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|--|--|------------------------|
| CUSTOMER: MICHELLE KEANE | SAMPLE TYPE: | DRINKING WATER |
| ADDRESS: Talbot Bridge, Knocknagoshel, Co. Cork | CONDITION OF SAMPLE ON RECEIPT: | Satisfactory |
| REPORT TO: keithdarcy@gmail.com design@mibeauinteriors.com | DATE SAMPLED: | 28 June 2019 |
| SAMPLED BY: Customer | DATE RECEIVED: | 28 June 2019 |
| SAMPLING PT: TALBOT STREAM 7 | DATE ANALYSED: | 28 -30 June 2019 |
| ORDER NO.: | DATE REPORTED: | 02 July 2019 |
| | WORK NO.: | 19-02592 - 8576 |

Ruth Murphy
Ruth Murphy
Chemistry Laboratory Manager

Index to symbols used:

| | |
|--------|--|
| * | Analysis is not INAB accredited. |
| ** | Adapted from Standard Methods for the Examination of Water and Wastewater. |
| *** | S.I. No. 122 of 2014 - European Union (Drinking Water) Regulations 2014 |
| Note A | The water should not be aggressive. |
| Note B | Compliance must be entered with the conditions that $[NO_3]/50 + [NO_2] / 3 < 1$ |
| (F) | Analysis carried out at our Farranfore Laboratory. |
| (D) | Analysis carried out at our Dunrinc Laboratory. |

- The results relate only to the items tested.
- Opinions and interpretations expressed herein are outside the scope of INAB accreditation.
- The analysis report shall not be reproduced except in full without written approval of the laboratory.

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4 park business centre | **farranfore** | county kerry | ireland | telephone +353 66 976 3588 | fax +353 66 976 3589
dunrinc | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

directors: K. Murphy, M. Murphy & C. Murphy
registered in ireland no 323196 | vat reg no IE 6343196 M





| Method: | Parameter: | Units | 19-02592--8576 | *** Limit |
|-----------------|-------------------------------|---------------------------|----------------|--------------------------------|
| TALBOT STREAM 7 | | | | |
| | <u>Chemical Analysis: (F)</u> | | | |
| SCP 027a | Ammonium | mg/L NH ₄ | <0.1 | 0.3 mg/L |
| | * Rubidium | µg/L | 2 | |
| SCP 073 | * Beryllium | µg/L | 0.133 | |
| | * Bismuth, Be | µg/L | <0.5 | |
| | * Bromine, Br | µg/L | 6 | |
| SCP 053 | Calcium | mg/L | 22 | |
| SCP 027b | Chloride | mg/L | 22.1 | |
| | * Europium | µg/L | 0.060 | |
| | * Erbium, Er | µg/L | <0.05 | |
| SCP 053 | Magnesium | mg/l | 14 | |
| | * Iodine | µg/L | <0.5 | |
| SCP 038 | * Lithium | µg/L | 25 | |
| SCP 027f | Nitrites | mg/L NO ₂ | <0.016 | 0.5 mg/L (Note B) |
| SCP 027g | Nitrates | mg/L NO ₃ | <1.11 | 50 mg/L |
| | * Palladium | µg/L | 0.8 | |
| | * Platinum | µg/L | <0.05 | |
| SCP 053 | Potassium | mg/L | 2 | |
| SCP 054 | Sodium | mg/L | 20 | |
| SCP 027A | Sulphate | mg/L | 2.88 | |
| | * Tantalum, Ta | µg/L | <0.5 | |
| | * Titanium, Ti | µg/L | 36 | |
| | Turbidity | NTU | 6.8 | |
| | * Uranium | µg/L | <5 | |
| | * Ytterbium, Yb | µg/L | <0.2 | |
| SCP 052 | pH | pH Unit | 6.4 | ≥6.5 - ≤ 9.5 pH Units (Note A) |
| | * Bicarbonate | mg/L | 72 | |
| SCP 027h | Alkalinity | mg/L as CaCO ₃ | 138 | |

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| OUR REF: 19-02592 -8576 | | (Rev 00) | | PAGE 03 04 | |
|-------------------------|--------------------|---------------------------|-----------------|--------------|--|
| Method: | Parameter: | Units | 19-02592 - 8576 | *** Limit | |
| SCP 027i | Total Hardness | mg/L as CaCO ₃ | 139 | | |
| SCP 038 | Iron | µg/L | 5073.6 | 200 µg/L | |
| | * Scandium | µg/L | 1.2 | | |
| | * Strontium | µg/L | 68.0 | | |
| SCP 038 | Aluminium | µg/L | 111.2 | | |
| SCP 038 | Antimony | µg/L | <1.0 | | |
| SCP 038 | Arsenic | µg/L | 1.4 | | |
| SCP 038 | Barium | µg/L | 31.6 | | |
| SCP 038 | Boron | µg/L | 4.7 | | |
| SCP 038 | Cadmium | µg/L | <0.45 | | |
| SCP 038 | Chromium | µg/L | <0.1 | | |
| SCP 038 | Cobalt | µg/L | 2.7 | | |
| SCP 038 | Copper | µg/L | <0.2 | | |
| SCP 038 | Lead | µg/L | <1.0 | | |
| SCP 038 | Mercury | µg/L | <0.5 | | |
| SCP 038 | Manganese | µg/L | 1592.6 | 50 µg/L | |
| SCP 038 | Molybdenum | µg/L | 0.9 | | |
| SCP 038 | Nickel | µg/L | 2.5 | | |
| SCP 038 | Selenium | µg/L | 0.38 | | |
| SCP 038 | * Tellurium | µg/L | <0.1 | | |
| SCP 038 | * Thallium | µg/L | <1.0 | | |
| SCP 038 | Zinc | µg/L | 5.3 | | |
| SCP 038 | * Vanadium | µg/L | <0.1 | | |
| SCP 038 | Tin, Sn | µg/L | <0.01 | | |
| **2510 B | * Dissolved Solids | mg/L | 171 | | |

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| Method: | Parameter: | Units | 19-02592 - 8576 | *** Limit |
|---------|----------------|-------|-----------------|-----------|
| | * Gallium | µg/L | 0.110 | |
| | * Germanium | µg/L | 1.400 | |
| | * Niobium | mg/L | <0.5 | |
| | * Indium | µg/L | <0.05 | |
| | * Caesium | µg/L | <0.5 | |
| | * Praseodymium | µg/L | <0.01 | |
| | * Neodymium | µg/L | <0.25 | |
| | * Samarium | µg/L | 0.01 | |
| | * Gadolinium | µg/L | 0.02 | |
| | * Terbium | µg/L | <0.05 | |
| | * Dysprosium | µg/L | <0.05 | |
| | * Holmium | µg/L | <0.05 | |
| | * Lutetium | µg/L | <0.05 | |
| | * Hafnium | µg/L | <0.05 | |
| | * Rhenium | µg/L | <0.05 | |
| | * Thorium | µg/L | <0.25 | |
| | * Thulium | µg/L | <0.25 | |

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