OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT



Dr. Padraig Burke, A/I Public Analysts (Regional) Email: PublicAnalystLab.UCHG@hse.ie Telephone: (091) 58 11 22 Fax: (091) 58 12 12

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

Date Printed: 04/02/2020

Lab Ref Number:W226-2020

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

Name of Supply: Kiltiernan GWS

Authority

Galway County Council

Sampling Point: Michael J Murphy - Kitchen Tap - Treated

1200PRI1056

Requested by:

Michael J Murphy

EPA Ref No. Receipt Number Paid

Date & Time Sampled 23/01/2020 11:30:00

Michael J Murphy

Date Received:

23-January-2020

REPORT TO:

C/o Kiltiernan GWS

Caheradoo Kilcolgan Co. Galway TREATED

Test No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38 * Odour	Acceptable to	2/3		Chlorine = =	23/01/2020
33 Colour Pt-Co	consumers and no	2/6	mg/L	2.8	
46 Turbidity	abnormal change.	2/7	NTU	_<0.2	
35 Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.3	District And Contember of the And
34 Conductivity @ 20°C	2500	2/8	μS/cm	604	
29 Aluminium as Al	200	2/46	μg/L	<20	
20 Nitrate as NOs	50	2/37	mg/L	26.2	
21 Nitrite as NO2	0.50	2/37	mg/L	<0.02	
30 Ammonium as NH4	0.30	2/37	mg/L	■ <0.03	
36 Iron as Fe	200	2/46	μg/L	<20	e name a negleti name na statu na serie
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	<1.0	
10 Cadmium as Cd	5	2/46	μg/L	<1.0	A TOTAL STREET OF THE STREET
17 Lead as Pb	10	2/46	μg/L	<4.0	
5 Arsenic as As	. 10	2/46	μg/L	<4.0	an en en van de en
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 T	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	and the state of t	2/30	mg/L	299	-1798u - 179 da 1960 Masa 1961 X da 100 Kita 40
Total Alkalinity as CaCO3		2/30	mg/L	273	
Chloride as Cl	250	2/30	mg/L	34	
40 Sulphate as SO ₄	250	2/30	mg/L	<20	
41 * Sodium as Na	200	2/38	mg/L	18	
*Potassium as K		2/39	mg/L	6	
Free Chlorine as Cl	化多物物 加斯特特人特别 医原生的 人名马克斯特	2/10	mg/L	0.15	23/01/2020
*Remarks			9		

*Remarks

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



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 Rauge. Page 1 of 2

Feidhmeannacht na Seirbhíse Sláinte Health Service Executive

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Date Printed: 04/02/2020

Lab Ref Number: W227-2020

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

Name of Supply: Kiltiernan GWS Authority Galway County Council

Sampling Point: Kiltiernan Water Scheme Treatment Plant - Raw

Michael J Murphy 1200PRI1056 Requested by: EPA Ref No.

Receipt Number Paid

Date & Time Sampled 23/01/2020 11:30:00 **Date Received:** 23-January-2020

Michael J Murphy REPORT TO:

C/o Kiltiernan GWS

Caheradoo Kilcolgan Co. Galway RAW

Test No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38 * Odour	Acceptable to	2/3	Ward St. Assert	None Detected	23/01/2020
33 Colour Pt-Co	consumers and no	2/6	mg/L	3.2	A STATE OF THE STA
46 Turbidity	abnormal change.	2/7	NTU	<0.2	44.000
35 Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.2	and the second second and a second second second
34 Conductivity @ 20°C	2500	2/8	μS/cm	554	
29 Aluminium as Al	200	2/46	μg/L	<20	
20 Nitrate as NO3	50	2/37	mg/L	20.5	
21 Nitrite as NO2	0.50	2/37	mg/L	0.03	
30 Ammonium as NH4	0.30	2/37	mg/L	<0.03	
36 Iron as Fe	200	2/46	μg/L	<20	ere (= 1, ide la linea (s. maren signalika), 42
37 Manganese as Mn	50	2/46	$\mu g/L$	<20	
12 Copper as Cu	2	2/46	mg/L	< 0.04	•
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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	NAME OF THE PARTY	2/46	mg/L	<0.04	
Total Hardness as CaCO ₃	Control of the Contro	2/30	mg/L	288	
Total Alkalinity as CaCO	•	2/30	mg/L	286	****
Chloride as Cl	250	2/30	mg/L	28	
40 Sulphate as SO4	250	2/30	mg/L	<20	
41 * Sodium as Na	200	2/38	mg/L	13	
*Potassium as K		2/39	mg/L	4 // // // // / / / / / / / / / / / / /	
*Remarks	The second of th	remain and a second second second second	WAS TRANSPORTED BY C	 0.00 0.5 0.00 0.00000000000000000000000	(1.15 · 图10 · 0.10 · 1.15 · 1

*Remarks

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

This water sample has been tested for the chemical analysis shown. This laboratory does not perform microbiology analysis.



Dr. Gayle Kealy

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