Certificate of Analysis

Customer:	Monaghan County Council	**Site/Project:**	Audit
Local Authority:	The Glen, Glen Rd, Tirkeenan, Monaghan	**Date Received:**	15/09/2026
		Condition of Sample(s):	Satisfactory
Customer Contact:	Suzanne Clinton	**Date Analysed:**	15/09/2026 - 16/10/2026
Customer PO		**Issue Date:**	16/10/2026
Quote No.		**BATCH NUMBER:**	**26-16789**

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:	Edenmore National School, Emyvale, Co. Monaghan H18WY26 Staffroom Sink	**Customer Sample Code:**	
		Sample Condition:	Satisfactory
Entity Name:	Tydavnet GWS	**Entity Code:**	
Site / Project:	Regulatory (Audit)	**Sampled By:**	Declan Callan SSS Ltd
Our Reference:	264114 (26-16789) -	**Sample Matrix:**	Drinking Water
Date Sampled:	15/09/2026	**Time Sampled:**	10:45

Method:		Parameter:	Units	LOQ	Result	***Limits
		Onsite Measurements:				
SEP 007	*	Temperature	°C		15.10	
SEP 007	*	Free Chlorine	mg/L	0.02	0.21	
SEP 007	*	Total Chlorine	mg/L	0.02	0.36	
		Chemical Analysis: (F)				
SCP 131D		Sum of Haloacetic Acids	µg/L	5	35	
		Microbiological Analysis: (D)				
SMP 068		Enterococci	MPN/100mL	<1	< 1	**< 1 MPN/100mL**
SMP 069		Clostridium perfringens	cfu/100mL	<1	< 1	**<= < 1 cfu/100mL**
		Chemical Analysis: (F)				
SCP 052		Hydrogen Ion (pH)	pH units	4.0	7.7	**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	0.20	**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	24.3	**250.0 mg/L**
SCP 160		Total Cyanide	µg/L	5	< 5	**50 µg/L**
SCP 027D		Sulphate	mg/L	0.5	45.5	**250.0 mg/L**
SCP 027I		Total Hardness	mg/L CaCO3	5	119	
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**	**0.9**	**0.6 - 0.8 mg/L**
SCP 065B		Total Organic Carbon (TOC)	mg/L	0.5	3.6	
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	0.013	**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	0.003	< 0.003	**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	

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Site / Project:	Regulatory (Audit)	**Sampled By:**	Declan Callan SSS Ltd
Our Reference:	264114 (26-16789) -	**Sample Matrix:**	Drinking Water
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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	Pefluorobutanoic acid (PFBA)	µg/L	0.005	< 0.005	
SCP 131H	Perfluorobutane sulfonic acid (PFBS)	µg/L	0.001	< 0.001	
SCP 131H	Perfluorodecanoic acid (PFDA)	µg/L	0.005	< 0.005	
SCP 131H	Perfluorododecanoic acid (PFDoDA)	µg/L	0.005	< 0.005	
SCP 131H	Perfluorododecane sulfonic acid (PFDoS)	µg/L	0.005	< 0.005	
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	0.005	< 0.005	
SCP 131H	Perfluorohexanoic acid (PFHxA)	µg/L	0.001	< 0.001	
SCP 131H	Perfluorohexane sulfonic acid (PFHxS)	µg/L	0.005	< 0.005	
SCP 131H	Perfluorononanoic acid (PFNA)	µg/L	0.005	< 0.005	
SCP 131H	Perfluorononane sulfonic acid (PFNS)	µg/L	0.001	< 0.001	
SCP 131H	Perfluorooctanoic acid (PFOA)	µg/L	0.005	< 0.005	
SCP 131H	Perfluorooctane sulfonic acid (PFOS)	µg/L	0.005	< 0.005	
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	0.005	< 0.005	
SCP 131H	Perfluorotridecane sulfonic acid (PFTrDS)	µg/L	0.005	< 0.005	
SCP 131H	Perfluoroundecane sulfonic acid (PFUdS)	µg/L	0.005	< 0.005	
SCP 131H	Perfluoroundecanoic acid (PFUnDA)	µg/L	0.005	< 0.005	
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**

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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	0.07	
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	16	
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	69	
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	6	
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	92	**100 µg/L**
SCP 131D	Trichloroacetic Acid	µg/L	5	35	
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1	
SCP 114A	Vinyl Chloride	µg/L	0.2	< 0.2	**0.5 µg/L**