



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

Mr. Rory Mannion, PUBLIC ANALYST
e-mail publicanalystlab@hse.ie
Telephone: (091) 58 11 22
Fax: (091) 58 12 12

Public Analyst's Laboratory,
University Hospital,
Seamus Quirke Road,
Galway, Ireland

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Lab Ref Number: W4192-2013

DRINKING WATER REGULATIONS S.I. No. 278 OF 2007:- AUDIT MONITORING (Chemical Analysis)

Name of Supply: Kiltiernan GWS Co-Op Soc. Ltd Authority Private
Sampling Point: Niall O'Callaghan
Requested by: Kiltiernan Group Water Scheme EPA Ref No. 1200PRI1056
Receipt Number W128554
Date & Time Sampled 07/08/2013 08:30:00 Date Received: 08-August-2013

REPORT TO: Kiltiernan Group Water Scheme
c/o Michael J. 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	08/08/2013
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	7.2	
34	Conductivity @ 20°C	2500	2/8	µS/cm	706	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO ₃	50	2/37	mg/L	12.3	
21	Nitrite as NO ₂	0.50	2/37	mg/L	<0.02	
30	Ammonium as NH ₄	0.30	2/37	mg/L	<0.03	
36	Iron as Fe	200	2/46	µg/L	<20	
37	Manganese as Mn	50	2/46	µg/L	<20	
12	Copper as Cu	2	2/46	mg/L	<0.04	
10	Cadmium as Cd	5	2/46	µg/L	<1.0	
17	Lead as Pb	25	2/46	µg/L	<4.0	
5	Arsenic as As	10	2/46	µg/L	<4.0	
11	Chromium as Cr	50	2/46	µg/L	<4.0	
19	Nickel as Ni	20	2/46	µg/L	<4.0	
25	Selenium as Se	10	2/46	µg/L	<4	
8	Boron as B	1.0	2/46	mg/L	0.02	
	Zinc as Zn		2/46	mg/L	<0.04	
4	*Antimony as Sb	5.0	2/46	µg/L	<1	
	*Total Hardness as CaCO ₃		2/42	mg/L	392	
	*Total Alkalinity as CaCO ₃		2/43	mg/L	373	

*Remarks

The chemical analysis denotes excessively hard water. The parameters analysed comply with the Drinking Water Regulation Limits.



Christopher Laffey

Dr. Christopher Laffey
Executive Analytical Chemist

Report Status: Authorised

*Denotes a non-accredited Test.

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.

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.