

### DRINKING WATER SYSTEM ANNUAL REPORT

**Reporting Period:** January 1<sup>st</sup> to December 31<sup>st</sup>, (year)

**Water System**

**Water System Owner**

**Primary Contact Name** (Operator or Manager)

**Phone Number** (Operator or Manager)

**E-mail** (Operator or Manager)

### DESCRIBE YOUR WATER SUPPLY SYSTEM

**What is the Source(s) of Raw Water?**

☐ Deep Well      ☐ Shallow Well      ☐ Surface Water      ☐ Other

If other, specify details:

**Does the Drinking Water System have Primary Disinfection?**

☐ Yes      ☐ No

☐ Chlorination      ☐ Ultraviolet Light      ☐ Ozone      ☐ Other

If other, specify details:

**Does the Drinking Water System have Secondary Disinfection?**

☐ Yes      ☐ No

☐ Chlorination      ☐ Other

If other, specify details:

**Does the Drinking Water System have Filtration?**

☐ Yes      ☐ No

Check all boxes that apply

☐ Cartridge Filter(s)      ☐ Carbon Filter      ☐ Sand Filtration      ☐ Reverse Osmosis      ☐ Other

If other, specify details:

### PUBLIC REPORTING

**Emergency Response & Contingency Plan (ERCP)**

**Is your ERCP up to Date?** ☐ Yes      ☐ No

**How do you Inform the System Users of the ERCP?**

☐ Hand Delivered      ☐ Bulletin Board      ☐ Newspaper      ☐ Utility Bill Insert      ☐ Website

☐ Other (specify details) CVRD Engineering Services, 175 Ingram Street, Duncan, BC

**Drinking Water System Annual Report**

**How do you Inform the System Users of the Annual Report?**

☐ Hand Delivered      ☐ Bulletin Board      ☐ Newspaper      ☐ Utility Bill Insert      ☐ Website

☐ Other (specify details)

### COMPLIANCE WITH OPERATING PERMIT

**List the conditions of your Operating Permit (Contact the DWO for a copy if needed):**

**Are you in compliance with your Operating Permit?**

☐ Yes

☐ No

### BACTERIOLOGICAL TESTING AND DRINKING WATER PROTECTION REGULATION WATER QUALITY STANDARDS

**How many bacteriological samples were collected during this reporting period?**

**What is the minimum required sampling frequency for this system? (#samples/month)**

Additional sampling details:

**Was the minimum required sampling frequency achieved?**

☐ Yes

☐ No

Comments:

**Bacteriological summary attached to this report?**

☐ Yes

☐ No

**If no, how do the users of the system view the results?**

### WATER QUALITY STANDARDS FOR POTABLE WATER

| Parameter:  | Standard:  | Did this system meet standard? |                             |
|---|--|--------------------------------|-----------------------------|
| Escherichia coli<br>(for all samples)   | No detectable <i>Escherichia coli</i> per 100ml  | <input type="checkbox"/> Yes   | <input type="checkbox"/> No |
| Total Coliform Bacteria<br>(if only 1 sample collected in a 30 day period)      | No detectable total coliform bacteria per 100ml  | <input type="checkbox"/> Yes   | <input type="checkbox"/> No |
| Total Coliform Bacteria<br>(if more than 1 sample collected in a 30 day period) | No more than 10% of samples contain total coliform bacteria, <b>and</b> No sample has more than 10 total coliform bacteria per 100ml | <input type="checkbox"/> Yes   | <input type="checkbox"/> No |

**If the system did not meet any of above Drinking Water Protection Regulation standards, record the results in the table below; attach additional sheets if necessary.**

| Date | TC/100ml | E.coli/100ml | Reason | Corrective Action |
|------|----------|--------------|--------|-------------------|
|      |          |              |        |                   |
|      |          |              |        |                   |
|      |          |              |        |                   |
|      |          |              |        |                   |
|      |          |              |        |                   |

## CHEMICAL SAMPLING COMPLETED DURING THIS REPORTING PERIOD

**Was any chemical sampling conducted during reporting period?** ☐ Yes ☐ No

**If no, when were the last chemical samples conducted for this system? (date)** ☐ Don't know

**If yes, attach a list of the chemical results**

**If any water samples did not meet the Guidelines for Canadian Drinking Water Quality, record the results in the table below; attach additional sheets if necessary.**

**Next scheduled full chemical test (date)**

| Parameter | Result | Corrective Action / Treatment / Comments |
|-----------|--------|--|
|           |        |  |
|           |        |  |
|           |        |  |
|           |        |  |

## ADDITIONAL TESTING

**Does the system have analyzers for continuous monitoring?** ☐ Yes ☐ No

**If yes, check all boxes that apply:**

☐ Chlorine ☐ Turbidity ☐ Other (details)

**Are the results available on request?**

**If any additional testing or sampling was conducted, record results in the table below; attach additional sheets if necessary.**

| Additional Testing & Reason for Sampling | Corrective Action Taken |
|--|-------------------------|
|  |                         |
|  |                         |
|  |                         |

## WATER QUALITY COMPLAINTS

**Were there any water quality complaints in this reporting period? (e.g. taste, odour, colour etc.)** ☐ Yes ☐ No

**If yes, complete the table below; attach additional sheets if necessary.**

| Date | Water Quality Complaint | Corrective Action / Treatment |
|------|-------------------------|-------------------------------|
|      |                         |                               |
|      |                         |                               |
|      |                         |                               |

### OPERATIONAL PROBLEMS

**Were there any operational problems during this reporting period? (e.g. insufficient water supply, malfunction of disinfection equipment, line breaks, elevated turbidity etc.).**

☐ Yes

☐ No

**If yes, complete the table below; attach additional sheets if necessary.**

| Incident Date | Type of Operational Problem | Corrective Action Taken |
|---------------|-----------------------------|-------------------------|
|               |                             |                         |
|               |                             |                         |
|               |                             |                         |

### MAJOR UPGRADES/REPAIRS & EXPENSES

**Were there any major upgrades/repairs or any major costs incurred during this reporting period?**

☐ Yes

☐ No

**If yes, complete the table below; attach additional sheets if necessary.**

| Major Upgrades/Expenses           | Details |
|-----------------------------------|---------|
| Improvements required by DWO      |         |
| Additions/changes to system       |         |
| Purchase or install new equipment |         |
| Equipment repair or replacement   |         |
| Annual maintenance of system      |         |
| Specialist report                 |         |
| Other                             |         |

### FUTURE IMPROVEMENTS

**Are there any plans for future improvements?**

☐ Yes

☐ No

**If yes, complete the table below; attach additional sheets if necessary.**

| Future Upgrades or Improvements | Estimated Date of Completion |
|---------------------------------|------------------------------|
|                                 |                              |
|                                 |                              |

**Click here to enter a date.**

**DATE COMPLETED:**

**COMPLETED BY:**



LAMBOURNE ESTATES WATER SYSTEM

| Facility Location                                       | Facility Information |              |
|---|----------------------|--------------|
| Lanes Road<br>Duncan,<br>Sutherland & Cherry Point Road | Facility Type        | 15-300 (DWC) |

Facility Sampling History

| Location   | Date        | Total Coliform | E. Coli |
|--|-------------|----------------|---------|
| S-2 4533 Lanes Road, 4533 Lanes                                    | 15-Dec-2020 | LT1            | LT1     |
| S-1 Chestnut Street- Reservoir, Reservoir                          | 8-Dec-2020  | LT1            | LT1     |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive | 30-Nov-2020 | 1              | LT1     |
| S-3 Sample Port inside treatment building, Treatment Building      | 24-Nov-2020 | LT1            | LT1     |
| S-2 4533 Lanes Road, 4533 Lanes                                    | 17-Nov-2020 | LT1            | LT1     |
| S-1 Chestnut Street- Reservoir, Reservoir                          | 9-Nov-2020  | LT1            | LT1     |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive | 3-Nov-2020  | LT1            | LT1     |
| S-1 Chestnut Street- Reservoir, Reservoir                          | 28-Oct-2020 | LT1            | LT1     |
| S-2 4533 Lanes Road, 4533 Lanes                                    | 19-Oct-2020 | LT1            | LT1     |
| S-3 Sample Port inside treatment building, Treatment Building      | 14-Oct-2020 | LT1            | LT1     |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive | 6-Oct-2020  | LT1            | LT1     |
| S-1 Chestnut Street- Reservoir, Reservoir                          | 29-Sep-2020 | LT1            | LT1     |
| S-2 4533 Lanes Road, 4533 Lanes                                    | 22-Sep-2020 | LT1            | LT1     |
| S-3 Sample Port inside treatment building, Treatment Building      | 15-Sep-2020 | LT1            | LT1     |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive | 9-Sep-2020  | LT1            | LT1     |
| S-1 Chestnut Street- Reservoir, Reservoir                          | 1-Sep-2020  | LT1            | LT1     |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive | 25-Aug-2020 | LT1            | LT1     |
| S-3 Sample Port inside treatment building, Treatment Building      | 19-Aug-2020 | LT1            | LT1     |
| S-2 4533 Lanes Road, 4533 Lanes                                    | 11-Aug-2020 | LT1            | LT1     |
| S-1 Chestnut Street- Reservoir, Reservoir                          | 4-Aug-2020  | LT1            | LT1     |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive | 28-Jul-2020 | LT1            | LT1     |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive | 21-Jul-2020 | LT1            | LT1     |



|  |             |     |     |
|--|-------------|-----|-----|
| S-2 4533 Lanes Road, 4533 Lanes  | 14-Jul-2020 | LT1 | LT1 |
| S-3 Sample Port inside treatment building, Treatment Building              | 7-Jul-2020  | LT1 | LT1 |
| S-1 Chestnut Street- Reservoir, Reservoir                                  | 29-Jun-2020 | LT1 | LT1 |
| S-2 4533 Lanes Road, 4533 Lanes  | 23-Jun-2020 | LT1 | LT1 |
| S-3 Sample Port inside treatment building, Treatment Building              | 16-Jun-2020 | LT1 | LT1 |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive         | 9-Jun-2020  | LT1 | LT1 |
| S-1 Chestnut Street- Reservoir, Reservoir                                  | 1-Jun-2020  | LT1 | LT1 |
| S-2 4533 Lanes Road, 4533 Lanes  | 26-May-2020 | LT1 | LT1 |
| S-3 Sample Port inside treatment building, Treatment Building              | 20-May-2020 | LT1 | LT1 |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive         | 12-May-2020 | LT1 | LT1 |
| S-1 Chestnut Street- Reservoir, Reservoir                                  | 5-May-2020  | LT1 | LT1 |
| S-2 4533 Lanes Road, 4533 Lanes  | 28-Apr-2020 | LT1 | LT1 |
| S-3 Sample Port inside treatment building, Treatment Building              | 21-Apr-2020 | LT1 | LT1 |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive         | 15-Apr-2020 | LT1 | LT1 |
| S-1 Chestnut Street- Reservoir, Reservoir                                  | 7-Apr-2020  | LT1 | LT1 |
| S-2 4533 Lanes Road, 4533 Lanes  | 30-Mar-2020 | LT1 | LT1 |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive         | 24-Mar-2020 | LT1 | LT1 |
| S-3 Sample Port inside treatment building, Treatment Building              | 17-Mar-2020 | LT1 | LT1 |
| S-1 Chestnut Street- Reservoir, Reservoir                                  | 2-Mar-2020  | LT1 | LT1 |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive         | 25-Feb-2020 | LT1 | LT1 |
| S-3 Sample Port inside treatment building, Treatment Building              | 19-Feb-2020 | LT1 | LT1 |
| S-2 4533 Lanes Road, 4533 Lanes  | 11-Feb-2020 | LT1 | LT1 |
| S-1 Chestnut Street- Reservoir, Reservoir                                  | 4-Feb-2020  | LT1 | LT1 |
| S-4 Across 1221 Sutherland Drive, S-4 Across 1221 Sutherland Drive         | 28-Jan-2020 | LT1 | LT1 |
| S-3 Sample Port inside treatment building, Treatment Building              | 20-Jan-2020 | L1  | LT1 |
| S - 2 Water Treatment Building, Lambourn WS - S-2 Water Treatment Building | 14-Jan-2020 | L1  | L1  |
| S-1 Chestnut Street- Reservoir, Reservoir                                  | 7-Jan-2020  | L1  | L1  |

| Alkalinity (total, as CaCO <sub>3</sub> ) |                | Sampling Point Name | Criteria |                            |
|---|----------------|---------------------|----------|----------------------------|
| 12/15/2020                                | 136 mg/L       | Well #3             |          |                            |
| 12/15/2020                                | 139 mg/L       | Well #4             |          |                            |
| Aluminum (total)                          |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | < 0.005 mg/L   | Well #3             | <=0.1    | Operational - Conventional |
| 12/15/2020                                | < 0.005 mg/L   | Well #4             | <=0.1    | Operational - Conventional |
| Ammonia (total, as N)                     |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | 0.31 mg/L      | Well #3             |          |                            |
| 12/15/2020                                | 0.58 mg/L      | Well #4             |          |                            |
| Antimony (total)                          |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | < 0.0005 mg/L  | Well #3             | <=0.006  | MAC                        |
| 12/15/2020                                | < 0.0005 mg/L  | Well #4             | <=0.006  | MAC                        |
| Arsenic (total)                           |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | 0.0004 mg/L    | Well #3             | <=0.010  | MAC                        |
| 12/15/2020                                | 0.0002 mg/L    | Well #4             | <=0.010  | MAC                        |
| Barium (total)                            |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | 0.0220 mg/L    | Well #3             | <=2.0    | MAC                        |
| 12/15/2020                                | 0.0209 mg/L    | Well #4             | <=2.0    | MAC                        |
| Beryllium (total)                         |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | < 0.00005 mg/L | Well #3             |          |                            |
| 12/15/2020                                | < 0.00005 mg/L | Well #4             |          |                            |
| Boron (total)                             |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | 0.019 mg/L     | Well #3             | <=5      | MAC                        |
| 12/15/2020                                | 0.023 mg/L     | Well #4             | <=5      | MAC                        |
| Bromide                                   |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | < 0.05 mg/L    | Well #3             |          |                            |
| 12/15/2020                                | < 0.05 mg/L    | Well #4             |          |                            |
| Cadmium (total)                           |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | < 0.00001 mg/L | Well #3             | <=0.005  | MAC                        |
| 12/15/2020                                | < 0.00001 mg/L | Well #4             | <=0.005  | MAC                        |
| Calcium (total)                           |                | Sampling Point Name | Criteria |                            |
| 12/15/2020                                | 33.3 mg/L      | Well #3             |          |                            |

|  |                  |                            |                 |                          |
|--|------------------|----------------------------|-----------------|--------------------------|
| <b>Calcium (total)</b>                             |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | 31.6 mg/L        | Well #4                    |                 |                          |
| <b>Chloride</b>                                    |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | 8.00 mg/L        | Well #3                    | <=250           | AO                       |
| 12/15/2020   | 6.21 mg/L        | Well #4                    | <=250           | AO                       |
| <b>Chromium (total)</b>                            |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | < 0.0005 mg/L    | Well #3                    | <=0.05          | MAC                      |
| 12/15/2020   | < 0.0005 mg/L    | Well #4                    | <=0.05          | MAC                      |
| <b>Cobalt (total)</b>                              |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | < 0.00005 mg/L   | Well #3                    |                 |                          |
| 12/15/2020   | < 0.00005 mg/L   | Well #4                    |                 |                          |
| <b>Colour</b>                                      |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | < 5 TCU          | Well #3                    | <=15            | AO                       |
| 12/15/2020   | 7 TCU            | Well #4                    | <=15            | AO                       |
| <b>Conductivity</b>                                |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | 310 uS/cm        | Well #3                    |                 |                          |
| 12/15/2020   | 301 uS/cm        | Well #4                    |                 |                          |
| <b>Copper (total)</b>                              |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | 0.0010 mg/L      | Well #3                    | <=1.0           | AO                       |
| 12/15/2020   | 0.0006 mg/L      | Well #4                    | <=1.0           | AO                       |
| <b>Escherichia coli / E. coli (counts)</b>         |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | < 1 counts/100ml | Well #3                    | <=0, P          | Microbiological Standard |
| 12/15/2020   | < 1 counts/100ml | Well #4                    | <=0, P          | Microbiological Standard |
| <b>Fecal (thermal tolerant) Coliforms (counts)</b> |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | < 1 counts/100ml | Well #3                    | <=0, OG         | Microbiological Standard |
| 12/15/2020   | < 1 counts/100ml | Well #4                    | <=0, OG         | Microbiological Standard |
| <b>Fluoride</b>                                    |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | 0.11 mg/L        | Well #3                    | <=1.5           | MAC                      |
| 12/15/2020   | 0.13 mg/L        | Well #4                    | <=1.5           | MAC                      |
| <b>Hardness (total, as CaCO3)</b>                  |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |                          |
| 12/15/2020   | 143 mg/L         | Well #3                    |                 |                          |



|  |                 |                            |                 |              |
|--|-----------------|----------------------------|-----------------|--------------|
| <b>Hardness (total, as CaCO3)</b>      |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | 132 mg/L        | Well #4                    |                 |              |
| <b>Heterotrophic Plate Count / HPC</b> |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | 200 CFU/100ml   | Well #3                    | <=500           | User-Defined |
| 12/15/2020                             | < 200 CFU/100ml | Well #4                    | <=500           | User-Defined |
| <b>Hydroxide (as OH)</b>               |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | < 1 mg/L        | Well #3                    |                 |              |
| 12/15/2020                             | < 1 mg/L        | Well #4                    |                 |              |
| <b>Iron (total)</b>                    |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | 0.23 mg/L       | Well #3                    | <=0.3           | AO           |
| 12/15/2020                             | 0.18 mg/L       | Well #4                    | <=0.3           | AO           |
| <b>Iron Bacteria (counts)</b>          |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | < 1 CFU/ml      | Well #3                    |                 |              |
| 12/15/2020                             | < 1 CFU/ml      | Well #4                    |                 |              |
| <b>Langelier Index</b>                 |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | 0.05            | Well #3                    |                 |              |
| 12/15/2020                             | 0.09            | Well #4                    |                 |              |
| <b>Lead (total)</b>                    |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | < 0.00005 mg/L  | Well #3                    | <=0.005         | MAC          |
| 12/15/2020                             | 0.00021 mg/L    | Well #4                    | <=0.005         | MAC          |
| <b>Lithium (total)</b>                 |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | < 0.0005 mg/L   | Well #3                    |                 |              |
| 12/15/2020                             | < 0.0005 mg/L   | Well #4                    |                 |              |
| <b>Magnesium (total)</b>               |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | 14.5 mg/L       | Well #3                    |                 |              |
| 12/15/2020                             | 12.9 mg/L       | Well #4                    |                 |              |
| <b>Manganese (total)</b>               |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| * 12/15/2020                           | 0.176 mg/L      | Well #3                    | <=0.12          | MAC          |
| 12/15/2020                             | 0.109 mg/L      | Well #4                    | <=0.12          | MAC          |
| <b>Mercury (total)</b>                 |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | < 0.00001 mg/L  | Well #3                    | <=0.001         | MAC          |
| 12/15/2020                             | < 0.00001 mg/L  | Well #4                    | <=0.001         | MAC          |
| <b>Molybdenum (total)</b>              |                 | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                             | 0.0009 mg/L     | Well #3                    |                 |              |

|                                  |               |                            |                 |     |
|----------------------------------|---------------|----------------------------|-----------------|-----|
| <b>Molybdenum (total)</b>        |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | 0.0008 mg/L   | Well #4                    |                 |     |
| <b>Nickel (total)</b>            |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | < 0.0005 mg/L | Well #3                    |                 |     |
| 12/15/2020                       | < 0.0005 mg/L | Well #4                    |                 |     |
| <b>Nitrate (as N)</b>            |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | 0.007 mg/L    | Well #3                    | <=10            | MAC |
| 12/15/2020                       | < 0.005 mg/L  | Well #4                    | <=10            | MAC |
| <b>Nitrite (as N)</b>            |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | < 0.005 mg/L  | Well #3                    | <=1             | MAC |
| 12/15/2020                       | < 0.005 mg/L  | Well #4                    | <=1             | MAC |
| <b>pH</b>                        |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | 8.00 %        | Well #3                    |                 |     |
| 12/15/2020                       | 8.03 %        | Well #4                    |                 |     |
| <b>Potassium (total)</b>         |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | 1.7 mg/L      | Well #3                    |                 |     |
| 12/15/2020                       | 1.8 mg/L      | Well #4                    |                 |     |
| <b>Selenium (total)</b>          |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | < 0.0005 mg/L | Well #3                    | <=0.05          | MAC |
| 12/15/2020                       | < 0.0005 mg/L | Well #4                    | <=0.05          | MAC |
| <b>Silver (total)</b>            |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | < 0.0001 mg/L | Well #3                    |                 |     |
| 12/15/2020                       | < 0.0001 mg/L | Well #4                    |                 |     |
| <b>Sodium (total)</b>            |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | 9.1 mg/L      | Well #3                    | <=200           | AO  |
| 12/15/2020                       | 10.8 mg/L     | Well #4                    | <=200           | AO  |
| <b>Strontium (total)</b>         |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | 0.143 mg/L    | Well #3                    |                 |     |
| 12/15/2020                       | 0.147 mg/L    | Well #4                    |                 |     |
| <b>Sulfate Reducing Bacteria</b> |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | < 1 CFU/ml    | Well #3                    |                 |     |
| 12/15/2020                       | < 1 CFU/ml    | Well #4                    |                 |     |
| <b>Sulphate</b>                  |               | <b>Sampling Point Name</b> | <b>Criteria</b> |     |
| 12/15/2020                       | 18.4 mg/L     | Well #3                    | <=500           | AO  |

|                                      |                  |                            |                 |              |
|--------------------------------------|------------------|----------------------------|-----------------|--------------|
| <b>Sulphate</b>                      |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 12.4 mg/L        | Well #4                    | <=500           | AO           |
| <b>Sulphide (total, as S)</b>        |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 0.02 mg/L        | Well #3                    |                 |              |
| 12/15/2020                           | 0.03 mg/L        | Well #4                    |                 |              |
| <b>Tannins and Lignins</b>           |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 0.1 mg/L         | Well #3                    |                 |              |
| 12/15/2020                           | 0.2 mg/L         | Well #4                    |                 |              |
| <b>Thallium (total)</b>              |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | < 0.00002 mg/L   | Well #3                    |                 |              |
| 12/15/2020                           | < 0.00002 mg/L   | Well #4                    |                 |              |
| <b>Tin (total)</b>                   |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | < 0.00005 mg/L   | Well #3                    |                 |              |
| 12/15/2020                           | < 0.00005 mg/L   | Well #4                    |                 |              |
| <b>Titanium (total)</b>              |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 0.001 mg/L       | Well #3                    |                 |              |
| 12/15/2020                           | 0.002 mg/L       | Well #4                    |                 |              |
| <b>Total Coliforms (counts)</b>      |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | < 1 counts/100ml | Well #3                    | <=0, OG         | User-Defined |
| 12/15/2020                           | < 1 counts/100ml | Well #4                    | <=0, OG         | User-Defined |
| <b>Total Dissolved Solids / TDS</b>  |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 160 mg/L         | Well #3                    | <=500           | AO           |
| 12/15/2020                           | 180 mg/L         | Well #4                    | <=500           | AO           |
| <b>Total Kjeldahl Nitrogen / TKN</b> |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 0.19 mg/L        | Well #3                    |                 |              |
| 12/15/2020                           | 0.39 mg/L        | Well #4                    |                 |              |
| <b>Total Organic Carbon / TOC</b>    |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | < 0.5 mg/L       | Well #3                    |                 |              |
| 12/15/2020                           | 0.8 mg/L         | Well #4                    |                 |              |
| <b>Tungsten (total)</b>              |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 0.0001 mg/L      | Well #3                    |                 |              |
| 12/15/2020                           | 0.0002 mg/L      | Well #4                    |                 |              |
| <b>Turbidity</b>                     |                  | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020                           | 0.4 NTU          | Well #3                    | <=5             | User-Defined |

| <b>Turbidity</b>        |                | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
|-------------------------|----------------|----------------------------|-----------------|--------------|
| 12/15/2020              | 0.5 NTU        | Well #4                    | <=5             | User-Defined |
| <b>Uranium (total)</b>  |                | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020              | < 0.00001 mg/L | Well #3                    | <=0.02          | MAC          |
| 12/15/2020              | < 0.00001 mg/L | Well #4                    | <=0.02          | MAC          |
| <b>Vanadium (total)</b> |                | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020              | < 0.001 mg/L   | Well #3                    |                 |              |
| 12/15/2020              | < 0.001 mg/L   | Well #4                    |                 |              |
| <b>Zinc (total)</b>     |                | <b>Sampling Point Name</b> | <b>Criteria</b> |              |
| 12/15/2020              | < 0.005 mg/L   | Well #3                    | <=5             | AO           |
| 12/15/2020              | < 0.005 mg/L   | Well #4                    | <=5             | AO           |

**Result Legend:**

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,  
 TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

< means less than lower detection limit shown  
 > means greater than upper detection limit shown  
 « means detected & less than number shown  
 » means detected & greater than number shown

\* Indicates Criteria is exceeded