



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

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Public Analyst's Laboratory,
Seamus Quirke Road,
Galway, H91 Y952,
Ireland

Lab Ref Number: W1908-2023

Date Printed: 28/09/2023

For Parametric Values/Ranges see Drinking Water Regulations S.I. No. 99 of 2023

#Name of Supply: Kiltiernan GWS

Authority Private

#Sampling Point: Treatment Plant - Raw water

#Requested by: Michael John Murphy

EPA Ref No. 1200PRI1056

Receipt Number Paid

#Date & Time Sampled 29/08/2023 13:00:00

Date Received: 29-August-2023

REPORT TO: Michael John Murphy
Caheradoo
Kilcolgan
Co. Galway

Test No.	Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38 *	Odour	Acceptable to consumers and no abnormal change.	2/3		None Detected	29/08/2023
33	Colour Pt-Co		2/6	mg/L	<2.0	
46	Turbidity		2/7	NTU	<0.2	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.1	
34	Conductivity @ 20°C	2500	2/8	µS/cm	637	
20	Nitrate as NO ₃	50	2/37	mg/L	7.2	
21	Nitrite as NO ₂	0.50	2/37	mg/L	<0.02	
	Total Oxidised Nitrogen		2/37	mg/L	7.2	
30	Ammonium as NH ₄	0.50	2/37	mg/L	<0.03	
	Total Hardness as CaCO ₃		2/30	mg/L	327	
	Total Alkalinity as CaCO ₃		2/30	mg/L	316	
31	Chloride as Cl	250	2/30	mg/L	26	
40	Sulphate as SO ₄	250	2/30	mg/L	<20	

***Remarks**

The chemical analysis denotes hard water. The chemical parameters analysed comply with the Drinking Water Regulation limits. The above analysis was carried out in the Public Analyst's Laboratory, Galway. However, due to an instrument failure, the metal testing was sub-contracted to the Public Analyst's Laboratory, Dublin (see attached report from the Public Analyst's Laboratory, Dublin).



Gayle Kealy

Dr. Gayle Kealy
Executive Analytical Chemist

Report Status Authorised

*Denotes a non-accredited Test. #This data is provided to the laboratory by the customer in the first instance.

Note 1: This report shall not be reproduced except in full, without written approval of the laboratory

Note 2: This test report relates only to the sample tested, as received.

Note 3: Any opinions, remarks and/or interpretations expressed above are outside the scope of accreditation

Note 4: The parametric value for Nitrite is 0.10 mg/L when the sample is taken at the Water Treatment Works

Blue type indicates a result that does not comply with the Parametric Value or Range & is outside the scope of accreditation.

Red type indicates a result that does not comply with the Parametric Value or Range.