Certificate of Analysis

Customer:	Monaghan County Council	**Site/Project:**	Drinking Water
Local Authority:	The Glen, Glen Rd, Tirkeenan, Monaghan	**Date Received:**	03/11/2026
		Condition of Sample(s):	Satisfactory
Customer Contact:	Suzanne Clinton	**Date Analysed:**	03/11/2026 - 06/11/2026
Customer PO		**Issue Date:**	13/11/2026
Quote No.	Q26-01675	**BATCH NUMBER:**	**26-20926**

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.**

Customer Sample Ref:	Bright Stars Childcare Ltd., Kilycrum, Doohamlet, A75TX21	**Customer Sample Code:**	
		Sample Condition:	Satisfactory
Entity Name:	Doohamlet GWS	**Entity Code:**	
Site / Project:	Regulatory (Check)	**Sampled By:**	Declan Callan SSS
Our Reference:	275710 (26-20926) -	**Sample Matrix:**	Drinking Water
Date Sampled:	03/11/2026	**Time Sampled:**	12:10

Method:		Parameter:	Units	LOQ	Result	***Limits
		Onsite Measurements:				
SEP 007	*	Temperature	°C		11.60	
SEP 007	*	Free Chlorine	mg/L	0.02	0.29	
SEP 007	*	Total Chlorine	mg/L	0.02	0.49	
		Microbiological Analysis: (D)				
SMP 019		Coliforms	MPN/100mL	<1	< 1	**< 1 MPN/100mL**
SMP 061		TVC @ 22ºC 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**
		Chemical Analysis: (F)				
SCP 052		Hydrogen Ion (pH)	pH units	4.0	7.0	**6.5 - 9.5pH (Note A)**
SCP 052		Conductivity	µS/cm @ 20 °C	14.7	340.9	**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	9	**Note C**
SCP 082	*	Odour	-		0	**Note C**
SCP 082	*	Taste	-		0	**Note C**
SCP 053B/053D		Aluminium	µg/L	10	< 10	**200 µg/L**
SCP 053B/053D		Iron	µg/L	2	91	**200 µg/L**
SCP 053B/053D		Manganese	µg/L	2	< 2	**50 µg/L**