Schedule of Accreditation

Organisation Name	Roscommon County Council Environmental Laboratory
INAB Reg No	347T
Contact Name	William Keogh
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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	07/12/2016

Scope Classification	Biological and Veterinary Testing
Scope Classification	Chemical Testing

Services available to the public[1]

[1] Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	**Address**
1	Head Office	Arás an Chontae, Roscommon, Ireland, F42 VR98

Scope of Accreditation

Head Office

Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference
805 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids using appropriate techniques - .03 Nucleic acid amplification tests, CE marked commercial systems	Colony Counts @ 22oC for 72 hours	Pour plates	Waters - potable waters	Pour plates, incubator.	The Microbiology of Drinking Water (2020) - Part 7 - Methods for the enumeration of heterotrophic bacteria. Methods for the Examination of Waters and Associated Materials. Environment Agency.
	Enumeration of Clostridium perfringens in water.	Membrane filtration	Waters - Potable Waters	Membrane filtration	Documented in-house method – Membrane filtration based on ASTM D5916-96 (2002) and S.I. No. 122 of 2014 European Union (Drinking Water) Regulations. SOP Micro 002
	Enumeration of Coliforms & E.coli	Idexx	Waters - Potable Waters	Idexx	Documented in-house method based on MPN by IDEXX Colilert 18 ISO 9308-2:2012 SOP Micro 001
	Enumeration of Enterococci		Waters - Potable Waters	Idexx	Documented in-house method based on Enterolrt-DW protocol/ AFNOR IDX 33/04-02/15

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (inc waters) - .05 Inorganic	Ammonia Chem 005	Ammonia	0.03-1.29mg/L NH4	Water for potable & domestic purposes	Documented in-house Konelab Salicylate method based on Methods for the examination of waters and associated materials, Ammonia in Waters, 1981.	SOP Method Chem 005
	Apparent Colour Chem 003	Apparent Colour	5 - 100 Hazen	Water for domestic and potable purposes.	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2120-C SOP 003
	Chemical Oxygen Demand Chem 008	Chemical Oxygen Demand	20 - 1500 mg/L	Sewage & WWTP Effluent	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2220-D Chem 008
	Colour Chem 003 Meter	Colour	5-100 Hazen Units	Water for potable & domestic purposes	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2120-C SOP Method Chem 003 (Meter)
	Conductivity Chem 002 by Meter	Conductivity	10-1400µS/cm	Water for potable & domestic purposes, sewage, WWTP effluent and surface waters.	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2510-B SOP Method Chem 002 (Meter)

	pH Chem 001 by Meter	pH	4-10	Water for potable & domestic purposes, sewage, WWTP effluent and surface waters..	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23nd Edition 2017.	4500-H SOP Method Chem 001 (Meter)
	Suspended Solids Chem 007	Suspended Solids	2.5 - 1000 mg/L	Sewage, WWTP Effluent & Surface Waters	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2540-D Chem 007
	Total P Chem 017	Total Phosphate	0.01mg/l - 0.2mg/l	Ground Water and Surface Water	Documented in-house method based on ISO 6878:2004	SOP 017: Determination of Total P
	Turbidity Chem 004 Meter	Turbidity	0.1-20 NTU	Water for potable & domestic purposes	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2130-B SOP Method Chem 004 (Meter)