

# Schedule of Accreditation



Organisation Name	Kerry County Council
Trading As	Kerry Co Council
INAB Reg No	340T
Contact Name	Lynda Harman
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Accreditation Standard	EN ISO/IEC 17025 T
Date of award of accreditation	08/12/2015
Scope Classification	Biological and Veterinary Testing
Scope Classification	Chemical Testing
Services available to the public <sup>1</sup>	No

<sup>1</sup> 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	Laboratory, Aras Chontae, Rathass, Kerry

# Scope of Accreditation

## Head Office

### Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference
803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of bacteria	Enumeration of Coliforms and E coli using IDEXX (Colilert 18) Quanti tray	Incubation at 36c for 18-22 hrs followed by elucidation using fluorescence	Potable and surface waters	Quanti tray sealer, Incubator and fluorescence chamber	IDEK Colilert 18 ISO standard 9308-2:2012/P-025
	Enumeration of E coli using IDEXX (Colilert 18) Quanti tray		Marine waters	Quanti tray sealer, Incubator and fluorescence chamber	ISO-9308-2 -2012 /P_032
	Enumeration of Enterococci by membrane filtration method	Membrane filtration followed by Incubation at 36 C +/- 2c ,for 44 hrs +/- 4 hrs	Potable waters	Incubator at 36 C +/- 2c	on ISO 7899-2:2000(E)/P-028
		Membrane filtration Incubation at 36C +/- 2C for 4 hrs +/- 0.5Hr followed by 44C +/-0.5C for 40 hrs +/- 4 hrs	Marine waters	Ramping Incubator at 36 C +/- 2c and 44c+/-0.5c	Microbiology of Drinking Waters (2012) Part 5A /P-028

## Head Office

### Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
710 Materials testing - .03 Chemical analysis	Determination of Chemical Oxygen demand In Wastewaters	Chemical Oxygen Demand (COD)	13 -10000 mg/L O <sub>2</sub>	Other waters Leachate	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 5220 D/P-007
			13 -10000 mg/L O <sub>2</sub>	Sewage	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 5220 D/P-007
			13 -10000 mg/L O <sub>2</sub>	Trade Effluent	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 5220 D/P-007
			13-10000 mg/L O <sub>2</sub>	WWTP Effluent	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 5220 D/P-007
766 Environmental testing (inc waters) - .05 Inorganic	Discrete selective Photometric analysis	Ammonia	0.05 - 1 mg/l N	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-003
		Chloride	5 - 80mg/L extended	potable and	Aquakem analyzer	HMSO-1981/ P-005

		to 200 mg/L by dilution	surface waters		
	Nitrite	0.05 - 1 mg/l N	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-014
	Sulphate	5 - 100 mg/l SO4	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-019
	Total Oxidized Nitrogen	0.5 - 10 mg/l N	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-013
Electrometric determination of Conductivity	Conductivity	15 - 2500 us/cm	Sewage, WWTP effluent, potable and surface waters	Conductivity Meter	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 2510-B/P-009
Determination of Ammonia as NH4 by calculation	Ammonia as NH4	0.06 to 1.29mg/L NH4	Potable and Surface waters	Aquakem Analyzer	HMSO-1981/ P-003
Determination of Colour by Hazen method	Colour (Apparent)	6 to 100 Hazen units	Potable and surface waters	Spectrophotometer	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 2120C/P-008
Determination of Nitrate by Calculation	Nitrate	2.2 to 44.3 mg/ NO3	Potable and Surface waters	Aquakem Analyzer	HMSO-1981/P-013
Determination of Nitrite as NO2 by calculation	Nitrite as NO2	0.16 to 3.29mg/L as NO2	Potable and Surface waters	Aquakem Analyzer	HMSO-1981/ P-014
Determination of Turbidity by Nephelometry	Turbidity	0.5 to 10 NTU	Potable water	Turbidimeter	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 2130-B/P-023
Electrochemical determination of Fluoride	Fluoride	0.1 - 2 mg/L F	Potable water	Ion Selective Electrode meter	Std Methods for Examination of Water and Wastewater 24th Edn 2022 4500-F-C/P-

					010
Electrometric determination of Ph	pH	4-10 Ph units	Sewage, WWTP effluent, potable and surface waters	Ph meter	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 4500-H/P-015
Gravimetric Determination of Suspended Solids	Suspended Solids	5 - 10000 mg/l	Surface waters, Sewage, Effluent discharges (WWTP), Trade Effluent, Leachate	Oven Capable of drying between 103 - 105 C	Std Methods for Examination of Water and Wastewater 24th Edn 2022: 2540 D/P-018