

Mr. Rory Mannion, PUBLIC ANALYST e-mail publicanalystlab@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: 12/05/2014

# Lab Ref Number:W2069-2014

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

Authority Name of Supply: Private Private

Sean O' Neill - Softener & Filtered Kitchen Tap **Sampling Point:** 

Requested by: Michael Murphy

Receipt Number W136026

Date & Time Sampled 01/05/2014 00:00:00 Date Received: 01-May-2014

Michael Murphy REPORT TO:

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	er verter ble se	None Detected	01/05/2014
33 Colour Pt-Co	consumers and no	2/6	mg/L	5.6	
46 Turbidity	abnormal change.	2/7	NTU	<0.2	
35 Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.5	and the Control of the San Control of the Act Tales of the
34 Conductivity @ 20°C	2500	2/8	μS/cm	35	
29 Aluminium as Al	200	2/46	μg/L	<20	
20 Nitrate as NOs	50	2/37	mg/L	<2.0	
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	Carrent and activative and a second s
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	Secretary of the second
17 Lead as Pb	10	2/46	μg/L	<4.0	
5 Arsenic as As	200 (10 )	2/46	μg/L	<4.0 ···	
11 Chromium as Cr	50	2/46	μg/L	<4.0	and the second of the second s
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	
4 *Antimony as Sb	5.0	2/46	μg/L	∢1	
* Total Hardness as CaCO <sub>3</sub>	data kembangangan pertambah di danggan bandan sebagai danggan beranggan di terbagai pertambah di danggan beran Pertambangan pertambah di danggan pertamban di danggan beranggan pertamban pertamban di danggan beranggan bera	2/42	mg/L	<10	Manager Designation of the Control o
* Total Alkalinity as CaCO <sub>3</sub>		2/43	mg/L	12	
* Chloride as Cl	250	2/40	mg/L	<10	
40 * Sulphate as SO4	250	2/41	mg/L	<20 ⋅ ⋅	
41* Sodium as Na	200	2/38	mg/L	6	
*Potassium as K		2/39	mg/L	<1 ′′	

\*Remarks

Report Status

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



Dr. Christopher Laffey

**Executive Analytical Chemist** 

Chartoples for

\*Denotes a non-accredited Test.

Authorised

Note 1: This report shall not be reproduced except in full, without written approval of the labor 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 World

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



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

Date Printed: 12/05/2014

# Lab Ref Number W2

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

Name of Supply: Private Authority Private

Sampling Point: Unsoftened Water - Kitchen Tap

Requested by: Michael Murphy

> Receipt Number W136026 Date Received: 01-May-2014

Date & Time Sampled 01/05/2014 00:00:00 REPORT TO:

Michael Murphy

C/o Kiltiernan GWS Caheradoo Kilcolgan Co. Galway

Test No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38* *Odeur	Acceptable to	2/3		Chlorine	01/05/2014
33 Colour Pt-Co	consumers and no	2/6	mg/L	4.2	Contraction and
46 Turbidity	abnormal change.	2/7	NTU	0.3	
35 Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.0	Automatigues antigana manada in 1965 ini
34 Conductivity @ 20°C	2500	2/8	μS/cm	551	
29 Aluminium as Al	200	2/46	μg/L	<20	
20 Nitrate as NOs	.50	2/37	mg/L	3.9	Brazinski mes
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	randrinaria e de mantala de la Armeira de
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	Torrest Liverations
5 Arsenic as As	10	2/46	µg/L	<4.0	
11 Chromium as Cr	50	2/46	μg/L	<4.0	and the second second section in the section in the second section in the second section in the second section in the section in the second section in the section in
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	with the second second	2/46	mg/L	<0.04	
4 *Antimony as Sb	5.0	2/46	μ <b>g/L</b>	<1	
* Total Hardness as CaCO3	and the second s	2/42	mg/L	296	eritherial religion Theria
* Total Alkalinity as CaCO <sub>3</sub>		2/43	mg/L	262	
* Chloride as Cl	250	2/40	mg/L	45	
40* Sulphate as SO4	250	2/41	mg/L	<20 −	na nama ya kata ini ma
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	0.05	01/05/2014
				- raging the result was	

## \*Remarks

Report Status

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



Page 1 of 2

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Dr. Christopher Laffey **Executive Analytical Chemist** 

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

Date Printed: 05/03/2014

# SORGINUMBER

Date & Time Sampled 27/02/2014 00:00:00

# DRINKING WATER REGULATIONS S.I. No. 278 OF 2007:- AUDIT MONITORING (Chemical Analysis)

Name of Supply: Private

Authority Private

Sampling Point: Kiltiernan GWS, A. Dillon

Requested by:

Michael Murphy

Receipt Number W128765

Date Received:

27-February-2014

REPORT TO:

Michael Murphy Caheradoo Kilcolgan

Co. Galway

Test	No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38	*Odour	Acceptable to	23		Chlorine	27/02/2014
33	Colour Pt-Co	consumers and no	2/6	mg/L	4.7	
46	Turbidity	abnormal change.	2/7	NTU	0.3	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.5	men anne ment ment maner and the second s
<b>34</b>	Conductivity @ 20°C	2500	2/8	μS/cm	574	
29	Aluminium as Al	200	. 2/46	μg/L	<20	
20	Nitrate as NO3	50	2/37	mg/L	13.8	
.21	Nitrite as NO2	0:50	2/37	mg/L	<0.02	uni di esti di di
30	Ammonium as NH4	0.30	2/37	mg/L	< 0.03	A ALCOHOLOGICA
36	Iron as Fe	200	2/46	μg/L	<20	AND THE PROPERTY OF STREET STREET, STR
37	Manganese as Mn	50	2/46	μg/L	<20	
12	Copper as Cu	2	2/46	mg/L	0.30	
. 10	Cadmium as Cd	5	2/46	µg/L	->≤ <b>1.</b> 0	
17.	Lead as Pb	10	2/46	ug/L	<4.0	Carrier and
5	Arsenic as As	10	2/46	pg/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	and the second of the second o	2/46	mg/E	<0.04	the state of the
4	*Antimony as Sb	5:0	2/46	µg/L	* . <b>:</b>	Mary Species and A. S. S.
<i>)</i>	*Total Hardness as CaCO3	and the second s	2/42	mg/L	10	
	*Total Alkalinity as CaCO	3	2/43	mg/L	282	
71 PEL JUL - 1 41 V. W.	*Chloride as Cl	250	2/40	mg/L	45	
40	*Sulphate as SO4	250	2/41	mg/L	<20	
.41	*Sodium as Na	290	2/38	mg/L	145	
in Carlo	*Potassium as K		2/39	mg/L	1	
	Free Chlorine as Cl	The state of the state of the state of 2 ages to compare the factors had been been been been been been been bee	2/10	mg/L	0.06	27/02/2014
*Ren	narks					

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



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Date Printed: 05/03/2014

# DRINKING WATER REGULATIONS S.I. No. 278 OF 2007:- AUDIT MONITORING (Chemical Analysis)

Name of Supply: Private

Date & Time Sampled 27/02/2014 00:00:00

Authority

Private

Sampling Point: Kiltiernan GWS, Kiltiernan School

Requested by:

Michael Murphy

Receipt Number W128765

Date Received:

27-February-2014

REPORT TO:

Michael Murphy Caheradoo Kilcolgan

Co. Galway

Test I	No. Parameter	Parametric Value	Method No.	Units	Result	Date Tested
. 38	*Odour	Acceptable to	2/3		Chlorine	27/02/2014
33	Colour Pt-Co	consumers and no.	2/6	mg/E	3.6	
46	Turbidity	abnormal change.	2/7	· NTU	0.4	de la companya de la
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.0	ACTION TO CONTRACT OF CONTRACT AND CONTRACT OF CONTRACT ON CONTRACT OF CONTRAC
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	12.9	en Brown and the
21	Nitrite as NOz	0.50	2/37	mg/L		
30	Ammonium as NH4	0.30 5	2/37	me/L	+ <b>&lt;0.03</b>	
36	Iron as Fe	200	2/46	μg/L	<20	and many or graph complete and an according to the property of the complete for the desired of the first of the
37	Manganese as Mn	50	2/46	μg/L	<20	
12	Copper as Cu		2/46	mg/L	<0.04	
10	Cadmium as Cd	5.	2/46	μg/L	<1.0	i prijeta i jedana
17	Lead as Pb		= 2/46	pg/L	<4.0	en distribution de la company
5	Arsenic as As	10	2/46	μg/L	4.0	Open Carrier and C
11	Chromium as Cr	50	2/46	μg/L	<4.0	N. C.
19	Nickel as Ni	20	2/46	μg/L	<4.0	
25	Selenium as Se		2/46	μg/L	<4.0	
8	Boron as B	. 1.0	2/46	mg/L	<0.02	
	Zinc as Zn		2/46	mg/E	<0.04	
4	*Antimony as Sb	5.0	2/46	rig/L	. ≼1	
	*Total Hardness as CaCO		2/42	mg/L	293	part, in some or the contract of
	*Total Alkalinity as CaCO		2/43	mg/L	276	
046864498595	*Chloride as Cl	<b>250</b>	2/40	mg/L	46	
40	*Sulphate:as SO4	<u>250</u>	2/41	mg/L	<20.	
41	*Sodium as Na	200	2/38	mg/L	21	
74. CS 11.	*Petassium as K		2/39	mg/L .	5	
	Free Chlorine as Cl		2/10	mg/L	0.25	27/02/2014
*Ker	narks					

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

Report Status

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