OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT



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: 15/04/2016

Lab Ref Number:W1849-2016

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

Name of Supply: Kiltiernan GWS Co-Op Soc. Ltd

Sampling Point: Eamon Hughes Kitchen Tap

Requested by: Michael John Murphy

Date & Time Sampled 06/04/2016 12:15:00

Authority Private

EPA Ref No.

1200PRI1056

Receipt Number Paid

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 | 2/3 | | None Detected | 07/04/2016 |
| 33 Colour Pt-Co | consumers and no | 2/6 | mg/L | 3.2 | |
| 46 Turbidity | abnormal change. | 2/7 | NTU | <0.2 | |
| 35 Hydrogen Ion | 6.5 - 9.5 | 2/9 | pH Units | 7.2 | recently resimilarly residences |
| 34 Conductivity @ 20°C | 2500 | 2/8 | μS/cm | 573 | |
| 29 Aluminium as Al | 200 | 2/46 | μg/L | <20 | |
| 20 Nitrate as NOs | 50 | 2/37 | mg/L | 4.7 | |
| 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 | SAME A TO A MINICIPAL MAY SAME SAME AND CONTRACTORS |
| 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 | 4 | |
| 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 | The second state of many seconds and second |
| 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 ₃ | t van 1 ketaan 20 is teast ook laske obder 1 makaan 18 is stand is 2 makaan of hij bij is bis 22. | 2/42 | mg/L | <10 | |
| * Total Alkalinity as CaCO3 | | 2/43 | mg/L | 312 | |
| * Chloride as Cl | 250 | 2/40 | mg/L | 30 | |
| 40* Sulphate as SO4 | 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 | Control of the contro | THE SURVEY SERVING THE PROPERTY OF THE | SANDARY CONTROL OF THE | residente de la companya de la comp | |

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



Dr. Gayle Kealy

Executive Analytical Chemist

Roport 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

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Date Printed: 15/04/2016

Lab Ref Number: W1848-2016

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

Name of Supply: Kiltiernan GWS Co-Op Soc. Ltd

Sampling Point: Eamon Hughes - Unsoftened

Requested by:

Date & Time Sampled 06/04/2016 12:15:00

Michael John Murphy

Authority Private

EPA Ref No.

1200PRI1056

Receipt Number Paid

Date Received:

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| 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 | of Colored Branch For It was broken believed by the |
| 11 Chromium as Cr | 50 | 2/46 | $\mu g/L$ | <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 ₃ | hardenska station i sekul i sesala tationises, sessii si en na na na statioperii. Print | 2/42 | mg/L | <10 | rendiri ener i indiga i uni e trigi perdirima del |
| * Total Alkalinity as CaCO ₃ | | 2/43 | mg/L | 319 | |
| * Chloride as Cl | 250 | 2/40 | mg/L | 31 | |
| 40* Sulphate as SO ₄ | 250 | 2/41 | mg/L | <20 | |
| 41 * Sodium as Na | 200 | 2/38 | mg/L | 149 | |
| *Potassium as K | | 2/39 | mg/L | 1 | |
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*Remarks

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