

Schedule of Accreditation



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| Organisation Name | Kerry County Council |
| Trading As | Kerry Co Council |
| INAB Reg No | 340T |
| Contact Name | Brendan Spring |
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| Website | http://www.kerrycoco.ie |
| Accreditation Standard | EN ISO/IEC 17025 T |
| Standard Version | 2017 |
| Date of award of accreditation | 08/12/2015 |
| Scope Classification | Biological and veterinary testing |
| Scope Classification | Chemical testing |
| Services available to the public ¹ | No |

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 | 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 | IDEX 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 |

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 -100000 mg/L O2 | 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 -100000 mg/L O2 | 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 -100000 mg/L O2 | 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 |
| | | | 13-100000 mg/L O2 | 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 - 80 mg/l Cl | potable and surface waters | Aquakem analyzer | HMSO-1981/ P-005 |
| | | Nitrite | 0.05 - 1 mg/l N | potable and surface waters | Aquakem analyzer | HMSO-1981/ P-014 |

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|--|---|-------------------------|----------------------|---|--|--|
| | | 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 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 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 |

