

## 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:** 17/09/14

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

Date collected: 26/08/2014

Date received: 26/08/2014

Analysis group: CHECK

Comments:

|           |                        |            | <b>Laboratory Ref:</b>                | 1413026           |
|-----------|------------------------|------------|---------------------------------------|-------------------|
|           |                        |            | <b>Type of sample:</b>                | Drinking Water    |
|           |                        |            | <b>Sampling point:</b>                | Keenan, Faraghy   |
|           |                        |            | <b>Sampled by:</b>                    | Dermot McCague    |
|           |                        |            | <b>Time Sampled:</b>                  | nt                |
|           |                        |            | <b>Start/End - Dates of Analysis:</b> | 27-08-14/15-09-14 |
|           |                        |            | <b>Grid Ref:</b>                      | 274208 309074     |
|           |                        |            | <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    |                                       | 0.11              |
|           | True Colour            | Hazen      |                                       | 10                |
|           | Conductivity @25°C     | µS/cm @ 25 | < 2760                                | 446               |
|           | pH                     | pH         | > 6.5 And < 9.5                       | 7.3               |
|           | Ammonia                | mg/l NH4   | < 0.3                                 | 0.057             |
|           | Turbidity              | NTU        |                                       | 2.1               |
| **        | Boron                  | µg/l       | < 1000                                | 12                |
| **        | Sodium                 | mg/l       | < 200                                 | 9.4               |
| **        | Aluminium              | µg/l       | < 200                                 | <10.0             |
| **        | Chromium               | µg/l       | < 50                                  | <1.0              |
| **        | Iron                   | µg/l       | < 200                                 | <b>450</b>        |
| **        | Manganese              | µg/l       | < 50                                  | <b>1800</b>       |
| **        | Nickel                 | µg/l       | < 20                                  | 1.1               |
| **        | Copper                 | mg/l       | < 2                                   | 0.07              |
| **        | Arsenic                | µg/l       | < 10                                  | <1.0              |
| **        | Selenium               | µg/l       | < 10                                  | <1.0              |
| **        | Cadmium                | µg/l       | < 5                                   | 0.02              |
| **        | Lead                   | µg/l       | < 25                                  | <1.0              |
| **        | Antimony               | µg/l       | < 5                                   | <1.0              |
| **        | Coliform Bacteria      | No/100 ml  | 0                                     | >201              |
| **        | E. Coli                | No/100 ml  | 0                                     | <b>6</b>          |
| **        | Clostridia Perfringens | No/100ml   | 0                                     | <b>1</b>          |
|           | Conductivity @20°C     | µS/cm @ 20 | < 2500                                | 403               |

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1) Results highlighted and in bold exceed specified limits.</li> <li>2) Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are provided in a separate document.</li> <li>3) All metals analysed in EPA Richview Laboratory.<br/>All Total Nitrogens analysed in EPA Kilkenny Laboratory.<br/>PAH's, Bromates, Phenols, Pesticides, Atrazine, Simazine and Surfactants are sub-contracted to either Alcontrol Laboratories or TMS Environment Ltd.</li> <li>4) nm "Not measured"</li> <li>5) nd "None detected"</li> <li>6) nt "No time" - Time not recorded</li> <li>7) nr "Not reported"</li> </ul> | <ul style="list-style-type: none"> <li>8) tntc "Too numerous to count"</li> <li>9) fqc Indicates that the testing did not meet the quality control criteria as required by INAB and therefore the result cannot be reported.</li> <li>10) F "Field measured parameters"</li> <li>11) *** indicates paramters/results produced from non-accredited analytical methods.</li> <li>12) Test Reports relate only to the samples tested and as described on report form.</li> <li>13) Test Reports shall not be reproduced, except in full, without the consent of the EPA.</li> <li>14) The laboratory is accredited by the INAB only for the parameters listed in the scope of Accreditation.</li> <li>15) Coliform Bacteria = Total Coliforms; E.Coli = Faecal Coliforms.</li> <li>16) ATC = Acceptable To Consumers</li> </ul> |
|---|--|

Signed: Ray Smith

Date: 17/Sep/2014

Ray Smith  
Regional Manager,  
EPA  
Monaghan