

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: 18/09/14

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

Date collected: 26/08/2014

Date received: 26/08/2014

Analysis group: CHECK

Comments:

			Laboratory Ref:	1413028
			Type of sample:	Drinking Water
			Sampling point:	2 Culbrannan, Ballybay
			Sampled by:	Dermot McCague
			Time Sampled:	nt
			Start/End - Dates of Analysis:	27-08-14/15-09-14
			Grid Ref:	271829 319591
			Status of results:	Final
Parameter	Units	Limits		
F **	Taste			ATC
F **	Odour			nd
F **	Residual Chlorine	mg/l Cl		0.26
	True Colour	Hazen		10
	Conductivity @25°C	µS/cm @ 25	< 2760	328
	pH	pH	> 6.5 And < 9.5	9.0
	Ammonia	mg/l NH4	< 0.3	<0.026
	Turbidity	NTU		1.5
**	Boron	µg/l	< 1000	10
**	Sodium	mg/l	< 200	39
**	Aluminium	µg/l	< 200	160
**	Chromium	µg/l	< 50	<1.0
**	Iron	µg/l	< 200	16
**	Manganese	µg/l	< 50	140
**	Nickel	µg/l	< 20	5.3
**	Copper	mg/l	< 2	0.0
**	Arsenic	µg/l	< 10	<1.0
**	Selenium	µg/l	< 10	<1.0
**	Cadmium	µg/l	< 5	0.02
**	Lead	µg/l	< 25	<1.0
**	Antimony	µg/l	< 5	<1.0
**	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	297

- 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"
- 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

Signed: 

Date: 18/Sep/2014

Ray Smith
Regional Manager,
EPA
Monaghan