



Burlington, WA Corporate Laboratory (a)  
1620 S Walnut St - Burlington, WA 98233 - 800.755.9295 • 360.757.1400

Bellingham, WA Microbiology (b)  
805 Orchard Dr Ste 4 - Bellingham, WA 98225 - 360.715.1212

Portland, OR Microbiology/Chemistry (c)  
9725 SW Commerce Cr Ste A2 - Wilsonville, OR 97070 - 503.682.7802

Corvallis, OR Microbiology/Chemistry (d)  
1100 NE Circle Blvd, Ste 130 - Corvallis, OR 97330 - 541.753.4946

Bend, OR Microbiology (e)  
20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425



## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: Hillsboro, City of  
150 E. Main Street  
Hillsboro, OR 97123

Reference Number: 23-24084  
Project: ASR Monitoring IOC - Rush

System Name:  
System ID Number:  
Source Number:  
Multiple Sources:  
Sample Type:  
Sample Purpose: Investigative or Other  
Sample Location: 1-JWC-FW  
County:

Sample Number: 14938  
Lab Number: 23\_47580  
Collect Date: 8/9/23 08:10  
Date Received: 8/9/23  
Report Date: 8/18/23  
Sampled By: JA  
Sampler Phone:  
Approved by: anp,bj  
Authorized by:

Thanh B Phan  
Lab Manager, Portland

| EPA# | ANALYTES                         | RESULTS       | UNITS     | LRL    | MCL          | Analyst | Lab Code* | METHOD      | Analyzed | COMMENT |
|------|----------------------------------|---------------|-----------|--------|--------------|---------|-----------|-------------|----------|---------|
|      | <b>Other</b>                     |               |           |        |              |         |           |             |          |         |
| 1067 | ALKALINITY                       | <b>26.0</b>   | mg CaCO3/ | 1.00   |              | tjl     | 4072 a    | SM2320 B    | 08/17/23 |         |
|      | <b>EPA Regulated</b>             |               |           |        |              |         |           |             |          |         |
| 1005 | ARSENIC                          | <b>ND</b>     | mg/L      | 0.001  | <b>0.010</b> | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1010 | BARIUM                           | <b>0.0037</b> | mg/L      | 0.001  | <b>2</b>     | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1015 | CADMIUM                          | <b>ND</b>     | mg/L      | 0.001  | <b>0.005</b> | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1020 | CHROMIUM                         | <b>ND</b>     | mg/L      | 0.001  | <b>0.1</b>   | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1035 | MERCURY                          | <b>ND</b>     | mg/L      | 0.0001 | <b>0.002</b> | tjb     | 4072 a    | 200.8       | 08/18/23 |         |
| 1045 | SELENIUM                         | <b>ND</b>     | mg/L      | 0.002  | <b>0.05</b>  | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1075 | BERYLLIUM                        | <b>ND</b>     | mg/L      | 0.0003 | <b>0.004</b> | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1036 | NICKEL                           | <b>ND</b>     | mg/L      | 0.001  |              | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1074 | ANTIMONY                         | <b>ND</b>     | mg/L      | 0.001  | <b>0.006</b> | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1085 | THALLIUM                         | <b>ND</b>     | mg/L      | 0.0001 | <b>0.002</b> | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1024 | CYANIDE, AVAILABLE               | <b>ND</b>     | mg/L      | 0.005  | <b>0.2</b>   | tjb     | 4072 a    | OIA-1677-DW | 08/11/23 |         |
| 1025 | FLUORIDE                         | <b>0.10</b>   | mg/L      | 0.10   | <b>4</b>     | jwn     | 4072 a    | 300.0       | 08/14/23 |         |
|      | <b>EPA Regulated (Secondary)</b> |               |           |        |              |         |           |             |          |         |
| 1028 | IRON                             | <b>ND</b>     | mg/L      | 0.050  | <b>0.3</b>   | bj      | 4072 a    | 200.7       | 08/10/23 |         |
| 1032 | MANGANESE                        | <b>ND</b>     | mg/L      | 0.001  | <b>0.05</b>  | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1050 | SILVER                           | <b>ND</b>     | mg/L      | 0.001  | <b>0.05</b>  | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1017 | CHLORIDE                         | <b>112</b>    | mg/L      | 0.1    | <b>250</b>   | jwn     | 4072 a    | 300.0       | 08/14/23 |         |
| 1095 | ZINC                             | <b>ND</b>     | mg/L      | 0.005  | <b>5.00</b>  | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1052 | SODIUM                           | <b>7.6</b>    | mg/L      | 1.0    |              | bj      | 4072 a    | 200.7       | 08/10/23 |         |
| 1915 | HARDNESS as Calcium Carbonate    | <b>25.1</b>   | mg/L      | 3.30   |              | bj      | 4072 a    | 200.7       | 08/10/23 |         |
|      | <b>State Unregulated</b>         |               |           |        |              |         |           |             |          |         |
| 1030 | LEAD                             | <b>ND</b>     | mg/L      | 0.001  | <b>0.015</b> | tjb     | 4072 a    | 200.8       | 08/14/23 |         |
| 1022 | COPPER                           | <b>ND</b>     | mg/L      | 0.005  | <b>1.3</b>   | tjb     | 4072 a    | 200.8       | 08/14/23 |         |

**NOTES:**

ND (Not Detected): indicates that the parameter was not detected above the Lower Reporting limit (LRL).

MCL (Maximum Contaminant Level) maximum permissible level of a contaminant in water established by EPA; Federal Action Levels are 0.015 mg/L for Lead and 1.3 mg/L for Copper. Sodium has a recommended limit of 20 mg/L. A blank MCL value indicates a level is not currently established.

\* Lab Code - lists the laboratory accreditation code plus a letter at the far right to indicate the Edge Analytical lab facility where the analyses was performed.

An \* in front of the parameter name indicates it is not NELAP accredited but it is accredited through WSDOH or USEPA Region 10.

These test results meet all the requirements of NELAP, unless otherwise stated in writing, and relate only to these samples. Estimates of uncertainty are not included in this report. If this information is required please contact us at the phone number listed in the report header.

**If you have any questions concerning this report contact us at the above phone number.**