



Féidhmeannacht na Seirbhíse Sláinte  
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

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Public Analyst's Laboratory,  
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Seamus Quirke Road,  
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Lab Ref Number: W1849-2016

Date Printed: 15/04/2016

Drinking Water Regulations S.I. No. 122 of 2014:- AUDIT MONITORING (Chemical Analysis)

Name of Supply: Kiltiernan GWS Co-Op Soc. Ltd Authority Private  
Sampling Point: Eamon Hughes Kitchen Tap  
Requested by: Michael John Murphy EPA Ref No. 1200PRI1056  
Receipt Number Paid  
Date & Time Sampled 06/04/2016 12:15:00 Date Received: 06-April-2016

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	07/04/2016
33	Colour Pt-Co		2/6	mg/L	3.2	
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	573	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO <sub>3</sub>	50	2/37	mg/L	4.7	
21	Nitrite as NO <sub>2</sub>	0.50	2/37	mg/L	<0.02	
30	Ammonium as NH <sub>4</sub>	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	
4	*Antimony as Sb	5.0	2/46	µg/L	<1	
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 <sub>3</sub>		2/42	mg/L	<10	
	* Total Alkalinity as CaCO <sub>3</sub>		2/43	mg/L	312	
	* Chloride as Cl	250	2/40	mg/L	30	
40*	Sulphate as SO <sub>4</sub>	250	2/41	mg/L	<20	
41*	Sodium as Na	200	2/38	mg/L	159	
	*Potassium as K		2/39	mg/L	1	

\*Remarks

The chemical analysis denotes soft 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.

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Lab Ref Number: W1848-2016

Date Printed: 15/04/2016

Drinking Water Regulations S.I. No. 122 of 2014:- AUDIT MONITORING (Chemical Analysis)

Name of Supply: Kiltiernan GWS Co-Op Soc. Ltd Authority Private  
 Sampling Point: Eamon Hughes - Unsoftened  
 Requested by: Michael John Murphy EPA Ref No. 1200PRI1056  
 Receipt Number Paid  
 Date & Time Sampled 06/04/2016 12:15:00 Date Received: 06-April-2016

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	07/04/2016
33	Colour Pt-Co		2/6	mg/L	2.3	
46	Turbidity		2/7	NTU	<0.2	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.5	
34	Conductivity @ 20°C	2500	2/8	µS/cm	570	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO <sub>3</sub>	50	2/37	mg/L	4.7	
21	Nitrite as NO <sub>2</sub>	0.50	2/37	mg/L	<0.02	
30	Ammonium as NH <sub>4</sub>	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	0.64	
4	*Antimony as Sb	5.0	2/46	µg/L	<1	
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	0.18	
	* Total Hardness as CaCO <sub>3</sub>		2/42	mg/L	<10	
	* Total Alkalinity as CaCO <sub>3</sub>		2/43	mg/L	319	
	* Chloride as Cl	250	2/40	mg/L	31	
40*	Sulphate as SO <sub>4</sub>	250	2/41	mg/L	<20	
41*	Sodium as Na	200	2/38	mg/L	149	
	*Potassium as K		2/39	mg/L	1	

\*Remarks

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



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