

## 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:** 17/09/14

**Location sampled:** Doohamlet G.W.S

Date collected: 26/08/2014

Date received: 26/08/2014

Analysis group: CHECK

Comments:

			<b>Laboratory Ref:</b>	1413024
			<b>Type of sample:</b>	Drinking Water
			<b>Sampling point:</b>	Gibbons, Cremartin
			<b>Sampled by:</b>	Dermot McCague
			<b>Time Sampled:</b>	nt
			<b>Start/End - Dates of Analysis:</b>	27-08-14/15-09-14
			<b>Grid Ref:</b>	276923 324182
			<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		8
	Conductivity @25°C	µS/cm @ 25	< 2760	341
	pH	pH	> 6.5 And < 9.5	7.4
	Ammonia	mg/l NH4	< 0.3	0.037
	Turbidity	NTU		<0.5
**	Boron	µg/l	< 1000	12
**	Sodium	mg/l	< 200	28
**	Aluminium	µg/l	< 200	<10.0
**	Chromium	µg/l	< 50	<1.0
**	Iron	µg/l	< 200	160
**	Manganese	µg/l	< 50	7
**	Nickel	µg/l	< 20	4.6
**	Copper	mg/l	< 2	0.02
**	Arsenic	µg/l	< 10	<1.0
**	Selenium	µg/l	< 10	<1.0
**	Cadmium	µg/l	< 5	<0.020
**	Lead	µg/l	< 25	1.4
**	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	308

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1) Results highlighted and in bold exceed specified limits.</li> <li>2) Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are provided in a separate document.</li> <li>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.</li> <li>4) nm "Not measured"</li> <li>5) nd "None detected"</li> <li>6) nt "No time" - Time not recorded</li> <li>7) nr "Not reported"</li> </ul> | <ul style="list-style-type: none"> <li>8) tntc "Too numerous to count"</li> <li>9) fqc Indicates that the testing did not meet the quality control criteria as required by INAB and therefore the result cannot be reported.</li> <li>10) F "Field measured parameters"</li> <li>11) *** indicates paramters/results produced from non-accredited analytical methods.</li> <li>12) Test Reports relate only to the samples tested and as described on report form.</li> <li>13) Test Reports shall not be reproduced, except in full, without the consent of the EPA.</li> <li>14) The laboratory is accredited by the INAB only for the parameters listed in the scope of Accreditation.</li> <li>15) Coliform Bacteria = Total Coliforms; E.Coli = Faecal Coliforms.</li> <li>16) ATC = Acceptable To Consumers</li> </ul> |
|---|--|

Signed: Ray Smith

Date: 17/Sep/2014

Ray Smith  
Regional Manager,  
EPA  
Monaghan