

## Certificate of Analysis

<b>Customer:</b>	Monaghan County Council	<b>Site/Project:</b>	Drinking Water
<b>Local Authority:</b>	The Glen, Glen Rd, Tirkeenan, Monaghan	<b>Date Received:</b>	03/12/2025
<b>Customer Contact:</b>	Suzanne Clinton	<b>Condition of Sample(s):</b>	Satisfactory
<b>Customer PO</b>		<b>Date Analysed:</b>	03/12/2025 - 19/12/2025
<b>Quote No.</b>	Q24-00640	<b>Issue Date:</b>	22/12/2025
		<b>BATCH NUMBER:</b>	<b>25-19638</b>



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 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.

(registered office)

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<b>Customer Sample Ref:</b>	A75EF99-Doohamlet Community Centre-Sink in kitchen beside reception	<b>Customer Sample Code:</b>	
<b>Entity Name:</b>	Doohamlet GWS	<b>Sample Condition:</b>	Satisfactory
<b>Site / Project:</b>	Group A (Check)	<b>Entity Code:</b>	
<b>Our Reference:</b>	213514 (25-19638) -	<b>Sampled By:</b>	Declan SSS
<b>Date Sampled:</b>	03/12/2025	<b>Sample Matrix:</b>	Drinking Water
		<b>Time Sampled:</b>	10:15

Method:	Parameter:	Units	LOQ	Result	***Limits
<u>Onsite Measurements:</u>					
SEP 007	* Temperature	°C		11.10	
SEP 007	* Free Chlorine	mg/L	0.02	1.27	
SEP 007	* Total Chlorine	mg/L	0.02	1.55	
<u>Microbiological Analysis: (D)</u>					
SMP 019	Coliforms	MPN/100mL	<1	< 1	< 1 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	< 1 MPN/100mL
SMP 068	Enterococci	MPN/100mL	<1	< 1	< 1 MPN/100mL
<u>Chemical Analysis: (F)</u>					
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.3	6.5 - 9.5pH (Note A)
SCP 052	Conductivity	µS/cm @ 20 °C	14.7	285.3	2500.0 µS/cm @ 20
SCP 058/058B	Turbidity	<b>Note 4</b> NTU	0.20	0.27	<b>Note C &amp; D</b>
SCP 018/018B	Apparent Colour	<b>Note 4</b> Pt-Co	5	< 5	<b>Note C</b>
SCP 082	* Odour	-		0	<b>Note C</b>
SCP 082	* Taste	-		0	<b>Note C</b>
SCP 053B/053D	Aluminium	µg/L	10	< 10	200 µg/L
SCP 053B/053D	Iron	µg/L	10	157	200 µg/L
SCP 053B/053D	Manganese	µg/L	2	< 2	50 µg/L

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## Sample Deviation Key

Deviation Code	Deviation Description
C	Sample received in incorrect container, which may compromise result.
D/W	The sampling date and/or time has not been provided and therefore the sample holding time cannot be determined. It is possible that the results may be compromised.
H	Sample received in vial with inappropriate headspace, which may compromise result.
P	Preservative not used for critical parameter, which may compromise result
T	Inappropriate sample temperature upon receipt, which may compromise result.
R	Test is INAB accredited. Sample received outside recommended sample holding time, which may compromise result.
Note 4	Test is INAB accredited. The handling of the sample within the laboratory did not comply with the laboratories policy on holding times/handling instructions. It is possible that the result may be compromised.
Note 5	Result exceeds the accredited range of measurement for this parameter. E.g. Result exceeds the accredited range of measurement for ammonia, 0.02 - 12 mg/L N

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