

A copy of this certificate is available on [www.fitzsci.ie](http://www.fitzsci.ie).

Customer supplied information appear in italics.

|                     |  |                               |                               |
|---------------------|--|-------------------------------|-------------------------------|
| <b>Customer</b>     | <b>John Quinn</b><br><b>Monaghan Co. Co. GWS</b><br><b>Glen Road</b> | <b>Lab Report Ref. No.</b>    | <b>2224/160/03</b>            |
|                     |  | <b>Date of Receipt</b>        | <b>12/12/2023</b>             |
|                     |  | <b>Sampled On</b>             | <b>12/12/2023</b>             |
|                     |  | <b>Date Testing Commenced</b> | <b>12/12/2023</b>             |
|                     |  | <b>Received or Collected</b>  | <b>By Fitz: Pick up Rafal</b> |
|                     | <b>Monaghan, H18 YT50</b>  | <b>Condition on Receipt</b>   | <b>Acceptable</b>             |
| <b>Customer PO</b>  |  | <b>Date of Report</b>         | <b>02/01/2024</b>             |
| <b>Customer Ref</b> | <b>Mcbride, Rakeane</b>  | <b>Sample Type</b>            | <b>Drinking Water</b>         |
| <b>Ref 2</b>        | <b>265208/3324201</b>  |                               |                               |
| <b>Ref 3</b>        | <b>Check/StranoodenGWS/2400PRI2021</b>                               |                               |                               |

## CERTIFICATE OF ANALYSIS

| Test Parameter                      | SOP | Analytical Technique      | Limit     | Result   | Units       | Acc. |
|-------------------------------------|-----|---------------------------|-----------|----------|-------------|------|
| Aluminium (Potable Water)           | 177 | ICPMS                     | 200       | 63       | ug/L        | INAB |
| *Chlorine (Free)*                   | 0   | By Subcontractor          | 0.1       | 0.60     | mg/L        |      |
| *Chlorine (Total)*                  | 0   | By Subcontractor          | 0.1       | 0.80     | mg/L        |      |
| Coliforms Total (Potable)C          | 157 | Filtration / Incubation   | 0         | 0        | cfu/100ml   | INAB |
| Colour Apparent (Potable Water)     | 108 | Colorimetry               | -         | <11      | PtCo Units  | INAB |
| Conductivity (Potable Water at 20C) | 112 | Electrometry              | 2500      | 248.0    | µscm -1@20C | INAB |
| E. coli (Potable)C                  | 157 | Filtration / Incubation   | 0         | 0        | cfu/100ml   | INAB |
| Enterococci (Potable)C              | 153 | Filtration / Incubation   | 0         | 0        | cfu/100ml   | INAB |
| Iron (Potable Water)                | 177 | ICPMS                     | 200       | <14      | ug/L        | INAB |
| Odour                               | 239 | Olfactory Panel           | -         | No Odour | TON         |      |
| pH (Potable Water)                  | 110 | Electrometry              | 6.5 - 9.5 | 7.11     | pH Units    | INAB |
| Taste                               | 238 | Taste Panel               | -         | 1        | FTN         |      |
| TBC @ 22°C (Potable)                | 493 | Spread plate / Incubation | 100       | 0        | cfu/mL      | INAB |
| *Temperature (On site)*             | 0   | By Subcontractor          | -         | 9.7      | degree C    |      |
| Turbidity (Potable Water)           | 109 | Turbidimetry              | -         | 0.2      | NTU         | INAB |



Signed:

*A Harmon*

Date: 02/01/2024

**Aoife Harmon - Laboratory Supervisor**

Acc.: Accredited Parameters by ISO/IEC 17025:2017

Limit as per Monaghan Co Co

For bacterial analysis a result of 0 means none detected in volume examined

All organic results are analysed as received and all results are corrected for dry weight at 104 C

Results shall not be reproduced, except in full, without the approval of Fitz Scientific

Results contained in this report relate only to the samples tested (P) : Presumptive Results

\*\* : The test result for this parameter may be invalid as it has exceeded the recommended holding time (BS EN ISO 5667-3:2018)

\* Subcontracted \*

Final results will be issued without any estimated uncertainty of measurement being applied. This can be supplied on request.

Fitz Scientific maintain all customer information in the strictest confidence which is legally enforceable.

