

## 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:** Monaghan P.W.S

**Date collected:** 13/10/2014

**Date received:** 13/10/2014

**Analysis group:** CHECK

**Comments:**

			<b>Laboratory Ref:</b>	1413708	1413709	1413710
			<b>Type of sample:</b>	Drinking Water	Drinking Water	Drinking Water
			<b>Sampling point:</b>	18 The Grange, Monaghan	15 Ballinode, Ballinode	2 Old Park Court, Monaghan
			<b>Sampled by:</b>	John Quinn	John Quinn	John Quinn
			<b>Time Sampled:</b>	nt	nt	nt
			<b>Start/End - Dates of Analysis:</b>	14-10-14/22-10-14	14-10-14/22-10-14	14-10-14/22-10-14
			<b>Grid Ref:</b>	266911 334116	262948 335936	266362 333515
			<b>Status of results:</b>	<b>Final</b>	<b>Final</b>	<b>Final</b>
<b>Parameter</b>	<b>Units</b>	<b>Limits</b>				
F ** Taste				ATC	ATC	ATC
F ** Odour				nd	nd	nd
F ** Residual Chlorine	mg/l Cl			1.1	0.9	1.2
True Colour	Hazen			5	7	5
Conductivity @25°C	µS/cm @ 25	< 2760		564	649	573
pH	pH	> 6.5 And < 9.5		7.7	7.9	7.7
Ammonia	mg/l NH4	< 0.3		<0.026	<0.026	<0.026
Turbidity	NTU			<0.5	<0.5	<0.5
** Boron	µg/l	< 1000		51	70	50
** Sodium	mg/l	< 200		25	16	24
** Aluminium	µg/l	< 200		<10.0	<10.0	<10.0
** Chromium	µg/l	< 50		<1.0	<1.0	<1.0
** Iron	µg/l	< 200		11	50	<10.0
** Manganese	µg/l	< 50		5	9.8	<5.0
** Nickel	µg/l	< 20		<1.0	<1.0	<1.0
** Copper	mg/l	< 2		0.02	0.06	0.02
** Arsenic	µg/l	< 10		<1.0	<1.0	<1.0
** Selenium	µg/l	< 10		<1.0	<1.0	<1.0
** Cadmium	µg/l	< 5		<0.020	<0.020	<0.020
** Lead	µg/l	< 25		<1.0	<1.0	<1.0
** Antimony	µg/l	< 5		<1.0	<1.0	<1.0
** Coliform Bacteria	No/100 ml	0		0	0	0
** E. Coli	No/100 ml	0		0	0	0
** Clostridia Perfringens	No/100ml	0		0	0	0
Conductivity @20°C	µS/cm @ 20	< 2500		510	587	518

- |  |   |
|--|---|
| 1) Results highlighted and in bold exceed specified limits.  | 8) tntc "Too numerous to count"   |
| 2) Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are provided in a separate document.   | 9) fqc Indicates that the testing did not meet the quality control criteria required by INAB and therefore the result cannot be reported. |
| 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. | 10) F "Field measured parameters"   |
| 4) nm "Not measured"   | 11) **** indicates parameters/results produced from non-accredited analytical methods.  |
| 5) nd "None detected"  | 12) Test Reports relate only to the samples tested and as described on the form.  |
| 6) nt "No time" - Time not recorded  | 13) Test Reports shall not be reproduced, except in full, without the consent of the EPA.   |
| 7) nr "Not reported"   | 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: 28/Oct/2014

Ray Smith  
Regional Manager,  
EPA  
Monaghan