Feidhmeannacht na Seirbhíse Sláinte Health Service Executive

Lab Ref Number:W3936-2019

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

Mr. Rory Mannion, PUBLIC ANALYST 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: 09/12/2019

Drinking Water Regula	tions S.I. No. 12	2 of 2014:- AUDIT MONITORI	NG (Chemical Analysis)	
Name of Supply: Kiltiernan GWS Sampling Point: Michael Murphy Kitc	hen Tap	Authority Priva	te	
Requested by: Michael J Murphy	1	EPA Ref No. 1: Receipt Number R	200PRI1056 epeat	
Date & Time Sampled 28/11/2019 11:30:00		Date Received:	28-November-2019	
REPORT TO: Michael J Murphy C/o Kiltiernan GWS Caheradoo Kilcolgan Co. Galway				

Test	No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38	*Odour	Acceptable to	2/3		Chlorine	28/11/2019
33	Colour Pt-Co	consumers and no	/2/6	mg/L	2.0	
46	Turbidity	abnormal change.	2/7	NTU	<0.2	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.3	
34	Conductivity @ 20°C	2500	2/8	µS/cm	615	
29	Aluminium as Al	200	2/46	μg/L	<20	4.4 200
20	Nitrate as NO3	50	2/37	mg/L	21.4	
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	in an
37	Manganese as Mn	50	2/46	µg/L	<20	8
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	3	- 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	and a second
11	Chromium as Cr	50	2/46	μg/L	<4.0	
19	Nickel as Ni	20	2/46	µg/L	<4.0	5
25	Selenium as Se	10	2/46	µg/L	<4.0	
8	Boron as B	10	2/46	mg/L	<0.02	
e4.	Zinc as Zn		2/46	mg/L	<0.04	
	Total Hardness as CaCO ₃		2/30	mg/L	296	na mara na manana ang ang ang ang ang ang ang ang an
	Total Alkalinity as CaCO3		2/30	mg/L	286	
	Chloride as Cl	250	2/30	mg/L	32	
40	Sulphate as SO4	250	2/30	mg/L	<20	
41 *	Sodium as Na	200	2/38	mg/L	18	
	*Potassium as K		2/39	mg/L	5	
	Free Chlorine as Cl		2/10	mg/L	0.45	28/11/2019
<u>*Re</u>	marks					

The chemical analysis denotes hard water. The chemical 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 Range. Page 1 of 2

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OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

Feidhmeannacht na Seirbhíse Sláinte Health Service Executive

Lab Ref Number: W3937-2019

Mr. Rory Mannion, PUBLIC ANALYST 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

12

Date Printed: 09/12/2019

Name of Supply: Kiltiernan C	3WS	Authority	Private		:4 h
	mell - Kitchen Tap				
Requested by: Michael J M	lurphy	EPA Ref No.	1200PRI1056		· ¢
		Receipt Number Paid			:
Date & Time Sampled 28/11/2	2019 11:30:00	Date Receiv		November-2019	
REPORT TO: Michael J M			1.13 1.15 1.15		
C/o Kiltierr	aan GWS				
Caheradoo			din san		
Kilcolgan Co. Galway					
Fest No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38*Odour	Acceptable to	2/3		Chlorine	28/11/2019
33 Colour Pt-Co	consumers and no	2/6	mg/L	<2.0	
46 Turbidity	abnormal change.	2/ 7 - 2/ 7 - 2/7	NTU -	<0.2	
35 Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.3	
34 Conductivity @ 20°C	2500	2/8	uS/cm	615	
29 Aluminium as Al	200	2/46	µg/L	<20	la construction de la construction
20 Nitrate as NO3	50	2/37	mg/L	19.7	
21 Nitrite as NO2	0.50	2/37	mg/L	≲0.02	
30 Ammonium as NH4	0.30	2/37	img/L	≪0.03	
36 Iron as Fe	200	2/46	ζ μg/L	<20	1.
37 Manganese as Mn	50	2/46	եր hg/L	<20	
12 Copper as Cu	2	2/46	mg/L	<0.04	5 A
10 Cadmium as Cd	5	2/46	µg/L	<1.0	
17 Lead as Pb	10	2/46	μ g/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	4.
8 Boron as B	1.0	2/46	mg/L	<0.02	
Zinc as Zn		2/46	mg/L	<0.04	
Total Hardness as CaCO3		2/30	∦ mg/L	294	
Total Alkalinity as CaCO3		2/30	mg/L	291	14)
Chloride as Cl	250	2/30	i mg∕L	33	R.
40 Sulphate as SO ₄	250	2/30	mg/L	<20	-2
41 * Sodium as Na	200	2/38	mg/L	18	
*Potassium as K		2/39	mg/L	5	
Free Chlorine as Cl		2/10	mg/L	0.15	28/11/2019
<u>*Remarks</u>	ne ne se	an - Maria da Curringer na Albara T	en nem e d e r freder fins Hij	an an balan kupita sing a jing	na fra Sulla ana Angli (angli (ang

*Remarks

The chemical analysis denotes hard water. The chemical 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.



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Dr. Christopher Laffey **Executive Analytical Chemist**

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Note 2: This report solar not or reproduced sweep in this, many many spectra or how the second solar s

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