



Arbutus Ridge Estates Water System Annual Report

Reporting Period:	January 1 – December 31, 2017
Operating Permit Number:	DSAL-84FPLL
Drinking Water System Owner:	Cowichan Valley Regional District
Drinking Water System Contact:	
Name:	<u>Brian Dennison</u>
Phone No.:	<u>250-746-2532</u>
Email:	<u>bdennison@cvrd.bc.ca</u>

1. Microbiological testing completed during this reporting period:

- a. Bacteriological results attached to this report.
- b. Adverse bacteriological results: None detected
 Listed in table below:

Adverse Results

Date	Total Coliform	E. Coli	Reason	Corrective Action

2. Chemical results for this reporting period:

- a. Most recent chemical analysis attached to this report.
- b. chemical parameters listed in *The Guidelines for Canadian Drinking Water Quality* (“the Guidelines”) are:
 - all within the GCDWQ
 - above the GCDWQ and are listed below:

Parameters above the Guidelines:

Parameter	Result	Max. Acceptable Concentration	Aesthetic Objective	Treatment/Corrective Action



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3. Summarize additional testing and sampling carried out in accordance with the requirement of a Water Source approval, Written Order or as per the conditions of your *Operating Permit*.

- no additional testing
- additional testing listed below:

Additional testing:

Description of parameter & reason for sampling	Health parameter or non-health parameter	Corrective action necessary (y/n?)	Corrective Action Taken

4. Water Quality Complaints:

During the course of the year, the water system:

- did not receive water quality complaints (ie. taste, odour, colour, etc.)
- received water quality complaints and are listed below:

Water Quality Complaints:

Date	Water Quality Complaint	Corrective action taken
14/09/2017	Chlorine smell/taste	Investigated, and Owner notified
24/11/2017	Bad taste	Investigated, and Owner notified

5. Adverse results: total number of adverse results during this reporting period for insufficient water supply, malfunction of disinfection equipment or elevated turbidity:

- No adverse results
- Adverse results listed below

Incident Date	Corrective Action	Corrected by



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6. Description of the system:

Sources of raw water:

- Groundwater
- Surface water
- Other

Does the drinking water system have disinfection? Yes No

Disinfection methods (check applicable boxes)

- Chlorination
- Ultraviolet light
- Ozonation
- Other (specify)

Does the drinking water system have treatment? Yes No

Treatment type (check applicable boxes):

- Particulate cartridge filters
- Membrane filtration
- Carbon filter
- Sand filtration
- Reverse Osmosis
- Other (specify) _____

7. Major expenses incurred during the period covered by the report:

To purchase or install required equipment: Rebuilt Uplands Booster Station

To repair equipment: _____

To replace equipment: _____

To complete annual maintenance of system (*system flushing, replacement of carbon filters, etc.*): Flushing system, hydrant maintenance, genset serviced, backflow testing

To complete specialist report (specify): _____

8. Further communication with users:

a. Indicate how you notified system users that your annual report is available, and is free of charge:

- hand delivered
- public access/notice via web
- public access/notice via government office
- public access/notice via newspaper
- public access/notice via bill stuffer
- public access/notice via other method (specify)



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b. Improvements or remedial actions required by the Drinking Water Officer

- no action required
- Drinking Water Officer inspection report attached to report
- actions required by Drinking Water Officer listed below:

Improvements/Remedial Actions:

Required Action	Completion Date

c. Future water system improvements:

- no improvements planned
- improvements listed below:

Future Improvements:

Future Plans	Planned Completion Date
Rebuild Suction Header out of Reservoir	2018
Loop the Uplands water main	2018
Fire Underwriters Survey update registration	2018

d. Emergency Response Plan can be accessed by:

- posting on web
- posting at nearest government office
- contacting water system owner
- other (specify) CVRD Engineering Services, 175 Ingram Street, Duncan, BC



ARBUTUS RIDGE RETIREMENT VILLAGE

Facility Location:

600 Fairways Place
Cobble Hill

Facility Information:

Facility Type: 301-10000 (DWT)

Facility Sampling History:

Location	Date	Total Coliform	E.Coli
S-2 Clubhouse-EOL, S-2 Turf Valve	11-Dec-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	11-Dec-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	4-Dec-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	28-Nov-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	28-Nov-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	20-Nov-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	14-Nov-2017	T	
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	14-Nov-2017	T	
S-2 Clubhouse-EOL, S-2 Turf Valve	8-Nov-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	30-Oct-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	24-Oct-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	24-Oct-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	16-Oct-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	10-Oct-2017	L1	L1



S-5 3540 Ocean View Crescent, S-5 PRV chamber	10-Oct-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	2-Oct-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	25-Sep-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	25-Sep-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	18-Sep-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	11-Sep-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	5-Sep-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	5-Sep-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	29-Aug-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	22-Aug-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	22-Aug-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	14-Aug-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	14-Aug-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	1-Aug-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	25-Jul-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	25-Jul-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	17-Jul-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	10-Jul-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	10-Jul-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	4-Jul-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	27-Jun-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	20-Jun-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	13-Jun-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	13-Jun-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	5-Jun-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	5-Jun-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	29-May-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	29-May-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	24-May-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	15-May-2017	L1	L1



S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	15-May-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	9-May-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	2-May-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	25-Apr-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	19-Apr-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	11-Apr-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	11-Apr-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	4-Apr-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	27-Mar-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	27-Mar-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	21-Mar-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	21-Mar-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	14-Mar-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	7-Mar-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	7-Mar-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	28-Feb-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	20-Feb-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	20-Feb-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	14-Feb-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	7-Feb-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	7-Feb-2017	L1	L1
S-1-Country Club Parkway, S-1 Uplands Booster Station -Spigot	30-Jan-2017	L1	L1
S-6 Reservoir Site, S-6 Spigot on reservoir outlet	24-Jan-2017	L1	L1
S-3 3420 Arbutus Drive South, S-3 Turf Valve At EOL	18-Jan-2017	L1	L1
S-4 3658 Marine View -PRV Chamber, S-4 PRV Chamber	18-Jan-2017	L1	L1
S-2 Clubhouse-EOL, S-2 Turf Valve	9-Jan-2017	L1	L1
S-5 3540 Ocean View Crescent, S-5 PRV chamber	9-Jan-2017	L1	L1

INORGANIC

Aluminum (total)		Sampling Point Name
08/22/2017 09:30	< 0.010 mg/L	Well #5
08/22/2017 09:15	< 0.010 mg/L	Well #6
08/22/2017 10:00	< 0.010 mg/L	Well #7
Ammonia (total, as N)		Sampling Point Name
08/22/2017 09:30	< 0.013 mg/L	Well #5
08/22/2017 09:15	< 0.0050 mg/L	Well #6
08/22/2017 10:00	< 0.0050 mg/L	Well #7
Antimony (total)		Sampling Point Name
08/22/2017 09:30	< 0.00050 mg/L	Well #5
08/22/2017 09:15	< 0.00050 mg/L	Well #6
08/22/2017 10:00	< 0.00050 mg/L	Well #7
Arsenic (total)		Sampling Point Name
08/22/2017 09:30	0.00274 mg/L	Well #5
08/22/2017 09:15	0.00259 mg/L	Well #6
08/22/2017 10:00	0.00279 mg/L	Well #7
Barium (total)		Sampling Point Name
08/22/2017 09:30	< 0.010 mg/L	Well #5
08/22/2017 09:15	< 0.010 mg/L	Well #6
08/22/2017 10:00	< 0.010 mg/L	Well #7
Beryllium (total)		Sampling Point Name
08/22/2017 09:30	< 0.0050 mg/L	Well #5
08/22/2017 09:15	< 0.0050 mg/L	Well #6
08/22/2017 10:00	< 0.0050 mg/L	Well #7
Bismuth (total)		Sampling Point Name
08/22/2017 09:30	< 0.20 mg/L	Well #5
08/22/2017 09:15	< 0.20 mg/L	Well #6
08/22/2017 10:00	< 0.20 mg/L	Well #7
Boron (total)		Sampling Point Name
08/22/2017 09:30	< 0.10 mg/L	Well #5
08/22/2017 09:15	< 0.10 mg/L	Well #6
08/22/2017 10:00	< 0.10 mg/L	Well #7
Bromide		Sampling Point Name
08/22/2017 09:30	< 0.050 mg/L	Well #5

Bromide		Sampling Point Name
08/22/2017 09:15	< 0.050 mg/L	Well #6
08/22/2017 10:00	< 0.050 mg/L	Well #7
Cadmium (total)		Sampling Point Name
08/22/2017 09:30	< 0.00020 mg/L	Well #5
08/22/2017 09:15	< 0.00020 mg/L	Well #6
08/22/2017 10:00	< 0.00020 mg/L	Well #7
Calcium (total)		Sampling Point Name
08/22/2017 09:30	18.7 mg/L	Well #5
08/22/2017 09:15	15.9 mg/L	Well #6
08/22/2017 10:00	16.2 mg/L	Well #7
Chloride		Sampling Point Name
08/22/2017 09:30	3.82 mg/L	Well #5
08/22/2017 09:15	4.21 mg/L	Well #6
08/22/2017 10:00	5.90 mg/L	Well #7
Chromium (total)		Sampling Point Name
08/22/2017 09:30	0.0037 mg/L	Well #5
08/22/2017 09:15	0.0049 mg/L	Well #6
08/22/2017 10:00	0.0053 mg/L	Well #7
Cobalt (total)		Sampling Point Name
08/22/2017 09:30	< 0.010 mg/L	Well #5
08/22/2017 09:15	< 0.010 mg/L	Well #6
08/22/2017 10:00	< 0.010 mg/L	Well #7
Copper (total)		Sampling Point Name
08/22/2017 09:30	0.0020 mg/L	Well #5
08/22/2017 09:15	0.0011 mg/L	Well #6
08/22/2017 10:00	< 0.0010 mg/L	Well #7
Fluoride		Sampling Point Name
08/22/2017 09:30	0.048 mg/L	Well #5
08/22/2017 09:15	0.051 mg/L	Well #6
08/22/2017 10:00	0.047 mg/L	Well #7
Iron (total)		Sampling Point Name
08/22/2017 09:30	< 0.030 mg/L	Well #5
08/22/2017 09:15	< 0.030 mg/L	Well #6
08/22/2017 10:00	< 0.030 mg/L	Well #7

Lead (total)		Sampling Point Name
08/22/2017 09:30	< 0.00050 mg/L	Well #5
08/22/2017 09:15	< 0.00050 mg/L	Well #6
08/22/2017 10:00	< 0.00050 mg/L	Well #7
Lithium (total)		Sampling Point Name
08/22/2017 09:30	< 0.010 mg/L	Well #5
08/22/2017 09:15	< 0.010 mg/L	Well #6
08/22/2017 10:00	< 0.010 mg/L	Well #7
Magnesium (total)		Sampling Point Name
08/22/2017 09:30	6.81 mg/L	Well #5
08/22/2017 09:15	6.61 mg/L	Well #6
08/22/2017 10:00	6.77 mg/L	Well #7
Manganese (total)		Sampling Point Name
08/22/2017 09:30	< 0.0020 mg/L	Well #5
08/22/2017 09:15	< 0.0020 mg/L	Well #6
08/22/2017 10:00	< 0.0020 mg/L	Well #7
Mercury (total)		Sampling Point Name
08/22/2017 09:30	< 0.00020 mg/L	Well #5
08/22/2017 09:15	< 0.00020 mg/L	Well #6
08/22/2017 10:00	< 0.00020 mg/L	Well #7
Molybdenum (total)		Sampling Point Name
08/22/2017 09:30	< 0.030 mg/L	Well #5
08/22/2017 09:15	< 0.030 mg/L	Well #6
08/22/2017 10:00	< 0.030 mg/L	Well #7
Nickel (total)		Sampling Point Name
08/22/2017 09:30	< 0.050 mg/L	Well #5
08/22/2017 09:15	< 0.050 mg/L	Well #6
08/22/2017 10:00	< 0.050 mg/L	Well #7
Nitrate (as N)		Sampling Point Name
08/22/2017 09:30	0.0518 mg/L	Well #5
08/22/2017 09:15	0.0906 mg/L	Well #6
08/22/2017 10:00	0.461 mg/L	Well #7
Nitrate + Nitrite (as N)		Sampling Point Name
08/22/2017 09:30	0.0518 mg/L	Well #5
08/22/2017 09:15	0.0906 mg/L	Well #6
08/22/2017 10:00	0.461 mg/L	Well #7

Nitrite (as N)		Sampling Point Name
08/22/2017 09:30	< 0.0010 mg/L	Well #5
08/22/2017 09:15	< 0.0010 mg/L	Well #6
08/22/2017 10:00	< 0.0010 mg/L	Well #7
Phosphorus (total)		Sampling Point Name
08/22/2017 09:30	< 0.30 mg/L	Well #5
08/22/2017 09:15	< 0.30 mg/L	Well #6
08/22/2017 10:00	< 0.30 mg/L	Well #7
Potassium (total)		Sampling Point Name
08/22/2017 09:30	0.88 mg/L	Well #5
08/22/2017 09:15	0.81 mg/L	Well #6
08/22/2017 10:00	0.86 mg/L	Well #7
Selenium (total)		Sampling Point Name
08/22/2017 09:30	< 0.0010 mg/L	Well #5
08/22/2017 09:15	< 0.0010 mg/L	Well #6
08/22/2017 10:00	< 0.0010 mg/L	Well #7
Silicon (total, as Si)		Sampling Point Name
08/22/2017 09:30	9.85 mg/L	Well #5
08/22/2017 09:15	10.4 mg/L	Well #6
08/22/2017 10:00	10.2 mg/L	Well #7
Silver (total)		Sampling Point Name
08/22/2017 09:30	< 0.010 mg/L	Well #5
08/22/2017 09:15	< 0.010 mg/L	Well #6
08/22/2017 10:00	< 0.010 mg/L	Well #7
Sodium (total)		Sampling Point Name
08/22/2017 09:30	6.8 mg/L	Well #5
08/22/2017 09:15	6.1 mg/L	Well #6
08/22/2017 10:00	6.1 mg/L	Well #7
Strontium (total)		Sampling Point Name
08/22/2017 09:30	0.0733 mg/L	Well #5
08/22/2017 09:15	0.0638 mg/L	Well #6
08/22/2017 10:00	0.0623 mg/L	Well #7
Sulphate		Sampling Point Name
08/22/2017 09:30	4.16 mg/L	Well #5
08/22/2017 09:15	1.99 mg/L	Well #6
08/22/2017 10:00	1.75 mg/L	Well #7

Sulphide (total, as S)		Sampling Point Name
08/22/2017 09:30	< 0.018 mg/L	Well #5
08/22/2017 09:15	< 0.018 mg/L	Well #6
08/22/2017 10:00	< 0.018 mg/L	Well #7

Thallium (total)		Sampling Point Name
08/22/2017 09:30	< 0.20 mg/L	Well #5
08/22/2017 09:15	< 0.20 mg/L	Well #6
08/22/2017 10:00	< 0.20 mg/L	Well #7

Tin (total)		Sampling Point Name
08/22/2017 09:30	< 0.030 mg/L	Well #5
08/22/2017 09:15	< 0.030 mg/L	Well #6
08/22/2017 10:00	< 0.030 mg/L	Well #7

Titanium (total)		Sampling Point Name
08/22/2017 09:30	< 0.010 mg/L	Well #5
08/22/2017 09:15	< 0.010 mg/L	Well #6
08/22/2017 10:00	< 0.010 mg/L	Well #7

Uranium (total)		Sampling Point Name
08/22/2017 09:30	0.00028 mg/L	Well #5
08/22/2017 09:15	0.00019 mg/L	Well #6
08/22/2017 10:00	0.00021 mg/L	Well #7

Vanadium (total)		Sampling Point Name
08/22/2017 09:30	< 0.030 mg/L	Well #5
08/22/2017 09:15	< 0.030 mg/L	Well #6
08/22/2017 10:00	< 0.030 mg/L	Well #7

Zinc (total)		Sampling Point Name
08/22/2017 09:30	0.193 mg/L	Well #5
08/22/2017 09:15	0.0052 mg/L	Well #6
08/22/2017 10:00	0.0065 mg/L	Well #7

MICROORGANISMS

Background Bacteria		Sampling Point Name
08/22/2017 09:30	< 1 CFU/100ml	Well #5
08/22/2017 09:15	< 1 CFU/100ml	Well #6
08/22/2017 10:00	2 CFU/100ml	Well #7

Escherichia coli / E. coli (counts)		Sampling Point Name
08/22/2017 09:30	< 1 counts/100ml	Well #5
08/22/2017 09:15	< 1 counts/100ml	Well #6

Escherichia coli / E. coli (counts)		Sampling Point Name
08/22/2017 10:00	< 1 counts/100ml	Well #7

Fecal Coliforms (counts)		Sampling Point Name
08/22/2017 09:30	< 1 counts/100ml	Well #5
08/22/2017 09:15	< 1 counts/100ml	Well #6
08/22/2017 10:00	< 1 counts/100ml	Well #7

Heterotrophic Plate Count / HPC		Sampling Point Name
08/22/2017 09:30	300 CFU/100ml	Well #5
08/22/2017 09:15	< 100 CFU/100ml	Well #6
08/22/2017 10:00	200 CFU/100ml	Well #7

Iron Bacteria (MPN / PA)		Sampling Point Name
08/22/2017 09:30	SC	Well #5
08/22/2017 09:15	SC	Well #6
08/22/2017 10:00	SC	Well #7

Sulfate Reducing Bacteria		Sampling Point Name
08/22/2017 09:30	SC	Well #5
08/22/2017 09:15	SC	Well #6
08/22/2017 10:00	SC	Well #7

Total Coliforms (counts)		Sampling Point Name
08/22/2017 09:30	< 1 counts/100ml	Well #5
08/22/2017 09:15	< 1 counts/100ml	Well #6
08/22/2017 10:00	< 1 counts/100ml	Well #7

ORGANIC

Tannins and Lignins		Sampling Point Name
08/22/2017 09:30	< 0.10 mg/L	Well #5
08/22/2017 09:15	< 0.10 mg/L	Well #6
08/22/2017 10:00	< 0.10 mg/L	Well #7

Total Kjeldahl Nitrogen / TKN		Sampling Point Name
08/22/2017 09:30	< 0.050 mg/L	Well #5
08/22/2017 09:15	< 0.050 mg/L	Well #6
08/22/2017 10:00	0.085 mg/L	Well #7

Total Organic Carbon / TOC		Sampling Point Name
08/22/2017 09:30	< 0.50 mg/L	Well #5
08/22/2017 09:15	< 0.50 mg/L	Well #6
08/22/2017 10:00	< 0.50 mg/L	Well #7

PHYSICAL



Alkalinity (bicarbonate, as CaCO ₃)		Sampling Point Name
08/22/2017 09:30	77.6 mg/L	Well #5
08/22/2017 09:15	71.7 mg/L	Well #6
08/22/2017 10:00	70.3 mg/L	Well #7
Alkalinity (carbonate, as CaCO ₃)		Sampling Point Name
08/22/2017 09:30	< 1.0 mg/L	Well #5
08/22/2017 09:15	< 1.0 mg/L	Well #6
08/22/2017 10:00	< 1.0 mg/L	Well #7
Alkalinity (hydroxide, as CaCO ₃)		Sampling Point Name
08/22/2017 09:30	< 1.0 mg/L	Well #5
08/22/2017 09:15	< 1.0 mg/L	Well #6
08/22/2017 10:00	< 1.0 mg/L	Well #7
Alkalinity (total, as CaCO ₃)		Sampling Point Name
08/22/2017 09:30	77.6 mg/L	Well #5
08/22/2017 09:15	71.7 mg/L	Well #6
08/22/2017 10:00	70.3 mg/L	Well #7
Colour		Sampling Point Name
08/22/2017 09:30	< 5.0 TCU	Well #5
08/22/2017 09:15	< 5.0 TCU	Well #6
08/22/2017 10:00	< 5.0 TCU	Well #7
Conductivity		Sampling Point Name
08/22/2017 09:30	163 uS/cm	Well #5
08/22/2017 09:15	145 uS/cm	Well #6
08/22/2017 10:00	152 uS/cm	Well #7
Hardness (total, as CaCO ₃)		Sampling Point Name
08/22/2017 09:30	74.8 mg/L	Well #5
08/22/2017 09:15	66.8 mg/L	Well #6
08/22/2017 10:00	68.2 mg/L	Well #7
Langelier Index		Sampling Point Name
08/22/2017 09:30	-0.19	Well #5
08/22/2017 09:15	-0.30	Well #6
08/22/2017 10:00	-0.34	Well #7
Langelier Index (@ 20 C)		Sampling Point Name
08/22/2017 09:30	17	Well #5
08/22/2017 09:15	17	Well #6
08/22/2017 10:00	17	Well #7

pH		Sampling Point Name
08/22/2017 09:30	8.04	Well #5
08/22/2017 09:30	8.04	Well #5
08/22/2017 09:15	8.03	Well #6
08/22/2017 09:15	8.03	Well #6
08/22/2017 10:00	7.99	Well #7
08/22/2017 10:00	7.99	Well #7

Total Dissolved Solids / TDS		Sampling Point Name
08/22/2017 09:30	114 mg/L	Well #5
08/22/2017 09:15	102 mg/L	Well #6
08/22/2017 10:00	104 mg/L	Well #7

Turbidity		Sampling Point Name
08/22/2017 09:30	0.79 NTU	Well #5
08/22/2017 09:15	< 0.10 NTU	Well #6
08/22/2017 10:00	1.26 NTU	Well #7

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, U=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

