

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: 06/09/13

Location sampled: Stranooden G.W.S

Date collected: 19/08/2013

Date received: 19/08/2013

Analysis group: CHECK

Comments:

			Laboratory Ref:	1303340	1303341	1303342
			Type of sample:	Drinking Water	Drinking Water	Drinking Water
			Sampling point:	McBride, Rakeane	Cassidy, Cornamundy	Reservoir Water
			Sampled by:	John Quinn	John Quinn	John Quinn
			Time Sampled:	nt	nt	nt
			Start/End - Dates of Analysis:	20-08-13/02-09-13	20-08-13/02-09-13	20-08-13/02-09-13
			Grid Ref:	265218 324210	266980 331232	
			Status of results:	Final	Final	Final
Parameter	Units	Limits				
F** Taste				ATC	ATC	ATC
F** Odour				nd	nd	nd
F** Residual Chlorine	mg/l Cl			0.06	0.08	0.1
B12 True Colour	Hazen			28	15	17
B4 Conductivity @25°C	µS/cm @ 25	< 2760		298	297	299
B7 pH	pH	> 6.5 And < 9.5		7.2	7.2	7.1
B17 Ammonia	mg/l NH4	< 0.3		0.03	<0.04	<0.04
B14 Turbidity	NTU			<0.5	<0.5	<0.5
** Aluminium	µg/l	< 200		87.9	89.2	100.5
** Iron	µg/l	< 200		33.7	33.1	<10
** Manganese	µg/l	< 50		12.7	12.9	9.8
** Lead	µg/l	< 25		<0.5	<0.5	<0.5
** 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
B4 Conductivity @20°C	µS/cm @ 20	< 2500		270	269	270

- 1) Results highlighted and in bold exceed specified limits even taking uncertainty of measurement into account
- 2) Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are provided in a separate document. Uncertainty figures are automatically applied when calculating limit exceedances as per note 1
- 3) All metals analysed in EPA Richview Laboratory
Cyanides, PAH's, Bromates, Phenols, Pesticides, Atrazine, Simazine, Kjeldahl Nitrogen 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) tntc "Too numerous to count"
- 8) fqc Indicates that the testing did not meet the quality control criteria required by INAB and therefore the result cannot be reported.
- 9) F "Field measured parameters"
- 10) *** indicates paramters/results produced from non-accredited analytical methods.
- 11) Test Reports relate only to the samples tested and as described on report form.
- 12) Test Reports shall not be reproduced, except in full, without the consent of the EPA.
- 13) The laboratory is accredited by the INAB only for the parameters listed in the scope of Accreditation.
- 14) Coliform Bacteria = Total Coliforms; E.Coli = Faecal Coliforms.
- 15) ATC = Acceptable To Consumers

Signed: 

Date: 06/Sep/2013

Ray Smith
Regional Manager,
EPA
Monaghan