perfringens by membrane filtration Test 804, 805	
Analyte	Potable Water (non regulatory)
Sulphite-reducing Clostridia and Clostridium perfringens (presumptive)	ISO/IEC 17025
Sulphite-reducing Clostridia Clostridium perfringens (confirmed)	ISO/IEC 17025

Coliforms Biota Isolation and Enumeration by Most Probable Number Technique Documented in House Method NLS B COLI BIOTA MPN Enumeration of Escherichia coli in bivalve molluscan shellfish by the most probable number (MPN) technique (based on ISO 16649-3), Cefas- National Reference Laboratory for monitoring bacteriological and viral contamination of bivalve molluscs, issue 17 (2024) Test 836, 837, 838, 1312	
Analyte	Biota – Shellfish flesh (non regulatory purposes)
Total Coliforms (presumptive and confirmed)	ISO/IEC 17025
E. coli (presumptive and confirmed)	ISO/IEC 17025
Faecal Coliforms (presumptive and confirmed)	ISO/IEC 17025

Coliforms Potable Isolation and Enumeration by Membrane Filtration Documented in House Method NLS B COLI POT The Microbiology of Drinking Water (2016) - Part 4 - Methods for the isolation and enumeration of coliform bacteria and Escherichia coli (including E.Coli 0157:H7) Test 784, 785, 788, 789, 948, 949	
Analyte	Potable Water (non regulatory)
Total coliforms (presumptive and confirmed)	ISO/IEC 17025
E. coli (presumptive and confirmed)	ISO/IEC 17025
Faecal coliforms (presumptive and confirmed)	ISO/IEC 17025

E coli (presumptive and confirmed) Environmental water
Isolation and Enumeration by Membrane Filtration
Documented in House Method
NLS B E COLI ENV
1) The Microbiology of Recreational and Environmental Waters (2016) - Part 3 - Methods for isolation and enumeration of Escherichia coli (including E Coli 0157:H7)
2) The Microbiology of Drinking Water (2016) - Part 4 - Methods for the isolation and enumeration of coliform bacteria and Escherichia coli (including E.Coli 0157:H7)
Test 826, 827, 937, 938

Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water	Trade to Sewer	Untreated Sewage	Soils	Sediments
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

Enterococci (presumptive and confirmed)
Isolation and Enumeration by Membrane Filtration
Documented in House Method
NLS B STREP POT ENV
1) The Microbiology of Recreational and Environmental Waters (2015) - Part 4 - Methods for isolation and enumeration of enterococci'
2) The Microbiology of Drinking Water (2012) - Part 5 - Methods for the isolation and enumeration of enterococci
Test 792, 793, 795, 796, 812, 813, 1352, 1353

Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water	Trade to Sewer	Untreated Sewage	Soils	Sediments	Potable Water (non regu-latory)
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

Escherichia coli (chromogenic)(confirmed)
Enumeration by Membrane Filtration
Documented in House Method
NLS B ECOLI TBX
The Microbiology of Recreational and Environmental Water (2016) - Part 3 - Methods for isolation and enumeration of Escherichia coli (including E.coli 0157:H7
Test 1126

Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water	Trade to Sewer	Untreated Sewage	Soils	Sediments
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None

Faecal coliforms (presumptive and confirmed) Environmental water
Isolation and Enumeration by Membrane Filtration
Documented in House Method
NLS B F COLI ENV
1) The Microbiology of Recreational and Environmental Waters (2016) - Part 3 - Methods for isolation and enumeration of Escherichia coli (including E.Coli 0157:H7)
2) The Microbiology of Drinking Water (2016) - Part 2 - Methods for the isolation and enumeration of coliform bacteria and Escherichia coli (including E.coli 0157:H7)
Test 782, 783, 810, 811

Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water	Trade to Sewer	Untreated Sewage	Soils	Sediments
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

Heterotrophic Plate Count
Isolation and Enumeration by Pour Plate Method
Documented in House Method
NLS B PLATE COUNT
The Microbiology of Drinking Water (2012) - Part 7- Methods for the enumeration of heterotrophic bacteria Test 814, 815, 1180, 1189, 1190, 1191

Surface Water	Ground Water	Saline Water	Trade to Controlled Water	Trade to Sewer	Soils	Sediments	Potable Water (non regulatory)
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

MST
Documented In-House Methods
NLS B MST DNA (extraction of DNA from water samples)
NLS BMST QPCR (analysis of DNA sequences from water using Quantitative Polymerase Chain Reaction (QPCR)
Test 103, 941, 1007, 1009, 1011, 1061, 1062, 1063

Analyte	Surface Water	Ground Water	Saline Water	Treated Sewage Effluent
Bacteroides species of Human and Ruminant origin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Avian, Human and Canine mitochondrial DNA	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total coliforms (presumptive and confirmed) Environmental water
Isolation and Enumeration by Membrane Filtration
Documented in House Method
NLS B T COLI ENV
The Microbiology of Recreational and Environmental Water (2000)
(ISBN 1857 054 4666)
Test 780, 781, 808, 809

Surface Water	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water	Trade to Sewer	Untreated Sewage	Soils	Sediments
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

DETAIL OF ACCREDITATION at the LEEDS LABORATORY

Leeds Test		
Inorganics		
Loss on Ignition & Dry Solids	Dry Solids	pH Condutivity
Acid Neutralising Capacity	Total Cyanide	
Fluoride	Particle Size	Colour
Phosphate total	Dissolved Organic Carbon	Nutrients

Leeds Tests		
Metals		
Mercury	Metals aqua regia extractable	Mercury in Marine Sediment MA3000
Metals by ICPOES and Aqua Regia	Mercury in Biota	Sulphate Acid extractable

Leeds Tests		
Organics		
Lipids	PCBs	PAHs
Organotins	Semi Volatile Screens	

Leeds Tests	
Asbestos	
Asbestos Identification	Asbestos Fibre Screening / Identification

INORGANIC TESTS – LEEDS LABORATORY

Loss on Ignition & Dry Solids Gravimetric Analysis Documented in House Method LE I Dry Solids and LOI 01 Test 911 (soil, sediment and solid waste) Where quoted MCERTS performance standard - chemical testing of SOIL			
Analyte	Soil	Sediment	Solid Waste
Dry Solids: %	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Loss on ignition	MCERTS	ISO/IEC 17025	ISO/IEC 17025

Dry Solids Gravimetric Analysis Documented in House Method LE I Dry Solids and LOI Test 1523	
Analyte	Biota Fauna
Dry Solids: %Solids @ 105C	ISO/IEC 17025

pH & Conductivity Documented in House Method LE I EC (Manual) LE I pH (Automated) Test 908 Where quoted MCERTS performance standard - chemical testing of SOIL			
Analyte	Soil	Sediment	Solid Waste
pH (Automated)	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Conductivity (Manual)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Acid Neutralising Capacity Autotitration Documented In-House Method LE I ANC (Auto) 01 Test 741			
Analyte	Soil	Sediment	Solid Waste
Acid Neutralising Capacity pH7 and pH4	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total Cyanide
Automated Continuous Flow Analysis (Skalar)
Documented in House Method
LE I Cyanide (CFA) 01
Test 903

Analyte	Soil	Sediment	Solid Waste
Total Cyanide	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Fluoride (Acid Extractable)
LE I Fluoride (electrode) 01
Documented in House Method
Test 910

Analyte	Soil	Sediment	Solid Waste
Fluoride	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Organic Carbon
Furnace Technique
Documented in House Method
LE I TOC 01
Test 535
Where quoted MCERTS performance standard - chemical testing of SOIL

Analyte	Soil	Sediment	Solid Waste
Total Organic Carbon	MCERTS	ISO/IEC 17025	ISO/IEC 17025

Particle Size
Laser Diffraction/Sieving
Documented in house method
LE P Particle Size by Laser Diffraction & LE P Particle Size by Sieving
Test 1370, 1368, 1369

Analyte	Marine Sediment
Particle Size	ISO/IEC 17025
Kurtosis	ISO/IEC 17025
Graphic Skewness	ISO/IEC 17025
Particle Diam Mean	ISO/IEC 17025
Sorting Co-efficient	ISO/IEC 17025
Particle Diam Median	ISO/IEC 17025
Grain Size Inclusive Mean	ISO/IEC 17025
Grain Size Inclusive Kurtosis	ISO/IEC 17025
GSF >63000 mic	ISO/IEC 17025
GSF 45000-63000 mic	ISO/IEC 17025
GSF 31500-45000 mic	ISO/IEC 17025
GSF 22400-31500 mic	ISO/IEC 17025
GSF 16000-22400 mic	ISO/IEC 17025
GSF 11200-16000 mic	ISO/IEC 17025
GSF 8000-11200 mic	ISO/IEC 17025
GSF 5600-8000 mic	ISO/IEC 17025
GSF 4000-5600 mic	ISO/IEC 17025
GSF 2800-4000 mic	ISO/IEC 17025
GSF 2000-2800 mic	ISO/IEC 17025

Particle Size Laser Diffraction/Sieving Documented in house method LE P Particle Size by Laser Diffraction & LE P Particle Size by Sieving Test 1370, 1368, 1369	
Analyte	Marine Sediment
GSF 1000-1400 mic	ISO/IEC 17025
GSF <1000 mic	ISO/IEC 17025
Particle Size Report	ISO/IEC 17025
Raw Data Report	ISO/IEC 17025
GSF >1000 mic	ISO/IEC 17025
GSF 707-1000 mic	ISO/IEC 17025
GSF 500-707 mic	ISO/IEC 17025
GSF 354-500 mic	ISO/IEC 17025
GSF 250-354 mic	ISO/IEC 17025
GSF 177-250 mic	ISO/IEC 17025
GSF 125-177 mic	ISO/IEC 17025
GSF 88.4-125 mic	ISO/IEC 17025
GSF 62.5-88.4 mic	ISO/IEC 17025
GSF 44.2-62.5 mic	ISO/IEC 17025
GSF 31.3-44.2 mic	ISO/IEC 17025
GSF 22.1-31.3 mic	ISO/IEC 17025
GSF 15.6-22.1 mic	ISO/IEC 17025
GSF 11.1-15.6 mic	ISO/IEC 17025
GSF 7.81-11.1 mic	ISO/IEC 17025
GSF 5.52-7.81 mic	ISO/IEC 17025
GSF 3.91-5.52 mic	ISO/IEC 17025
GSF 2.76-3.91 mic	ISO/IEC 17025
GSF 1.95-2.76 mic	ISO/IEC 17025
GSF 1.38-1.95 mic	ISO/IEC 17025
GSF 0.98-1.38 mic	ISO/IEC 17025
GSf <0.98 mic	ISO/IEC 17025

Monohydric phenols Continuous Flow Analysis Documented in House Method LE I Monohydric Phen (CFA) 01 Test 905 by Skalar San++		
Analyte	Soil	Sediment
Monohydric Phenols	ISO/IEC 17025	ISO/IEC 17025

Colour Analysis of Colour by UV/VIS Colour filtered in Hazen Units Range 0-200 Documented In-House Method LE I Colour Test 20		
Surface Water	Ground Water	
ISO/IEC 17025	ISO/IEC 17025	

Phosphate Total Analysis of Total Phosphate by Discrete Analyser Documented In-House Method LE I Total Phosphate and LE I Total Phosphate Dissolved Test 235 and Test 1236			
Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Dissolved Organic Carbon (DOC) Continuous Flow Analyser Documented In-House Method LE I DOC Test 22					
Surface Water	Prepared Leachate	Ground Water	Saline Water	Treated Sewage Effluent	Trade to Controlled Water
ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Nutrients Automated Colorimetric Analysis Documented In-House Method LE I Nutrient Test 25, 678						
Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Untreated Sewage (678 only)	Landfill Leachate (678 only)	Trade to Controlled Water
Ammonia	ISO/IEC 17025	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
Total Oxidised Nitrogen	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrate (Calculated)	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

Nutrients
Automated Colorimetric Analysis
Documented In-House Method
LE I Nutrient
Test 25, 678

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Untreated Sewage (678 only)	Landfill Leachate (678 only)	Trade to Controlled Water
Orthophosphate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Silicate (not in test 678)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	ISO/IEC 17025
Alkalinity (not in test 678)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	None	None	ISO/IEC 17025

Nutrients
Automated Colorimetric Analysis
Documented In-House Method
LE I Nutrient (filtered prior to receipt)
Test 237

Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water
Ammonia	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
Total Oxidised Nitrogen	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Nitrate (Calculated)	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
Orthophosphate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Silicate	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Alkalinity	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

METALS TESTS – LEEDS LABORATORY

Mercury Direct Mercury Analyser with Atomic Absorption Documented In-House Method LE M Mercury MA3000 Test 916			
Analyte	Soil	Sediment (freshwater)	Solid Waste
Mercury	MCERTS	ISO/IEC 17025	ISO/IEC 17025

Mercury in Marine Sediment Direct Mercury Analyser with Atomic Absorption Documented In-House Method LE M Mercury MA3000 Test 1042	
Analyte	Marine Sediment <63µm mg/kg
Mercury	ISO/IEC 17025

Mercury in Marine Sediment Direct Mercury Analyser with Atomic Absorption Documented In-House Method LE M Mercury MA3000 Test 1082	
Analyte	Marine Sediment <2mm mg/kg
Mercury	ISO/IEC 17025

Metals by ICPOES and Aqua Regia Aqua Regia digest and ICPOES Documented In-House Method LE M Metals Marine (ICPOES) 01 Test 1043	
Analyte	Marine Sediment
Aluminium	ISO/IEC 17025
Barium	ISO/IEC 17025
Strontium	ISO/IEC 17025
Iron	ISO/IEC 17025

Mercury in Biota Direct Mercury Analyser with Atomic Absorption Documented In-House Method LE M Mercury MA3000 Test 345	
Analyte	Marine Biota (Fauna and Flora)
Mercury	ISO/IEC 17025

Sulphate (Acid extractable)
ICPOES
Documented In-House Method
LE M Metals (ICPOES) 01
Test 939

Analyte	Soil	Sediment	Solid Waste
Sulphate (Acid Extractable)	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Metals by ICPOES and HF Acid
Hydrofluoric Acid digest and ICPOES
Documented In-House Method
LE M Metals Marine (ICPOES) 01
Test 756

Analyte	Marine Sediment
Aluminium	ISO/IEC 17025
Barium	ISO/IEC 17025
Iron	ISO/IEC 17025

Metals
Aqua Regia extractable and ICPOES
Documented In-House Method
LE M Metals Marine (ICPOES) 01
Test 914

Analyte	Soil	Sediment
Aluminium	ISO/IEC 17025	ISO/IEC 17025
Antimony	ISO/IEC 17025	ISO/IEC 17025
Arsenic	MCERTS	ISO/IEC 17025
Barium	ISO/IEC 17025	ISO/IEC 17025
Beryllium	MCERTS	ISO/IEC 17025
Boron	MCERTS	ISO/IEC 17025
Cadmium	MCERTS	ISO/IEC 17025
Calcium	ISO/IEC 17025	ISO/IEC 17025
Chromium	MCERTS	ISO/IEC 17025
Cobalt	MCERTS	ISO/IEC 17025
Copper	MCERTS	ISO/IEC 17025
Iron	MCERTS	ISO/IEC 17025
Lead	MCERTS	ISO/IEC 17025
Lithium	ISO/IEC 17025	ISO/IEC 17025
Magnesium	ISO/IEC 17025	ISO/IEC 17025

Metals Aqua Regia extractable and ICPOES Documented In-House Method LE M Metals Marine (ICPOES) 01 Test 914		
Analyte	Soil	Sediment
Manganese	ISO/IEC 17025	ISO/IEC 17025
Mercury	MCERTS	ISO/IEC 17025
Molybdenum	MCERTS	ISO/IEC 17025
Nickel	MCERTS	ISO/IEC 17025
Phosphorus	ISO/IEC 17025	ISO/IEC 17025
Potassium	ISO/IEC 17025	ISO/IEC 17025
Selenium	MCERTS	ISO/IEC 17025
Silver	ISO/IEC 17025	ISO/IEC 17025
Sodium	ISO/IEC 17025	ISO/IEC 17025
Strontium	ISO/IEC 17025	ISO/IEC 17025
Thallium	MCERTS	ISO/IEC 17025
Tin	ISO/IEC 17025	ISO/IEC 17025
Titanium	ISO/IEC 17025	ISO/IEC 17025
Vanadium	MCERTS	ISO/IEC 17025
Zinc	MCERTS	ISO/IEC 17025

Metals by ICPMS and HF Acid Documented In-House Method LE M Metals ICP MS Sediment 01 Test 341	
Analyte	Marine Sediment
Arsenic	ISO/IEC 17025
Cadmium	ISO/IEC 17025
Chromium	ISO/IEC 17025
Copper	ISO/IEC 17025
Lead	ISO/IEC 17025
Lithium	ISO/IEC 17025
Manganese	ISO/IEC 17025
Nickel	ISO/IEC 17025
Vanadium	ISO/IEC 17025
Zinc	ISO/IEC 17025

Metals by ICPMS and Microwave Digestion Documented In-House Method LE M Metals ICP MS Sediment 01 Test 1041	
Analyte	Marine Sediment
Arsenic	ISO/IEC 17025
Cadmium	ISO/IEC 17025
Chromium	ISO/IEC 17025
Copper	ISO/IEC 17025
Lead	ISO/IEC 17025
Lithium	ISO/IEC 17025
Manganese	ISO/IEC 17025
Nickel	ISO/IEC 17025
Vanadium	ISO/IEC 17025
Zinc	ISO/IEC 17025

Metals by ICPMS and Microwave Digestion Documented In-House Method LE M Metals ICP MS Biota 01 Test 342	
Analyte	Biota
Aluminium	ISO/IEC 17025
Arsenic	ISO/IEC 17025
Cadmium	ISO/IEC 17025
Chromium	ISO/IEC 17025
Copper	ISO/IEC 17025
Iron	ISO/IEC 17025
Lead	ISO/IEC 17025
Manganese	ISO/IEC 17025
Nickel	ISO/IEC 17025
Selenium	ISO/IEC 17025
Zinc	ISO/IEC 17025

Metals by ICPMS and Microwave Digestion Documented In-House Method LE M Metals ICP MS Biota 01 Test 1576	
Analyte	Biota
Silver	ISO/IEC 17025

ASBESTOS – LEEDS LABORATORY

Asbestos Identification Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021 Documented In-House Method LE P Asbestos (Microscopy) 01 Test 1544 using Stereo-microscopy, polarised light optical microscopy and dispersion staining based on HSG 248	
Analyte	ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos
Amosite	ISO/IEC 17025
Chrysotile	ISO/IEC 17025
Crocidolite	ISO/IEC 17025
Fibrous Actinolite	ISO/IEC 17025
Fibrous Anthophyllite	ISO/IEC 17025
Fibrous Tremolite	ISO/IEC 17025

Asbestos Identification Health and Safety Executive - Asbestos: The Analysts' Guide (HSG 248) – 2021 Documented In-House Method LE P Asbestos (Microscopy) 01 Test 435 Stereo microscopy, polarised light optical microscopy and dispersion staining based on HSG 248	
Analyte	ASBESTOS IN SOILS / AGGREGATES / SOLID WASTE / SEDIMENT
Amosite	ISO/IEC 17025
Chrysotile	ISO/IEC 17025
Crocidolite	ISO/IEC 17025
Fibrous Actinolite	ISO/IEC 17025
Fibrous Anthophyllite	ISO/IEC 17025
Fibrous Tremolite	ISO/IEC 17025

Quantification of Asbestos Documented In-House Method LE P Asbestos (Microscopy) 01 Test 1012 Quantitative determination of asbestos by gravimetric technique	
Analyte	ASBESTOS IN SOILS / AGGREGATES / SOLID WASTE / SEDIMENT Asbestos % Report Asbestos Pick and Weigh

Quantification of Asbestos by Fibre Counting Documented In-House Method LE P Asbestos (Microscopy) 01 Test 1588 Membrane Filter Method using Phase Contrast Microscopy (PCM) based on HSG 248	
Analyte	ASBESTOS FIBRE COUNT

ORGANICS – LEEDS LABORATORY

Semi Volatile Screens Solvent extraction with GCMS Documented In-House Method LE O SVOC Screens 01 Test 1628					
Analyte	Surface Water	Ground Water	Treated Sewage Effluent	Trade to Controlled Water	Saline Water
GCMS Scan	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

Total Lipids in Marine Biota Solvent Extraction and Gravimetric Analysis Documented in House Method LE O Lipids (01) Test 173	
Analyte	Marine Biota (Fauna)
Lipid Concentration	ISO/IEC 17025

Organotins Documented In-House Method LE O Organotins (GCMS) Test 897			
Analyte	Soil	Sediment	Solid Waste
Tributyl Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Dibutyl Tin	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025

PCBs Solvent extraction and GCMS Documented In-House Method LE O MR Solid (GCMS) 01-03 Multi-residue analysis Test 1508 Where quoted MCERTS performance standard - chemical testing of SOIL			
Analyte	Soil	Sediment	Solid Waste
PCB 8	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 20	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 35	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 52	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 77	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 101	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 105	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 118	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 126	MCERTS	ISO/IEC 17025	ISO/IEC 17025

PCBs
Solvent extraction and GCMS
Documented In-House Method
LE O MR Solid (GCMS) 01-03 Multi-residue analysis
Test 1508
Where quoted MCERTS performance standard - chemical testing of SOIL

Analyte	Soil	Sediment	Solid Waste
PCB 128	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 138	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 149	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 153	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 156	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 169	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 170	MCERTS	ISO/IEC 17025	ISO/IEC 17025
PCB 180	MCERTS	ISO/IEC 17025	ISO/IEC 17025

PAHs
Solvent extraction and GCMS
Documented In-House Method
LE O MR Solid (GCMS) 01-03 Multi-residue analysis
Test 1511
Where quoted MCERTS performance standard - chemical testing of SOIL

Analyte	Soil	Sediment	Solid Waste
Acenaphthene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Acenaphthylene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Anthracene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)anthracene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)pyrene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(b+k)fluoranthene	ISO/IEC 17025	ISO/IEC 17025	ISO/IEC 17025
Benzo(k)fluoranthene	MCERTS	None	None
Benzo(b)fluoranthene	MCERTS	None	None
Benzo(e)pyrene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Benzo(g,h,i)perylene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Chrysene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Dibenzo(a,h)anthracene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Fluoranthene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Fluorene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Indeno(1,2,3-cd)pyrene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Phenanthrene	MCERTS	ISO/IEC 17025	ISO/IEC 17025
Pyrene	MCERTS	ISO/IEC 17025	ISO/IEC 17025

PAH's in Marine Sediment and Biota
GC-MS/MS
Documented In-House Method
LE O OCP/PCB/PAH in Marine Biota (01)
Test 1310

Analyte	Marine Biota (Flora)	Marine Biota (Fauna)
Naphthalene	ISO/IEC 17025	ISO/IEC 17025
Acenaphthylene	ISO/IEC 17025	ISO/IEC 17025
Acenapthene	ISO/IEC 17025	ISO/IEC 17025
Fluorene	ISO/IEC 17025	ISO/IEC 17025
Phenanthrene	ISO/IEC 17025	ISO/IEC 17025
Anthracene	ISO/IEC 17025	ISO/IEC 17025
Fluoranthene	ISO/IEC 17025	ISO/IEC 17025
Pyrene	ISO/IEC 17025	ISO/IEC 17025
Perylene	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)anthracene	None	ISO/IEC 17025
Chrysene	ISO/IEC 17025	ISO/IEC 17025
Benzo(b)fluoranthene	ISO/IEC 17025	ISO/IEC 17025
Benzo(k)fluoranthene	ISO/IEC 17025	ISO/IEC 17025
Benzo(a)pyrene	ISO/IEC 17025	ISO/IEC 17025
Indeno(123cd)pyrene	ISO/IEC 17025	ISO/IEC 17025
DiBen(ah)anthracene	ISO/IEC 17025	ISO/IEC 17025
Benzo(ghi)perylene	ISO/IEC 17025	ISO/IEC 17025
Benzo(e)pyrene	ISO/IEC 17025	ISO/IEC 17025
1-methylnaphthalene	ISO/IEC 17025	ISO/IEC 17025

PAH's in Marine Sediment and Biota
GC-MS/MS
Documented In-House Method
LE O OCP/PCB/PAH in Marine Sediment
Test 1051

Analyte	Marine Sediment
Naphthalene	ISO/IEC 17025
Acenapthene	ISO/IEC 17025
Fluorene	ISO/IEC 17025
Phenanthrene	ISO/IEC 17025
Anthracene	ISO/IEC 17025
Fluoranthene	ISO/IEC 17025
Pyrene	ISO/IEC 17025
Benzo(a)anthracene	ISO/IEC 17025
Chrysene	ISO/IEC 17025
Benzo(b)fluoranthene	ISO/IEC 17025
Benzo(k)fluoranthene	ISO/IEC 17025
Benzo(a)pyrene	ISO/IEC 17025
Indeno(123cd)pyrene	ISO/IEC 17025
DiBen(ah)anthracene	ISO/IEC 17025
Benzo(ghi)perylene	ISO/IEC 17025
Benzo(e)pyrene	ISO/IEC 17025

PAH's in Wet Marine Sediment GC-MS/MS Documented In-House Method LE O PAH and ALK PAH in wet Sediment Test 1540	
Analyte	As Received (wet) Marine Sediment
Naphthalene	ISO/IEC 17025
Acenaphthylene	ISO/IEC 17025
Acenapthene	ISO/IEC 17025
Fluorene	ISO/IEC 17025
Phenanthrene	ISO/IEC 17025
Anthracene	ISO/IEC 17025
Fluoranthene	ISO/IEC 17025
Pyrene	ISO/IEC 17025
Perylene	ISO/IEC 17025
Benzo(a)anthracene	ISO/IEC 17025
Chrysene	ISO/IEC 17025
Benzo(b)fluoranthene	ISO/IEC 17025
Benzo(k)fluoranthene	ISO/IEC 17025
Benzo(a)pyrene	ISO/IEC 17025
Indeno(123cd)pyrene	ISO/IEC 17025
DiBen(ah)anthracene	ISO/IEC 17025
Benzo(ghi)perylene	ISO/IEC 17025
Benzo(e)pyrene	ISO/IEC 17025
C1 Phenanthrenes (calculated from 1-Methyl phenanthrene)	ISO/IEC 17025

PCB's in Marine Sediment and Biota GC-MS/MS Documented In-House Method LE O OCP/PCB/PAH in Marine Sediment (01) Test 685	
Analyte	Marine Sediment
PCB 28	ISO/IEC 17025
PCB 52	ISO/IEC 17025
PCB 101	ISO/IEC 17025
PCB 118	ISO/IEC 17025
PCB 138	None
PCB 153	ISO/IEC 17025
PCB 180	ISO/IEC 17025

PCB's in Marine Sediment and Biota GC-MS/MS Documented In-House Method LE O OCP/PCB/PAH in Marine Biota (01) Test 688		
Analyte	Marine Biota (Flora)	Marine Biota (Fauna)
PCB 28	ISO/IEC 17025	ISO/IEC 17025
PCB 52	ISO/IEC 17025	ISO/IEC 17025
PCB 101	ISO/IEC 17025	ISO/IEC 17025
PCB 118	ISO/IEC 17025	ISO/IEC 17025
PCB 138	ISO/IEC 17025	ISO/IEC 17025
PCB 153	ISO/IEC 17025	ISO/IEC 17025
PCB 180	ISO/IEC 17025	ISO/IEC 17025

PCB's in Marine Sediment GC-MS/MS Documented In-House Method LE O PCB & OCP MMO Test 1557	
Analyte	Marine Sediment
PCB 18	ISO/IEC 17025
PCB 28	ISO/IEC 17025
PCB 31	ISO/IEC 17025
PCB 44	ISO/IEC 17025
PCB 47	ISO/IEC 17025
PCB 49	ISO/IEC 17025
PCB 52	ISO/IEC 17025
PCB 66	ISO/IEC 17025
PCB 101	ISO/IEC 17025
PCB 105	ISO/IEC 17025
PCB 110	ISO/IEC 17025
PCB 118	ISO/IEC 17025
PCB 128	ISO/IEC 17025
PCB 138	ISO/IEC 17025
PCB 141	ISO/IEC 17025
PCB 149	ISO/IEC 17025
PCB 151	ISO/IEC 17025
PCB 153	ISO/IEC 17025
PCB 156	ISO/IEC 17025
PCB 158	ISO/IEC 17025
PCB 170	ISO/IEC 17025
PCB 180	ISO/IEC 17025
PCB 183	ISO/IEC 17025
PCB 187	ISO/IEC 17025
PCB 194	ISO/IEC 17025
END	