

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: 24/08/15

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

Date collected: 11/08/2015

Date received: 11/08/2015

Analysis group: CHECK

Comments:

Laboratory Ref: 1512884 Type of sample: Drinking Water Sampling point: 10 Laurelhill, Castleblaney Sampled by: Dermot McCague Time Sampled: nt Start/End - Dates of Analysis: 12-08-15/19-08-15 Grid Ref: 282257 319733 Status of results: Final			
Parameter	Units	Limits	
F ** Taste			ATC
F ** Odour			nd
F ** Residual Chlorine	mg/l Cl		0.44
True Colour	Hazen		<5
Conductivity @25°C	µS/cm @ 25	< 2760	285
pH	pH	> 6.5 And < 9.5	7.8
Ammonia	mg/l NH4	< 0.3	<0.026
Turbidity	NTU		<0.50
** 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	258
Aluminium	µg/l	< 200	24
Iron	µg/l	< 200	<10.0
Manganese	µg/l	< 50	5.9
Lead	µg/l	< 10	<1.0

- 1) Results highlighted and in bold exceed specified limits even taking uncertainty of measurement into account
- 2) Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are provided in a separate document. Uncertainty figures are automatically applied when calculating limit exceedances as per note 1
- 3) All metals analysed in EPA Richview Laboratory
Cyanides, PAH's, Bromates, Phenols, Pesticides, Atrazine, Simazine, Kjeldahl Nitrogen 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) tntc "Too numerous to count"
- 8) fqc Indicates that the testing did not meet the quality control criteria as required by INAB and therefore the result cannot be reported.
- 9) F "Field measured parameters"
- 10) *** indicates paramters/results produced from non-accredited analytical methods.
- 11) Test Reports relate only to the samples tested and as described on report form.
- 12) Test Reports shall not be reproduced, except in full, without the consent of the EPA.
- 13) The laboratory is accredited by the INAB only for the parameters listed in the scope of Accreditation.
- 14) Coliform Bacteria = Total Coliforms; E.Coli = Faecal Coliforms.
- 15) ATC = Acceptable To Consumers.
- 16) NR = Not Reported.

Signed: _____



Ray Smith
Regional Manager,
EPA
Monaghan

Date: _____

24/Aug/2015