

**Customer**

Eugene Hickey  
Monaghan County Council  
Water Services  
Monaghan

**Certificate Of Analysis**

**Job Number:** 16-17203  
**Issue Number:** 1  
**Report Date:** 13 May 2016

**Site:** Not Applicable  
**PO Number:** Not Supplied  
**Date Samples Received:** 27/04/2016

Please find attached the results for the samples received at our laboratory on 27/04/2016.

Should you have any queries regarding the report or require any further services, we would be happy to discuss your requirements. For additional information about the company please log-on to our website at the above address.

Thank you for choosing City Analysts Limited. We look forward to assisting you again.



**Authorised By:**

**Authorised Date:** 13 May 2016

Hugh O'Donnell  
Lab Analyst

**Notes:**

Results relate only to the items tested.  
Information on methods of analysis and performance characteristics is available on request.  
Any opinions or interpretations indicated are outside the scope of our INAB accreditation.  
This test report shall not be reproduced except in full or with written approval of City Analysts Limited.

## Certificate Of Analysis

### Customer

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**Report Reference:** 16-17203

**Report Version:** 1

**Site:** Not Applicable

**Sample Description:** 265218-323414 Stranooden GWS @ McBride R

**Date of Sampling:** 27/04/2016

**Sample Type:** Treated

**Date Sample Received:** 27/04/2016

**Lab Reference Number:** 317501

| Site / Method Ref. | Analysis Start Date | Parameter               | Result | Units        | PV Value (Drinking Water Only) |
|--------------------|---------------------|-------------------------|--------|--------------|--------------------------------|
| D/D3001#           | 28/04/2016          | Aluminium, Total        | 51.86  | ug/l         | <= 200.00                      |
| D/D3000#           | 04/05/2016          | Ammonia as NH4          | 0.293  | mg/l         | <= 0.300                       |
| D/D3006            | 27/04/2016          | Chlorine, Free          | 0.400  | mg/l         | -                              |
| D/D3010#           | 30/04/2016          | Colour True             | < 5.00 | Hazen        | NAC & ATC                      |
| D/D3011#           | 27/04/2016          | Conductivity @ 20 °C    | 249.5  | uS/cm @20 °C | <= 2500.0                      |
| D/D3001#           | 28/04/2016          | Iron                    | < 7.20 | ug/l         | <= 200.00                      |
| D/D3001#           | 28/04/2016          | Lead                    | 5.09   | ug/l         | <= 10.00                       |
| D/D3001#           | 28/04/2016          | Manganese               | 2.64   | ug/l         | <= 50.00                       |
| D/                 | 29/04/2016          | Odour                   | 0      | N/A          | -                              |
| D/                 | 29/04/2016          | Taste (Nature)          | 0      | N/A          | -                              |
| D/D1041#           | 27/04/2016          | PH                      | 7.62   | pH Unit      | 6.50 - 9.50                    |
| D/D3054#           | 30/04/2016          | Turbidity               | 0.34   | NTU          | NAC & ATC                      |
| D/D1214#           | 27/04/2016          | Clostridium perfringens | < 1    | cfu/100ml    | <= 0                           |
| D/D1201#           | 27/04/2016          | Coliforms               | < 1.0  | MPN/100ml    | <= 0.0                         |
| D/D1201#           | 27/04/2016          | E.coli                  | < 1.0  | MPN/100ml    | <= 0.0                         |

# = INAB Accredited, U = UKAS Accredited, \* = Subcontracted

**Note:**

PV Value is the parametric value, taken from European Communities, (Drinking Water) Regulations, 2014. S.I. No. 122 of 2014 and relates only to drinking water samples.

For queries on results, please contact us within two weeks of the report date to ensure that we can accommodate your query as samples cannot be stored indefinitely.

NAC & ATC - No abnormal change and acceptable to customers.

TVC - Total viable count

Site D = Analysed at City Analysts Dublin. Site S = Analysed at City Analysts Shannon