

Certificate of Analysis

| | | | |
|--------------------------|--|--------------------------------|-------------------------|
| Customer: | Monaghan County Council | Site/Project: | Drinking Water |
| Local Authority: | The Glen, Glen Rd, Tirkeenan, Monaghan | Date Received: | 12/05/2026 |
| Customer Contact: | Suzanne Clinton | Condition of Sample(s): | Satisfactory |
| Customer PO | | Date Analysed: | 12/05/2026 - 26/05/2026 |
| Quote No. | Q26-01675 | Issue Date: | 02/06/2026 |
| | | BATCH NUMBER: | 26-07106 |



Gabija Pilypaityte
Laboratory Technician/Teamlead

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 Dunrine 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.

(registered office)

4 park business centre | **farranfore** | county kerry | ireland | telephone +353 66 976 3588 | fax +353 66 976 3589
dunrine | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

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



| | | | |
|-----------------------------|--|------------------------------|----------------|
| Customer Sample Ref: | Tydavnet N.S, H18FK12 - Staffroom sink | Customer Sample Code: | |
| Entity Name: | Tydavnet GWS Regulatory (Audit) | Sample Condition: | Satisfactory |
| Site / Project: | 236936 (26-07106) - 12/05/2026 | Entity Code: | |
| Our Reference: | | Sampled By: | Declan SSS |
| Date Sampled: | | Sample Matrix: | Drinking Water |
| | | Time Sampled: | 09:40 |

| Method: | Parameter: | Units | LOQ | Result | ***Limits |
|--------------------------------------|----------------------------|------------|-------|---------|----------------------|
| <u>Onsite Measurements:</u> | | | | | |
| SEP 007 | * Temperature | °C | | 13.30 | |
| SEP 007 | * Free Chlorine | mg/L | 0.02 | 0.24 | |
| SEP 007 | * Total Chlorine | mg/L | 0.02 | 0.42 | |
| <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 | 7.5 | 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 | 0.17 | 1.50 mg/L |
| SCP 027G | Nitrate (calculated) | mg/L NO3 | 1.11 | < 1.11 | 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 | 26.8 | 250.0 mg/L |
| SCP 160 | Total Cyanide | µg/L | 5 | < 5 | 50 µg/L |
| SCP 027D | Sulphate | mg/L | 0.5 | 37.8 | 250.0 mg/L |
| SCP 027I | Total Hardness | mg/L CaCO3 | 5 | 87 | |
| SCP 053A/053D | Sodium | mg/L | 1 | 58 | 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 | 0.8 | 0.6 - 0.8 mg/L |
| SCP 065B | Total Organic Carbon (TOC) | mg/L | 0.5 | 2.6 | |
| 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 | 0.225 | 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 | |

(registered office)

4 park business centre | **farranfore** | county kerry | ireland | telephone +353 66 976 3588 | fax +353 66 976 3589
dunrinc | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

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



| | |
|--|---------------------------------------|
| Customer Sample Ref: Tydavnet N.S, H18FK12 - Staffroom sink | Customer Sample Code: |
| Entity Name: Tydavnet GWS | Sample Condition: Satisfactory |
| Site / Project: Regulatory (Audit) | Entity Code: |
| Our Reference: 236936 (26-07106) - | Sampled By: Declan SSS |
| Date Sampled: 12/05/2026 | Sample Matrix: Drinking Water |
| | Time Sampled: 09:40 |

| 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 | Perfluorododecane sulfonic acid (PFDoS) | 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 (PFTrDA) | µg/L | 0.001 | < 0.001 | |
| SCP 131H | Perfluorotridecane sulfonic acid (PFTrDS) | 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 |

(registered office)

4 park business centre | **farranfore** | county kerry | ireland | telephone +353 66 976 3588 | fax +353 66 976 3589
 dunrine | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

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



| | | | |
|-----------------------------|--|------------------------------|----------------|
| Customer Sample Ref: | Tydavnet N.S, H18FK12 - Staffroom sink | Customer Sample Code: | |
| Entity Name: | Tydavnet GWS | Sample Condition: | Satisfactory |
| Site / Project: | Regulatory (Audit) | Entity Code: | |
| Our Reference: | 236936 (26-07106) - | Sampled By: | Declan SSS |
| Date Sampled: | 12/05/2026 | Sample Matrix: | Drinking Water |
| | | Time Sampled: | 09:40 |

| Method: | Parameter: | Units | LOQ | Result | ***Limits |
|----------|--|-------|-------|---------|------------|
| SCP 131A | Picloram | µg/L | 0.005 | < 0.005 | 0.100 µg/L |
| 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 | 5 | |
| 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 | 13 | |
| 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 | Metaldehyde | 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 | 22 | 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 |

(registered office)

4 park business centre | **farranfore** | county kerry | ireland | telephone +353 66 976 3588 | fax +353 66 976 3589
 dunrine | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

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

