

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: 14/10/14

Location sampled: Corduff G.W.S

Date collected: 24/09/2014

Date received: 24/09/2014

Analysis group: CHECK

Comments:

			Laboratory Ref:	1413604	1413605	
			Type of sample:	Drinking Water	Drinking Water	
			Sampling point:	Reilly, Faraghy	Gartlan, Carraghamore	
			Sampled by:	Dermot McCague	Dermot McCague	
			Time Sampled:	nt	nt	
			Start/End - Dates of Analysis:	25-09-14/08-10-14	25-09-14/08-10-14	
			Grid Ref:	273753 309314	273985 308152	
			Status of results:	Final	Final	
Parameter	Units	Limits				
F **	Taste			ATC	ATC	
F **	Odour			nd	nd	
F **	Residual Chlorine	mg/l Cl		<0.05	0.07	
	True Colour	Hazen		10	11	
	Conductivity @25°C	µS/cm @ 25	< 2760	220	220	
	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	<10.0	<10.0	
**	Sodium	mg/l	< 200	18	18	
**	Aluminium	µg/l	< 200	<10.0	<10.0	
**	Chromium	µg/l	< 50	<1.0	<1.0	
**	Iron	µg/l	< 200	20	10	
**	Manganese	µg/l	< 50	<5.0	<5.0	
**	Nickel	µg/l	< 20	2.3	2.4	
**	Copper	mg/l	< 2	0.04	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	199	199	

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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: 14/Oct/2014

Ray Smith
Regional Manager,
EPA
Monaghan