

### 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:** 16/05/14

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

Date collected: 08/04/2014

Date received: 08/04/2014

Analysis group: CHECK

Comments:

			<b>Laboratory Ref:</b>	1410845
			<b>Type of sample:</b>	Drinking Water
			<b>Sampling point:</b>	National School, Latton
			<b>Sampled by:</b>	Dermot McCague
			<b>Time Sampled:</b>	nt
			<b>Start/End - Dates of Analysis:</b>	09-04-14/07-05-14
			<b>Grid Ref:</b>	268921 314085
			<b>Status of results:</b>	<b>Final</b>
Parameter	Units	Limits		
F **	Taste			ATC
F **	Odour			nd
F **	Residual Chlorine	mg/l Cl		0.46
B12	True Colour	Hazen		7
W0 R	Conductivity @25°C	µS/cm @ 25	< 2760	243
W0 Q	pH	pH	> 6.5 And < 9.5	7.3
W0 Z	Ammonia	mg/l NH4	< 0.3	0.067
B14	Turbidity	NTU		<0.5
**	Aluminium	µg/l	< 200	68
**	Iron	µg/l	< 200	<10.0
**	Manganese	µg/l	< 50	22
**	Lead	µg/l	< 25	<1.0
**	Coliform Bacteria	No/100 ml	0	0
**	E. Coli	No/100 ml	0	0
**	Clostridia Perfringens	No/100ml	0	0
W0 R	Conductivity @20°C	µS/cm @ 20	< 2500	220

- 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: Ray Smith

Date: 16/May/2014

Ray Smith  
Regional Manager,  
EPA  
Monaghan