

## Certificate of Analysis

<b>Customer:</b>	Monaghan County Council	<b>Site/Project:</b>	Check
<b>Local Authority:</b>	The Glen, Glen Rd, Tirkeenan, Monaghan	<b>Date Received:</b>	28/05/2024
<b>Customer Contact:</b>	Suzanne Clinton	<b>Condition of Sample(s):</b>	Satisfactory
<b>Customer PO</b>		<b>Date Analysed:</b>	28/05/2024 - 06/06/2024
<b>Quote No.</b>	Q24-00641	<b>Issue Date:</b>	17/06/2024
		<b>BATCH NUMBER:</b>	<b>24-42519</b>

Sadhbh O'Brien

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Chemistry Team Lead

### 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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# southern scientific services ltd.

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<b>Customer Sample Ref:</b>	Garron, Castleshane, H18P688. - Kitchen sink.	<b>Customer Sample Code:</b>	
<b>Entity Name:</b>	Glaslough/Tyholland GWS	<b>Sample Condition:</b>	Satisfactory
<b>Site / Project:</b>	Check	<b>Entity Code:</b>	
<b>Our Reference:</b>	130778 (24-42519) -	<b>Sampled By:</b>	Katie Brady, SSS, LTD.
<b>Date Sampled:</b>	28/05/2024	<b>Sample Matrix:</b>	Drinking Water
		<b>Time Sampled:</b>	11:15

Method:	Parameter:	Units	LOQ	Result	***Limits
<u>Onsite Measurements:</u>					
SEP 007	* Temperature	°C		15.40	
SEP 007	* Free Chlorine	mg/L	0.02	0.74	
SEP 007	* Total Chlorine	mg/L	0.02	0.88	
<u>Microbiological Analysis: (D)</u>					
SMP 019	Coliforms	MPN/100mL	<1	< 1	0 MPN/100mL
SMP 019	E. coli	MPN/100mL	<1	< 1	0 MPN/100mL
SMP 061	TVC @ 22°C for 72 Hrs	cfu/mL	<1	< 1	<= 100 cfu/mL
SMP 068	Enterococci	MPN/100mL	<1	< 1	0 MPN/100mL
<u>Chemical Analysis: (F)</u>					
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.2	6.5 - 9.5pH (Note A)
SCP 052	Conductivity	µS/cm @ 20 °C	15	266	2500 µS/cm @ 20 °C
SCP 058/058B	Turbidity	NTU	0.20	< 0.20	Note C & D
SCP 018/018B	Apparent Colour	Pt-Co	5	< 5	Note C
SCP 053B/053D	Aluminium	µg/L	10	38	200 µg/L
SCP 053B/053D	Iron	µg/L	10	< 10	200 µg/L
SCP 053B/053D	Manganese	µg/L	2	4	50 µg/L
SCP 082	* Odour	-		0	Note C
**2160B	* Taste	-		0	Note C

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