

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 1835</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Northern Ireland Water</h3> <p>Issue No: 040 Issue date: 12 November 2021</p>	
	<p>Westland House Laboratory Old Westland Road Belfast Northern Ireland BT14 6TE</p>	<p>Contact: Lauren McMullan Tel: +44 (0)28 9074 1166 Fax: +44 (0)28 9035 4869 E-Mail: lauren.mcmullan@niwater.com Website: www.niwater.com</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
POTABLE, SURFACE and GROUNDWATERS	<p>Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations (Northern Ireland) 2017. The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p> <p><u>Chemical Tests</u></p> <p>Alkalinity</p>	<p>Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year</p> <p>M-025 using Titrimetry 011 751 601 5 1981</p>
Ground Water, Surface Water and Drinking Water	<p>Chloride Fluoride Nitrate Nitrite Sulphate Potassium Ammonium Sodium Calcium Magnesium Total Hardness (by calculation) Phosphate</p>	<p>Documented In house Method M-097: Determination of Anions and Cations by Ion Chromatography</p>
POTABLE, SURFACE and GROUNDWATERS	Taste and Odour Dilution Numbers	M-081 based on SCA blue book Determination of Taste and Odour (2014)
POTABLE SURFACE WATER and GROUNDWATERS	<p>Colour Turbidity pH Conductivity</p>	<p>M-091 using Peerless instrument 011 751 955 3 1981 011 752 084 5 1988 011 751 428 4 1978</p>



1835
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

Northern Ireland Water
Issue No: 040 **Issue date** 12 November 2021

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
POTABLE and RAW WATERS	<p>Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations (Northern Ireland) 2017. The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p> <p><u>Chemical Tests</u></p> <p>Total Metals: Aluminium Iron Manganese Copper Zinc Lead Boron Antimony Arsenic Cadmium Chromium Nickel Selenium</p> <p>Total Organic Carbon</p>	<p>Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year</p> <p>M-096 using ICP-MS</p> <p>M-094 using Combustion Analyser</p>
POTABLE SURFACE WATER and GROUNDWATERS	<p>Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations (Northern Ireland) 2017. The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p> <p>Chloroform Bromodichloromethane Dibromochloromethane Bromoform Total THMS (by calculation)</p> <p>Trichloroethene Tetrachloroethene Carbon tetrachloride 1,2-Dichloroethane Benzene</p>	<p>Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year</p> <p>M-092 by Purge and Trap GCMS</p> <p>M-092 by Purge and Trap GCMS</p>



1835
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

Northern Ireland Water
Issue No: 040 Issue date 12 November 2021

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
POTABLE, SURFACE and GROUNDWATER	<u>Microbiology Tests</u> Enumeration and Identification of <i>Clostridium perfringens</i> , confirmed	M-086 using Membrane Filtration and acid phosphatase (MDW 2020, Part 6)
POTABLE, SURFACE and GROUNDWATER	Total Colony Counts at 22 °C and for 37 °C	M-065 using pour plate (MDW 2020, part 7)
POTABLE, SURFACE and GROUNDWATER	Enumeration and Identification of Enterococci, confirmed	M-062 using membrane filtration (MDW 2012, part 5)
POTABLE, SURFACE and GROUNDWATER	Enumeration and Identification of Coliforms and E coli bacteria	M-089 by Idexx Quantitray using Colilert (MDW 2016 Part 4)
POTABLE, SURFACE and GROUNDWATER	Enumeration and Identification of Coliforms and E coli bacteria	M-090 by Membrane Filtration using MLGA (MDW 2016, Part 4)
END		