

## 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:** 28/10/14

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

Date collected: 13/10/2014

Date received: 13/10/2014

Analysis group: CHECK

Comments:

			<b>Laboratory Ref:</b>	1413707
			<b>Type of sample:</b>	Drinking Water
			<b>Sampling point:</b>	Cleary, Claraghy, Rockcorry
			<b>Sampled by:</b>	John Quinn
			<b>Time Sampled:</b>	nt
			<b>Start/End - Dates of Analysis:</b>	14-10-14/22-10-14
			<b>Grid Ref:</b>	263602 318838
			<b>Status of results:</b>	<b>Final</b>
Parameter	Units	Limits		
F ** Taste			ATC	
F ** Odour			nd	
F ** Residual Chlorine	mg/l Cl		<0.05	
True Colour	Hazen		9	
Conductivity @25°C	µS/cm @ 25	< 2760	294	
pH	pH	> 6.5 And < 9.5	7.5	
Ammonia	mg/l NH4	< 0.3	<0.026	
Turbidity	NTU		2.0	
** Boron	µg/l	< 1000	11	
** Sodium	mg/l	< 200	27	
** Aluminium	µg/l	< 200	90	
** Chromium	µg/l	< 50	<1.0	
** Iron	µg/l	< 200	<b>280</b>	
** Manganese	µg/l	< 50	<b>130</b>	
** Nickel	µg/l	< 20	4.5	
** Copper	mg/l	< 2	0.02	
** 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	266	

- 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  
Regional Manager,  
EPA  
Monaghan

Date: \_\_\_\_\_

28/Oct/2014