

### 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: 09/11/15**

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

Date collected: 28/09/2015

Date received: 28/09/2015

Analysis group: CHECK

Comments:

<b>Laboratory Ref:</b> 1513692 <b>Type of sample:</b> Drinking Water <b>Sampling point:</b> 4 Culbrannan, Ballybay  <b>Sampled by:</b> Dermot McCague <b>Time Sampled:</b> nt <b>Start/End - Dates of Analysis:</b> 29-09-15/16-10-15 <b>Grid Ref:</b> 271833 319585 <b>Status of results:</b> <b>Final</b>			
Parameter	Units	Limits	
F ** Taste			nm
F ** Odour			nd
F ** Residual Chlorine	mg/l Cl		0.13
True Colour	Hazen		<5
Conductivity @25°C	µS/cm @ 25	< 2760	311
pH	pH	> 6.5 And < 9.5	8.0
Ammonia	mg/l NH4	< 0.3	<0.026
Turbidity	NTU		0.51
** Coliform Bacteria	No/100 ml	0	0
** E. Coli	No/100 ml	0	0
** Clostridia Perfringens	No/100ml	0	nr
Conductivity @20°C	µS/cm @ 20	< 2500	281
Aluminium	µg/l	< 200	29
Iron	µg/l	< 200	14
Manganese	µg/l	< 50	34
Lead	µg/l	< 10	<1.0

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

Date: 09/Nov/2015

Ray Smith  
Regional Manager,  
EPA  
Monaghan