



Certificate of Analysis

| | | | |
|--------------------------|--|--------------------------------|-------------------------|
| Customer: | Monaghan County Council | Site/Project: | Check |
| Local Authority: | The Glen, Glen Rd, Tirkeenan, Monaghan | Date Received: | 20/12/2024 |
| Customer Contact: | Suzanne Clinton | Condition of Sample(s): | Satisfactory |
| Customer PO | | Date Analysed: | 20/12/2024 - 02/01/2025 |
| Quote No. | | Issue Date: | 13/01/2025 |
| | | BATCH NUMBER: | 24-52143 |

Jake Grunfield
Laboratory Analyst

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: | Tullybryan House, Co Monaghan, H18 RY64 - kitchen sink | Customer Sample Code: | |
| Entity Name: | Aughnashalvey GWS | Sample Condition: | Satisfactory |
| Site / Project: | Check | Entity Code: | |
| Our Reference: | 157246 (24-52143) - | Sampled By: | Declan Callan, SSS Ltd |
| Date Sampled: | 20/12/2024 | Sample Matrix: | Drinking Water |
| | | Time Sampled: | 10:30 |

| Method: | Parameter: | Units | LOQ | Result | ***Limits |
|--------------------------------------|-----------------------|---------------|------|--------|----------------------|
| <u>Onsite Measurements:</u> | | | | | |
| SEP 007 | * Temperature | °C | | 8.10 | |
| SEP 007 | * Free Chlorine | mg/L | 0.02 | 0.44 | |
| SEP 007 | * Total Chlorine | mg/L | 0.02 | 0.63 | |
| <u>Microbiological Analysis: (D)</u> | | | | | |
| SMP 019 | Coliforms | MPN/100mL | <1 | < 1 | 0 MPN/100mL |
| SMP 061 | TVC @ 22°C for 72 Hrs | cfu/mL | <1 | < 1 | <= 100 cfu/mL |
| SMP 019 | E. coli | MPN/100mL | <1 | < 1 | 0 MPN/100mL |
| SMP 068 | Enterococci | MPN/100mL | <1 | < 1 | 0 MPN/100mL |
| <u>Chemical Analysis: (F)</u> | | | | | |
| SCP 052 | Hydrogen Ion (pH) | pH units | 4.0 | 7.5 | 6.5 - 9.5pH (Note A) |
| SCP 052 | Conductivity | µS/cm @ 20 °C | 14.7 | 323.0 | 2500.0 µS/cm @ 20 |
| SCP 058/058B | Turbidity | NTU | 0.20 | < 0.20 | Note C & D |
| SCP 018/018B | Apparent Colour | Pt-Co | 5 | 6 | Note C |
| SCP 082 | * Odour | - | | 0 | Note C |
| **2160B | * Taste | - | | 0 | Note C |
| SCP 053B/053D | Aluminium | µg/L | 10 | < 10 | 200 µg/L |
| SCP 053B/053D | Iron | µg/L | 10 | 80 | 200 µg/L |
| SCP 053B/053D | Manganese | µg/L | 2 | < 2 | 50 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

