OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT



Health Service Executive

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: 10/02/2021

Lab Ref Number:W201-2021

For Parametric Values/Ranges see Drinking Water Regulations S.I. No. 122 of 2014

#Name of Supply: Kiltiernan GWS

Authority . Private

#Sampling Point: Treatment Plant, Kiltiernan

#Requested by: Michael J Murphy

EPA Ref No.

1200PRI1056

#Date & Time Sampled 02/02/2021 13:30:00

Receipt Number Paid Date Received:

02-February-2021

REPORT TO:

Michael J Murphy

C/o Kiltiernan GWS

RAW

WATER

Caheradoo Kilcolgan

Co. Galway

Test No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38 * Odeur	Acceptable to	2/3		None Detected	04/02/2021
33 Colour Pt-Co	consumers and no	2/6	mg/L	4.9	5
46 Turbidity	abnormal change.	2/7	NTU	-0.3	
35 Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.4	TO THE
34 Conductivity @ 20°C	2500	2/8	μS/cm	701	
29 Aluminium as Al	200	2/46	μg/L	<20	
20 Nitrate as NO3	50	2/37	mg/L	20.9	Continued to
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	and the property of the proper
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	
17 Lead as Pb	10	2/46	μg/L	<4.0	
5 Arsenic as As	10	2/46	μg/L	<4.0	n in Statistical Processing Control of the Control of Statistics
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	μ̈g/L	<4.0	AND THE PROPERTY OF THE PARTY O
8 Boron as B	1.0	2/46	mg/L	<0.02	20 26 pc 20 20 20 20 20 20 20 20 20 20 20 20 20
Zinc as Zn		2/46	mg/L	<0.04	
Total Hardness as CaCO ₃	and the state of t	2/30	mg/L	319	Control of the Contro
Total Alkalinity as CaCO ₃		2/30	mg/L	300	
Chloride as Cl	250	2/30	mg/L	46	
40 Sulphate as SO4	250	2/30	mg/L	≤20	
41 * Sodium as Na	200	2/38	mg/L	25	
*Potassium as K	700 Marie 1900 Marie 1	2/39	mg/L	6	
*Domonko	 Selection of the selection of the selection	Control of the Contro	and the state of t	persona trade se repetativamentali.	at an redemental S.E. courts often takestitten (f. 199

*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.



Suge Karly

Executive Analytical Chemist

Report Status

*Denotes a non-accredited Test. #This data is provided to the laboratory by the customer in the first instance.

Note 1: This report shall not be reproduced except in full, without w. Note 2: This test report relates only to the sample tested, as received.

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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Dr. Gayle Kealy

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT



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

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

Date Printed: 10/02/2021

Lab Ref Number: W202-2021

For Parametric Values/Ranges see Drinking Water Regulations S.I. No. 122 of 2014

#Name of Supply: Kiltiernan GWS

Authority

Private

#Sampling Point: Michael Murphy Kitchen Tap

1200PRI1056

#Requested by: Michael J Murphy

EPA Ref No.

Receipt Number Paid

Date Received:

02-February-2021

REPORT TO:

Michael J Murphy

C/o Kiltiernan GWS

Caheradoo

#Date & Time Sampled 02/02/2021 13:30:00

Kilcolgan Co. Galway TRUATED

WATER.

Test No. Par	ameter	Parametric Value	Method No.	Units	Result	Date Tested
38 * Odour		Acceptable to	2/3	Miles Carles (Miles et al. 1999) Miles (Miles et al. 1999)	Chlorine	04/02/2021
33 Colour	rPt-Co	consumers and no	2/6	mg/L	2.3	
46 Turbid	lity	abnormal change,		NTU	<0.2	March Control of the
35 Hydro	gen Ion	6.5 - 9.5	2/9	pH Units	7.5	The second secon
34 Condu	etivity @ 20°C	2500	2/8	μS/cm	707	
29 Alumi	nium as Al	200	2/46	μg/L	30	
20 Nitrate	e as NO3	50	2/37	mg/L	20.9	
21 Nitrite	as NO2	0.50	2/37	mg/L	<0.02	
30 Ammo	onium as NH₄	0.30	2/37	mg/L	<0.03	
36 Iron as	s Fe	200	2/46	μg/L	<20	
37 Manga	anese as Mn	50	2/46	μg/L	<20	
12 Coppe	r as Cu	2	2/46	mg/L	< 0.04	
4 *Antin	nony as Sb	5.0	2/46	μg/L	<1.0	
10 Cadmi	ium as Cd	5	2/46	μg/L	<1.0	
17 Lead a	SECTIONS TO USE SOMEON SERVENIES.	101	2/46	μg/L	<4.0	
5 Arseni	ic as As	10	2/46	μ g/L	<4.0	
11 Chron	nium as Cr	50	2/46	$\mu \mathbf{g}/\mathbf{L}$	<4.0	
19 Nickel		20	2/46	μg/L	<4.0	
25 Selenii	um as Se	10 🦠	2/46	μg/L	<4.0	
8 Boron	as B	1.0	2/46	mg/L	<0.02	
Zinc a	s Zn		2/46	mg/L	<0.04	
Total I	Hardness as CaCO ₃		2/30	mg/L	279	
Total A	Alkalinity as CaCO ₃		2/30	mg/L	297	
Chlori	ide as Cl	250	2/30	mg/L	46.	
STREET, A. The Spirit	ate as SO4	250	2/30	mg/L	<20	
41 * Sødiur		200	2/38	mg/L	27	
*Potas	ssium as K		2/39	⊤_ mg/L	7	
	Chlorine as Cl		2/10	mg/L	0.08	04/02/2021
Free C	Chlorine as CI		2/10	mg/L	<0.02	04/02/2021



Suge Kealy

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Page 1 of 2

Dr. Gayle Kealy

Executive Analytical Chemist

Parametric Value

Method No.

Units

Result

Date Tested

*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.



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Dr. Gayle Kealy

Executive Analytical Chemist