

## Certificate of Analysis

|                          |  |                                |                         |
|--------------------------|--|--------------------------------|-------------------------|
| <b>Customer:</b>         | Monaghan County Council                | <b>Site/Project:</b>           | Audit                   |
| <b>Local Authority:</b>  | The Glen, Glen Rd, Tirkeenan, Monaghan | <b>Date Received:</b>          | 07/04/2026              |
| <b>Customer Contact:</b> | Suzanne Clinton                        | <b>Condition of Sample(s):</b> | Satisfactory            |
| <b>Customer PO</b>       |  | <b>Date Analysed:</b>          | 07/04/2026 - 22/04/2026 |
| <b>Quote No.</b>         | Q24-00640                              | <b>Issue Date:</b>             | 22/04/2026              |
|                          |  | <b>BATCH NUMBER:</b>           | <b>26-04933</b>         |

*Aoife Moriarty*

Aoife Moriarty  
Chemistry Laboratory Manager

### Index to symbols used:

|     |   |
|-----|---|
| *   | Analysis is not INAB accredited   |
| **  | Adapted from Standard Methods for the Examination of Water and Wastewater.                                    |
| *** | S.I. No. 122 of 2014 and S.I No. 99 of 2023 - European Union (Drinking Water) Regulations 2014, 2017 and 2023 |
| (F) | Analysis carried out at our Farranfore Laboratory.  |
| (D) | Analysis carried out at our Dunrinc Laboratory.   |
| LOD | Parameter Limit of Quantification   |

### Notes

|        |   |
|--------|---|
| Note A | The water should not be aggressive.   |
| Note C | Acceptable to customers and no abnormal change.   |
| Note D | In the case of surface water treatment, a parametric value not exceeding 1 NTU in the water ex treatment works must be strived for. |
| Note E | Irish water parametric limit for TVC is <100 cfu/mL.  |
| Note F | Fluoridated supplies 0.8 mg/L; Natural supplies 1.5 mg/L.   |
| Note 6 | Subcontracted Parameter.  |

- ◆ The results relate only to the items tested.
- ◆ Opinions and interpretations expressed herein are outside the scope of INAB accreditation.
- ◆ The analysis report shall not be reproduced except in full without written approval of the laboratory.
- ◆ Sampling is outside the scope of the laboratory activities.

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dunrinc | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

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directors: K. Murphy, M. Murphy & C. Murphy  
registered in ireland no 323196 | vat reg no IE 6343196 M





|                             |                        |                              |                |
|-----------------------------|------------------------|------------------------------|----------------|
| <b>Customer Sample Ref:</b> | Glen Newbliss H18 FT62 | <b>Customer Sample Code:</b> |                |
| <b>Entity Name:</b>         | Drumgole GWS           | <b>Sample Condition:</b>     | Satisfactory   |
| <b>Site / Project:</b>      | Regulatory (Aud)       | <b>Entity Code:</b>          |                |
| <b>Our Reference:</b>       | 230440 (26-04933) -    | <b>Sampled By:</b>           | Declan SSS Ltd |
| <b>Date Sampled:</b>        | 07/04/2026             | <b>Sample Matrix:</b>        | Drinking Water |
|                             |                        | <b>Time Sampled:</b>         | 11:40          |

| Method:                              | Parameter:                 | Units      | LOQ   | Result  | ***Limits            |
|--------------------------------------|----------------------------|------------|-------|---------|----------------------|
| <u>Onsite Measurements:</u>          |                            |            |       |         |                      |
| SEP 007                              | * Temperature              | °C         |       | 9.20    |                      |
| SEP 007                              | * Free Chlorine            | mg/L       | 0.02  | 0.39    |                      |
| SEP 007                              | * Total Chlorine           | mg/L       | 0.02  | 0.68    |                      |
| <u>Chemical Analysis: (F)</u>        |                            |            |       |         |                      |
| SCP 131D                             | Sum of Haloacetic Acids    | µg/L       | 5     | < 5     |                      |
| <u>Microbiological Analysis: (D)</u> |                            |            |       |         |                      |
| SMP 068                              | Enterococci                | MPN/100mL  | <1    | < 1     | < 1 MPN/100mL        |
| SMP 069                              | Clostridium perfringens    | cfu/100mL  | <1    | < 1     | <= < 1 cfu/100mL     |
| <u>Chemical Analysis: (F)</u>        |                            |            |       |         |                      |
| SCP 052                              | Hydrogen Ion (pH)          | pH units   | 4.0   | 7.6     | 6.5 - 9.5pH (Note A) |
| SCP 027A                             | Ammonium                   | mg/L NH4   | 0.03  | < 0.03  | 0.50 mg/L NH4        |
| SCP 038/073                          | Boron                      | mg/L       | 0.02  | < 0.02  | 1.50 mg/L            |
| SCP 027G                             | Nitrate (calculated)       | mg/L NO3   | 1.11  | 5.30    | 50.00 mg/L NO3       |
| SCP 027F                             | Nitrite                    | mg/L NO2   | 0.016 | < 0.016 | 0.500 mg/L NO2       |
| SCP 027B                             | Chloride                   | mg/L       | 0.5   | 25.7    | 250.0 mg/L           |
| SCP 160                              | Total Cyanide              | µg/L       | 5     | < 5     | 50 µg/L              |
| SCP 027D                             | Sulphate                   | mg/L       | 0.5   | 28.5    | 250.0 mg/L           |
| SCP 027I                             | Total Hardness             | mg/L CaCO3 | 5     | 98      |                      |
| SCP 053A/053D                        | Sodium                     | mg/L       | 1     | 20      | 200 mg/L             |
| SCP 068A                             | Bromate                    | µg/L       | 2     | < 2     | 10 µg/L              |
| SCP 068A                             | Chlorite                   | mg/L       | 0.03  | < 0.03  |                      |
| SCP 068A                             | Fluoride                   | mg/L       | 0.1   | < 0.1   | 0.6 - 0.8 mg/L       |
| SCP 065B                             | Total Organic Carbon (TOC) | mg/L       | 0.5   | 5.1     |                      |
| SCP 038/073                          | Antimony                   | µg/L       | 1     | < 1     | 10 µg/L              |
| SCP 038/073                          | Arsenic                    | µg/L       | 1     | < 1     | 10 µg/L              |
| SCP 038/073                          | Cadmium                    | µg/L       | 0.45  | < 0.45  | 5.00 µg/L            |
| SCP 038/073                          | Chromium                   | µg/L       | 1     | < 1     | 50 µg/L              |
| SCP 038/073                          | Copper                     | mg/L       | 0.001 | 0.003   | 2.000 mg/L           |
| SCP 038/073                          | Lead                       | µg/L       | 1     | < 1     | 10 µg/L              |
| SCP 038/073                          | Manganese                  | µg/L       | 1     | 1       | 50 µg/L              |
| SCP 038/073                          | Mercury                    | µg/L       | 0.5   | < 0.5   | 1.0 µg/L             |
| SCP 038/073                          | Nickel                     | µg/L       | 1     | < 1     | 20 µg/L              |
| SCP 038/073                          | Selenium                   | µg/L       | 5.00  | < 5.00  | 20.00 µg/L           |
| SCP 038/073                          | Uranium                    | µg/L       | 1     | < 1     |                      |
| SCP 114A                             | Benzene                    | µg/L       | 0.1   | < 0.1   | 1.0 µg/L             |
| SCP 060B                             | Benzo(a)pyrene             | µg/L       | 0.005 | < 0.005 | 0.010 µg/L           |
| SCP 060B                             | Benzo(b)fluoranthene       | µg/L       | 0.005 | < 0.005 |                      |
| SCP 060B                             | Benzo(ghi)perylene         | µg/L       | 0.005 | < 0.005 |                      |

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|-----------------------------|------------------------|------------------------------|----------------|
| <b>Customer Sample Ref:</b> | Glen Newbliss H18 FT62 | <b>Customer Sample Code:</b> |                |
| <b>Entity Name:</b>         | Drumgole GWS           | <b>Sample Condition:</b>     | Satisfactory   |
| <b>Site / Project:</b>      | Regulatory (Aud        | <b>Entity Code:</b>          |                |
| <b>Our Reference:</b>       | 230440 (26-04933) -    | <b>Sampled By:</b>           | Declan SSS Ltd |
| <b>Date Sampled:</b>        | 07/04/2026             | <b>Sample Matrix:</b>        | Drinking Water |
|                             |                        | <b>Time Sampled:</b>         | 11:40          |

| Method:  | Parameter:                                 | Units | LOQ   | Result  | ***Limits  |
|----------|--|-------|-------|---------|------------|
| SCP 060B | Benzo(k)fluoranthene                       | µg/L  | 0.005 | < 0.005 |            |
| SCP 060B | Indeno(1,2,3-cd)pyrene                     | µg/L  | 0.005 | < 0.005 |            |
| SCP 131C | Metazachlor                                | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 060B | Total PAH (calculated)                     | µg/L  | 0.012 | < 0.012 | 0.100 µg/L |
| SCP 060B | Cypermethrin                               | µg/L  | 0.012 | < 0.012 | 0.100 µg/L |
| SCP 060B | Dichlobenil                                | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 060B | Dieldrin                                   | µg/L  | 0.005 | < 0.005 | 0.030 µg/L |
| SCP 060B | Pendimethalin                              | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131H | Perfluorobutanoic acid (PFBA)              | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorobutane sulfonic acid (PFBS)       | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorodecanoic acid (PFDA)              | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorododecanoic acid (PFDoDA)          | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorodecane sulfonic acid (PFDS)       | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluoroheptanoic acid (PFHpA)            | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluoroheptane sulfonic acid (PFHpS)     | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorohexanoic acid (PFHxA)             | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorohexane sulfonic acid (PFHxS)      | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorononanoic acid (PFNA)              | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorononane sulfonic acid (PFNS)       | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorooctanoic acid (PFOA)              | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorooctane sulfonic acid (PFOS)       | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluoropentanoic acid (PFPeA)            | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluoropentane sulfonic acid (PFPeS)     | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorotridecanoic acid (PFTTrDA)        | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluorotridecane sulfonic acid (PFTTrDS) | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluoroundecane sulfonic acid (PFUdS)    | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Perfluoroundecanoic acid (PFUnDA)          | µg/L  | 0.001 | < 0.001 |            |
| SCP 131H | Sum of PFAS                                | µg/L  | 0.020 | < 0.020 |            |
| SCP 131A | 2,3,6-Trichlorobenzoic Acid                | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | 2,4-D                                      | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | 2,4-DB                                     | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | Bentazone                                  | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131I | Bisphenol A                                | µg/L  | 0.01  | < 0.01  |            |
| SCP 131A | Boscalid                                   | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | Clopyralid                                 | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | Dicamba                                    | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | Dichlorprop (24DP)                         | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | MCPA                                       | µg/L  | 0.005 | < 0.005 | 0.105 µg/L |
| SCP 131A | MCPP (Mecoprop)                            | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | Pentachlorophenol                          | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | Picloram                                   | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |

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| Method:  | Parameter:                               | Units | LOQ   | Result  | ***Limits  |
|----------|--|-------|-------|---------|------------|
| SCP 131A | Triclopyr                                | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131B | Glyphosate                               | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 068A | Chlorate                                 | mg/L  | 0.03  | < 0.03  |            |
| SCP 114A | 1,2-Dichloroethane                       | µg/L  | 0.2   | < 0.2   | 3.0 µg/L   |
| SCP 131D | Acrylamide                               | µg/L  | 0.005 | < 0.005 |            |
| SCP 131C | Atrazine                                 | µg/L  | 0.005 | < 0.005 | 0.105 µg/L |
| SCP 114A | Bromodichloromethane                     | µg/L  | 1     | 15      |            |
| SCP 114A | Bromoform                                | µg/L  | 1     | < 1     |            |
| SCP 131C | Chlorfenvinphos                          | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 114A | Chloroform                               | µg/L  | 2     | 73      |            |
| SCP 131C | Chlorotoluron                            | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131C | Chlorpropham                             | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131C | Diazinon                                 | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131D | Dibromoacetic acid                       | µg/L  | 5     | < 5     |            |
| SCP 114A | Dibromochloromethane                     | µg/L  | 1     | 4       |            |
| SCP 131D | Dichloroacetic acid                      | µg/L  | 5     | < 5     |            |
| SCP 131C | Diflufenican                             | µg/L  | 0.005 | < 0.005 | 0.105 µg/L |
| SCP 131C | Diuron                                   | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131G | Epichlorohydrin                          | µg/L  | 0.02  | < 0.02  |            |
| SCP 131C | Epoxiconazole                            | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131A | Fluoroxypyr                              | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131C | Isoproturon                              | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131C | Linuron                                  | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131C | Metalddehyde                             | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131D | Monobromoacetic Acid                     | µg/L  | 5     | < 5     |            |
| SCP 131D | Monochloroacetic Acid                    | µg/L  | 5     | < 5     |            |
| SCP 131C | Propyzamide                              | µg/L  | 0.005 | < 0.005 | 0.100 µg/L |
| SCP 131C | Simazine                                 | µg/L  | 0.005 | < 0.005 | 0.105 µg/L |
| SCP 114A | Sum Tri & Tetrachloroethene (calculated) | µg/L  | 0.2   | < 0.2   | 10.0 µg/L  |
| SCP 114A | Tetrachloroethene                        | µg/L  | 0.1   | < 0.1   |            |
| SCP 131F | Total Pesticides (calculated)            | µg/L  | 0.012 | < 0.012 | 0.500 µg/L |
| SCP 114A | Total THM (calculated)                   | µg/L  | 5     | 92      | 100 µg/L   |
| SCP 131D | Trichloroacetic Acid                     | µg/L  | 5     | < 5     |            |
| SCP 114A | Trichloroethene                          | µg/L  | 0.1   | < 0.1   |            |
| SCP 114A | Vinyl Chloride                           | µg/L  | 0.1   | < 0.1   | 0.5 µg/L   |

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