

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>1835</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>Northern Ireland Water Ltd</b>	
	<b>Issue No: 049 Issue date: 17 November 2024</b>	
	<b>Westland House Laboratory</b> <b>Old Westland Road</b> <b>Belfast</b> <b>Northern Ireland</b> <b>BT14 6TE</b>	<b>Contact: Natasha Barr</b> <b>Tel: +44 (0)28 9074 1166</b> <b>Fax: +44 (0)28 9035 4869</b> <b>E-Mail: Natasha.barr@niwater.com</b> <b>Website: www.niwater.com</b>
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
POTABLE, SURFACE and GROUNDWATERS	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)	Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year
Ground Water, Surface Water and Drinking Water	<u>Chemical Tests</u>  Alkalinity  Chloride Fluoride Nitrate Nitrite Sulphate Potassium Ammonium Sodium Calcium Magnesium Total Hardness (by calculation)	M-025 using Titrimetry 011 751 601 5 1981  Documented In house Method M-097: Determination of Anions and Cations by Ion Chromatography
Drinking water	Phosphate	
POTABLE, SURFACE and GROUNDWATERS	Taste and Odour Dilution Numbers	M-081 based on SCA blue book Determination of Taste and Odour (2014)



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POTABLE SURFACE WATER and GROUNDWATERS	<u>Chemical Tests</u> (cont'd)  Colour Turbidity Conductivity pH	M-100 using Minilab instrument
POTABLE SURFACE AND GROUNDWATERS	Total Metals: Aluminium Iron Manganese Copper Zinc Lead Boron Antimony Arsenic Cadmium Chromium Nickel Selenium	M-096 using ICP-MS
POTABLE , SURFACE AND GROUNDWATERS	Total Metals: Aluminium Iron Boron Manganese Chromium Antimony Arsenic Cadmium Selenium	M-102 using ICPMS



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POTABLE SURFACE AND GROUNDWATERS	<u>Chemical Tests</u> (cont'd)	
	Total metals: (cont'd)	M-102 using ICPMS
	Total metals:.	M-102 by ICPMS
	Copper, Lead, Zinc, Nickel	
	Total: Mercury	M-102 by ICPMS
	Total Organic Carbon	M-094 using Combustion Analyser
	Total Organic Carbon	M-104 by persulphate oxidation using Conductometric Analyser
POTABLE SURFACE WATER and GROUNDWATERS	Chloroform Bromodichloromethane Dibromochloromethane Bromoform Total THMS (by calculation)	M-092 by Purge and Trap GCMS
	Trichloroethene Tetrachloroethene Carbon tetrachloride 1,2-Dichloroethane Benzene	M-092 by Purge and Trap GCMS



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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 2021, 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		