

## Analytical Report

|                                                                                         |                                                                    |                                                                                                                                                                |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bill To: City of Maple Ridge<br>11995 Haney Place<br>Maple Ridge, BC, Canada<br>V2X 6A9 | Project ID:<br>Project Name:<br>Project Location:<br>LSD:<br>P.O.: | Lot ID: <b>1800259</b><br>Control Number:<br>Date Received: Mar 11, 2025<br>Date Reported: Mar 17, 2025<br>Report Number: 3115214<br>Report Type: Final Report |
| Attn: Accounts Payable                                                                  | Proj. Acct. code:                                                  |                                                                                                                                                                |
| Sampled By:                                                                             |                                                                    |                                                                                                                                                                |
| Company:                                                                                |                                                                    |                                                                                                                                                                |

|                           |                                         |
|---------------------------|-----------------------------------------|
| <b>Reference Number</b>   | 1800259-3                               |
| <b>Sample Date</b>        | March 11, 2025                          |
| <b>Sample Time</b>        | 09:05                                   |
| <b>Sample Location</b>    |                                         |
| <b>Sample Description</b> | Whonnock Lake Community Centre / 8.1 °C |
| <b>Sample Matrix</b>      | Drinking Water                          |

| Analyte                                  |                       | Units        | Result   | Nominal Detection Limit | Guideline Limit   | Guideline Comments |
|------------------------------------------|-----------------------|--------------|----------|-------------------------|-------------------|--------------------|
| <b>Metals Extractable</b>                |                       |              |          |                         |                   |                    |
| Aluminum                                 | Extractable           | mg/L         | 0.001    | 0.001                   | 0.1 OG; 2.9 MAC   | Below OG           |
| Antimony                                 | Extractable           | mg/L         | <0.00002 | 0.00002                 | 0.006             | Below MAC          |
| Arsenic                                  | Extractable           | mg/L         | 0.0007   | 0.0001                  | 0.010             | Below MAC          |
| Barium                                   | Extractable           | mg/L         | <0.0001  | 0.0001                  | 2.0               | Below MAC          |
| Boron                                    | Extractable           | mg/L         | 0.009    | 0.002                   | 5                 | Below MAC          |
| Cadmium                                  | Extractable           | mg/L         | <0.00001 | 0.00001                 | 0.007             | Below MAC          |
| Chromium                                 | Extractable           | mg/L         | 0.00014  | 0.00005                 | 0.05              | Below MAC          |
| Copper                                   | Extractable           | mg/L         | 0.0020   | 0.0005                  | 1 AO; 2 MAC       | Below AO           |
| Lead                                     | Extractable           | mg/L         | 0.00025  | 0.00001                 | 0.005             | Below MAC          |
| Selenium                                 | Extractable           | mg/L         | <0.0002  | 0.0002                  | 0.05              | Below MAC          |
| Strontium                                | Extractable           | mg/L         | <0.0001  | 0.0001                  | 7.0               | Below MAC          |
| Uranium                                  | Extractable           | mg/L         | 0.00029  | 0.00001                 | 0.02              | Below MAC          |
| Vanadium                                 | Extractable           | mg/L         | 0.0014   | 0.00005                 |                   |                    |
| Zinc                                     | Extractable           | mg/L         | 0.0037   | 0.0005                  | 5.0               | Below AO           |
| <b>Microbiological Analysis</b>          |                       |              |          |                         |                   |                    |
| Total Coliforms                          | Enzyme Substrate Test | MPN/100 mL   | <1.0     | 1.0                     | 0 per 100 mL      | Below MAC          |
| Escherichia coli                         | Enzyme Substrate Test | MPN/100 mL   | <1.0     | 1.0                     | 0 per 100 mL      | Below MAC          |
| <b>Physical and Aggregate Properties</b> |                       |              |          |                         |                   |                    |
| Colour                                   | True                  | Colour units | <5       | 5                       |                   |                    |
| Turbidity                                |                       | NTU          | 0.20     | 0.1                     | 0.1/0.3/1.0 OG    |                    |
| <b>Routine Water</b>                     |                       |              |          |                         |                   |                    |
| pH                                       |                       |              | 7.68     | 0.01                    | 7.0-10.5          | Within Range       |
| pH - Holding Time                        |                       |              | Exceeded |                         |                   |                    |
| Temp. of observed pH                     |                       | °C           | 23.7     |                         |                   |                    |
| Electrical Conductivity                  | at 25 °C              | µS/cm        | 229      | 1                       |                   |                    |
| Calcium                                  | Extractable           | mg/L         | 0.02     | 0.01                    |                   |                    |
| Iron                                     | Extractable           | mg/L         | 0.013    | 0.004                   | 0.3               | Below AO           |
| Magnesium                                | Extractable           | mg/L         | <0.02    | 0.02                    |                   |                    |
| Manganese                                | Extractable           | mg/L         | <0.001   | 0.001                   | 0.02 AO; 0.12 MAC | Below AO           |
| Potassium                                | Extractable           | mg/L         | 0.12     | 0.04                    |                   |                    |
| Silicon                                  | Extractable           | mg/L         | 8.1      | 0.005                   |                   |                    |
| Sodium                                   | Extractable           | mg/L         | 52       | 0.1                     | 200               | Below AO           |
| T-Alkalinity                             | as CaCO3              | mg/L         | 99       | 5                       |                   |                    |
| Chloride                                 | Dissolved             | mg/L         | 14.0     | 0.05                    | 250               | Below AO           |
| Fluoride                                 | Dissolved             | mg/L         | 0.06     | 0.01                    | 1.5               | Below MAC          |
| Nitrate - N                              | Dissolved             | mg/L         | <0.01    | 0.01                    | 10                | Below MAC          |

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| Analyte                          |                                       | Units | Result | Nominal Detection Limit | Guideline Limit | Guideline Comments |
|----------------------------------|---------------------------------------|-------|--------|-------------------------|-----------------|--------------------|
| <b>Routine Water - Continued</b> |                                       |       |        |                         |                 |                    |
| Nitrite - N                      | Dissolved                             | mg/L  | <0.01  | 0.01                    | 1               | Below MAC          |
| Sulfate (SO <sub>4</sub> )       | Dissolved                             | mg/L  | 0.4    | 0.1                     | 500             | Below AO           |
| Hardness                         | as CaCO <sub>3</sub><br>(extractable) | mg/L  | <1.0   | 1                       |                 |                    |
| Total Dissolved Solids           | Extractable                           | mg/L  | 148    | 1                       | 500             | Below AO           |