

## 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:** 03/10/14

**Location sampled:** Donaghmoyne G.W.S

Date collected: 09/09/2014

Date received: 09/09/2014

Analysis group: CHECK

Comments:

|           |                        |            | <b>Laboratory Ref:</b>                | 1413435              |
|-----------|------------------------|------------|---------------------------------------|----------------------|
|           |                        |            | <b>Type of sample:</b>                | Drinking Water       |
|           |                        |            | <b>Sampling point:</b>                | Martin, Tullynacross |
|           |                        |            | <b>Sampled by:</b>                    | Dermot McCague       |
|           |                        |            | <b>Time Sampled:</b>                  | nt                   |
|           |                        |            | <b>Start/End - Dates of Analysis:</b> | 10-09-14/17-09-14    |
|           |                        |            | <b>Grid Ref:</b>                      | 285963 307812        |
|           |                        |            | <b>Status of results:</b>             | <b>Final</b>         |
| Parameter | Units                  | Limits     |                                       |                      |
| F<br>**   | Taste                  |            |                                       | ATC                  |
| F<br>**   | Odour                  |            |                                       | nd                   |
| F<br>**   | Residual Chlorine      | mg/l Cl    |                                       | 0.08                 |
|           | True Colour            | Hazen      |                                       | 7                    |
|           | Conductivity @25°C     | µS/cm @ 25 | < 2760                                | 200                  |
|           | pH                     | pH         | > 6.5 And < 9.5                       | 7.4                  |
|           | Ammonia                | mg/l NH4   | < 0.3                                 | <0.026               |
|           | Turbidity              | NTU        |                                       | <0.5                 |
| **        | Boron                  | µg/l       | < 1000                                | <10.0                |
| **        | Sodium                 | mg/l       | < 200                                 | 12                   |
| **        | Aluminium              | µg/l       | < 200                                 | 37                   |
| **        | Chromium               | µg/l       | < 50                                  | <1.0                 |
| **        | Iron                   | µg/l       | < 200                                 | <10.0                |
| **        | Manganese              | µg/l       | < 50                                  | 23                   |
| **        | Nickel                 | µg/l       | < 20                                  | <1.0                 |
| **        | Copper                 | mg/l       | < 2                                   | 0.05                 |
| **        | 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                                | 181                  |

- 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: 03/Oct/2014

Ray Smith  
Regional Manager,  
EPA  
Monaghan