



OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

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Lab Ref Number: W1024-2014

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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: Raw Water
Requested by: Michael Murphy EPA Ref No. 1200PRI1056
Receipt Number W128778
Date & Time Sampled 11/03/2014 00:00:00 Date Received: 11-March-2014

REPORT TO: Michael 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	12/02/2014
33	Colour Pt-Co		2/6	mg/L	4.9	
46	Turbidity		2/7	NTU	0.3	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.2	
34	Conductivity @ 20°C	2500	2/8	µS/cm	608	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO ₃	50	2/37	mg/L	13.6	
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	10	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	<4.0	
8	Boron as B	1.0	2/46	mg/L	<0.02	
	Zinc as Zn		2/46	mg/L	<0.04	
	*Total Hardness as CaCO ₃		2/42	mg/L	313	
	*Total Alkalinity as CaCO ₃		2/43	mg/L	280	
	*Chloride as Cl	250	2/40	mg/L	42	
40	*Sulphate as SO ₄	250	2/41	mg/L	<20	
41	*Sodium as Na	200	2/38	mg/L	15	
	*Potassium as K		2/39	mg/L	6	
4	*Antimony as Sb	5.0	2/46	µg/L	<1	
	*Ortho-phosphate as P			mg/L	0.06	

*Remarks

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



Gayle Kealy

Dr. Gayle Kealy
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. Page 1 of 1