

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: Aughnashalvey G.W.S

Date collected: 13/10/2014

Date received: 13/10/2014

Analysis group: CHECK

Comments:

			Laboratory Ref:	1413711	1413712	
			Type of sample:	Drinking Water	Drinking Water	
			Sampling point:	McArdles, Killdonnelly	Kierans, Annahagh South	
			Sampled by:	John Quinn	John Quinn	
			Time Sampled:	nt	nt	
			Start/End - Dates of Analysis:	14-10-14/22-10-14	14-10-14/22-10-14	
			Grid Ref:	259105 332580	259105 332580	
			Status of results:	Final	Final	
Parameter	Units	Limits				
F** Taste				ATC	ATC	
F** Odour				nd	nd	
F** Residual Chlorine	mg/l Cl			0.6	0.6	
True Colour	Hazen			<5	6	
Conductivity @25°C	µS/cm @ 25	< 2760		543	542	
pH	pH	> 6.5 And < 9.5		7.4	7.4	
Ammonia	mg/l NH4	< 0.3		<0.026	<0.026	
Turbidity	NTU			<0.5	<0.5	
** Boron	µg/l	< 1000		13	13	
** Sodium	mg/l	< 200		44	44	
** Aluminium	µg/l	< 200		<10.0	<10.0	
** Chromium	µg/l	< 50		<1.0	<1.0	
** Iron	µg/l	< 200		11	13	
** Manganese	µg/l	< 50		<5.0	<5.0	
** Nickel	µg/l	< 20		2.4	2.4	
** Copper	mg/l	< 2		0.01	0.01	
** Arsenic	µg/l	< 10		<1.0	<1.0	
** Selenium	µg/l	< 10		<1.0	<1.0	
** Cadmium	µg/l	< 5		<0.020	<0.020	
** Lead	µg/l	< 25		<1.0	<1.0	
** Antimony	µg/l	< 5		<1.0	<1.0	
** Coliform Bacteria	No/100 ml	0		0	0	
** E. Coli	No/100 ml	0		0	0	
** Clostridia Perfringens	No/100ml	0		0	0	
Conductivity @20°C	µS/cm @ 20	< 2500		491	490	

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|--|---|
| 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.
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. | 10) F "Field measured parameters" |
| 4) nm "Not measured" | 11) **** indicates paramters/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