

Test Report

Report of: Drinking Water [European Communities (Drinking Water)(No.2) Regulations 2007 (S.I. No.278 of 2007)].

Report to: Monaghan County Council

Report date: 10/12/15

Location sampled: Lough Egish R.W.S.S

Date collected: 27/10/2015

Date received: 27/10/2015

Analysis group: CHECK

Comments:

| | | | Laboratory Ref: | 1513994 |
|-----------|------------------------|------------|---------------------------------------|-------------------|
| | | | Type of sample: | Drinking Water |
| | | | Sampling point: | Hackett, Brackly |
| | | | Sampled by: | Dermot McCague |
| | | | Time Sampled: | nt |
| | | | Start/End - Dates of Analysis: | 28-10-15/01-12-15 |
| | | | Grid Ref: | 2277115 3314878 |
| | | | Status of results: | Final |
| Parameter | Units | Limits | | |
| F ** | Taste | | | ATC |
| F ** | Odour | | | nd |
| F ** | Residual Chlorine | mg/l Cl | | 0.32 |
| | True Colour | Hazen | | <5 |
| | Conductivity @25°C | µS/cm @ 25 | < 2760 | 353 |
| | pH | pH | > 6.5 And < 9.5 | 8.6 |
| | Ammonia | mg/l NH4 | < 0.3 | <0.026 |
| | Turbidity | NTU | | 2.3 |
| ** | Coliform Bacteria | No/100 ml | 0 | 0 |
| ** | E. Coli | No/100 ml | 0 | 0 |
| ** | Clostridia Perfringens | No/100ml | 0 | 0 |
| | Conductivity @20°C | µS/cm @ 20 | < 2500 | 319 |
| | Aluminium | µg/l | < 200 | 86 |
| | Iron | µg/l | < 200 | <10.0 |
| | Manganese | µg/l | < 50 | 230 |
| | Lead | µg/l | < 10 | <1.0 |

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| <ul style="list-style-type: none"> 1) Results highlighted and in bold exceed specified limits. 2) Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are provided in a separate document. 3) All metals analysed in EPA Richview Laboratory. All Total Nitrogens analysed in EPA Kilkenny Laboratory. PAH's, Bromates, Phenols, Pesticides, Atrazine, Simazine and Surfactants are sub-contracted to either Alcontrol Laboratories or TMS Environment Ltd. 4) nm "Not measured" 5) nd "None detected" 6) nt "No time" - Time not recorded 7) nr "Not reported" | <ul style="list-style-type: none"> 8) tntc "Too numerous to count" 9) fqc Indicates that the testing did not meet the quality control criteria as required by INAB and therefore the result cannot be reported. 10) F "Field measured parameters" 11) *** indicates paramters/results produced from non-accredited analytical methods. 12) Test Reports relate only to the samples tested and as described on report form. 13) Test Reports shall not be reproduced, except in full, without the consent of the EPA. 14) The laboratory is accredited by the INAB only for the parameters listed in the scope of Accreditation. 15) Coliform Bacteria = Total Coliforms; E.Coli = Faecal Coliforms. 16) ATC = Acceptable To Consumers |
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Signed: Ray Smith

Date: 10/Dec/2015

Ray Smith
Regional Manager,
EPA
Monaghan