

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: Magheraclaone G.W.S

Date collected: 13/10/2014

Date received: 13/10/2014

Analysis group: CHECK

Comments:

			Laboratory Ref:	1413701
			Type of sample:	Drinking Water
			Sampling point:	Freeman, Ballinagearn
			Sampled by:	Dermot McCague
			Time Sampled:	nt
			Start/End - Dates of Analysis:	14-10-14/22-10-14
			Grid Ref:	277585 301772
			Status of results:	Final
Parameter	Units	Limits		
F ** Taste				ATC
F ** Odour				nd
F ** Residual Chlorine	mg/l Cl			0.8
True Colour	Hazen			8
Conductivity @25°C	µS/cm @ 25	< 2760		202
pH	pH	> 6.5 And < 9.5		7.6
Ammonia	mg/l NH4	< 0.3		<0.026
Turbidity	NTU			<0.5
** Boron	µg/l	< 1000		<10.0
** Sodium	mg/l	< 200		10
** Aluminium	µg/l	< 200		<10.0
** Chromium	µg/l	< 50		<1.0
** Iron	µg/l	< 200		<10.0
** Manganese	µg/l	< 50		<5.0
** Nickel	µg/l	< 20		1.3
** 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		<1.0
** 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		183

- 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: 28/Oct/2014

Ray Smith
Regional Manager,
EPA
Monaghan