



Burnum Water System Annual Report

Reporting Period:	January 1 – December 31, 2017
Operating Permit Number:	DSAL-9F5NB7
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@cvrld.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: Distribution Water

Parameters above the Guidelines:

Parameter	Result	Max. Acceptable Concentration	Aesthetic Objective	Treatment/Corrective Action
Arsenic	Listed in the report	0.01 mg/L		Balance water sources to stay under MAC



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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
Arsenic Sampling	0.01 mg/L	Treatment	Sampled bi-weekly

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
12/07/2017	Bad taste complaint	Investigated, contacted the homeowner

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 (specify): _____

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) Arsenic Treatment Ferric Oxide absorption

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

To purchase or install required equipment: Arsenic filters for well #3

To repair equipment: _____

To replace equipment: _____

To complete annual maintenance of system: System flushing; hydrant maintenance

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
Tender for Reservoir/WTP Upgrades	2018
2 New Production Wells (Northgate development)	2018
Reservoir capacity expansion +%50	2018
New chlorination/meter/SCADA station	2018
Well #2 arsenic treatment install (new building)	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



BURNUM WATER SYSTEM

Facility Location:

Burnum Road
Cobble Hill

Facility Information:

Facility Type: 15-300 (DWC)

Facility Sampling History:

Location	Date	Total Coliform	E.Coli
S-2 1785 Empress Road, S-2 1785 Empress Road	11-Dec-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	4-Dec-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	28-Nov-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	20-Nov-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	14-Nov-2017	T	
S-1 1866 Burnham Road, S-1 1866 Burnham Road	8-Nov-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	30-Oct-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	24-Oct-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	16-Oct-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	10-Oct-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	2-Oct-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	25-Sep-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	18-Sep-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	11-Sep-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	5-Sep-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	29-Aug-2017	L1	L1



S-2 1785 Empress Road, S-2 1785 Empress Road	22-Aug-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	14-Aug-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	9-Aug-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	1-Aug-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	25-Jul-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	17-Jul-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	10-Jul-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	27-Jun-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	20-Jun-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	13-Jun-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	5-Jun-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	29-May-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	24-May-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	15-May-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	9-May-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	2-May-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	25-Apr-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	19-Apr-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	11-Apr-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	4-Apr-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	27-Mar-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	21-Mar-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	14-Mar-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	8-Mar-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	28-Feb-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	20-Feb-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	15-Feb-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	7-Feb-2017	L1	L1
S-2 1785 Empress Road, S-2 1785 Empress Road	24-Jan-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	18-Jan-2017	L1	L1



S-2 1785 Empress Road, S-2 1785 Empress Road	9-Jan-2017	L1	L1
S-1 1866 Burnham Road, S-1 1866 Burnham Road	4-Jan-2017	L1	L1

Alkalinity (bicarbonate, as CaCO3)		Sampling Point Name
08/14/2017 11:50	122 mg/L	Well 3
08/14/2017 12:05	21.0 mg/L	Well 2
08/14/2017 12:35	29.3 mg/L	Well 1
Alkalinity (carbonate, as CaCO3)		Sampling Point Name
08/14/2017 11:50	< 1.0 mg/L	Well 3
08/14/2017 12:05	23.6 mg/L	Well 2
08/14/2017 12:35	16.4 mg/L	Well 1
Alkalinity (hydroxide, as CaCO3)		Sampling Point Name
08/14/2017 11:50	< 1.0 mg/L	Well 3
08/14/2017 12:05	< 1.0 mg/L	Well 2
08/14/2017 12:35	< 1.0 mg/L	Well 1
Alkalinity (total, as CaCO3)		Sampling Point Name
08/14/2017 11:50	122 mg/L	Well 3
08/14/2017 12:05	44.6 mg/L	Well 2
08/14/2017 12:35	45.7 mg/L	Well 1
Aluminum (total)		Sampling Point Name
08/14/2017 11:50	< 0.010 mg/L	Well 3
08/14/2017 12:05	0.027 mg/L	Well 2
08/14/2017 12:35	< 0.010 mg/L	Well 1
Ammonia (total, as N)		Sampling Point Name
08/14/2017 11:50	< 0.0050 mg/L	Well 3
08/14/2017 12:05	0.0083 mg/L	Well 2
08/14/2017 12:35	< 0.0050 mg/L	Well 1
Antimony (total)		Sampling Point Name
08/14/2017 11:50	< 0.00050 mg/L	Well 3
08/14/2017 12:05	< 0.00050 mg/L	Well 2
08/14/2017 12:35	< 0.00050 mg/L	Well 1
Arsenic (total)		Sampling Point Name
01/05/2017 10:10	0.00765 mg/L	S1-1866 Burnham Rd
01/05/2017 10:20	0.00277 mg/L	Post treatment well 3
02/02/2017 09:30	0.00784 mg/L	S1-1866 Burnham Rd
02/02/2017 09:40	0.00236 mg/L	Post treatment well 3
02/16/2017 12:20	0.00256 mg/L	Post treatment well 3

Arsenic (total)		Sampling Point Name
* 02/16/2017	0.0207 mg/L	Well 3
12:20		
02/16/2017 12:20	0.00763 mg/L	S2-1785 Empress Rd
03/02/2017 13:00	0.00483 mg/L	Post treatment well 3
03/16/2017 12:00	0.00777 mg/L	S1-1866 Burnham Rd
03/16/2017 12:00	0.00303 mg/L	Post treatment well 3
03/30/2017 11:15	0.00795 mg/L	S2-1785 Empress Rd
* 03/30/2017	0.0243 mg/L	Well 3
11:20		
03/30/2017 11:20	0.00371 mg/L	Post treatment well 3
04/20/2017 12:45	0.00371 mg/L	Post treatment well 3
04/20/2017 12:55	0.00764 mg/L	S2-1785 Empress Rd
* 05/04/2017	0.0206 mg/L	S1-1866 Burnham Rd
10:40		
05/04/2017 10:45	0.00752 mg/L	Post treatment well 3
05/18/2017 11:00	0.00724 mg/L	S2-1785 Empress Rd
* 05/18/2017	0.0211 mg/L	Well 3
11:10		
05/18/2017 11:20	0.00536 mg/L	Post treatment well 3
06/01/2017 15:00	0.00851 mg/L	S1-1866 Burnham Rd
06/01/2017 15:10	0.00520 mg/L	Post treatment well 3
06/15/2017 13:00	0.00898 mg/L	S2-1785 Empress Rd
* 06/15/2017	0.0217 mg/L	Well 3
13:00		
06/15/2017 13:00	0.00876 mg/L	Post treatment well 3
* 06/29/2017	0.0116 mg/L	S1-1866 Burnham Rd
10:50		
* 06/29/2017	0.0147 mg/L	Well 2
11:00		
* 07/20/2017	0.0139 mg/L	Post treatment well 3
12:20		
* 07/20/2017	0.0201 mg/L	Well 3
12:20		
* 07/20/2017	0.0146 mg/L	S2-1785 Empress Rd
12:30		
* 08/03/2017	0.0137 mg/L	S1-1866 Burnham Rd
13:00		
* 08/03/2017	0.0159 mg/L	Post treatment well 3
13:15		
* 08/14/2017	0.0206 mg/L	Well 3
11:50		
08/14/2017 12:05	0.00221 mg/L	Well 2

Arsenic (total)		Sampling Point Name
* 08/14/2017 12:35	0.0120 mg/L	Well 1
* 08/24/2017 10:00	0.0178 mg/L	S2-1785 Empress Rd
* 08/24/2017 10:15	0.0101 mg/L	Post treatment well 3
* 10/02/2017 00:00	0.0220 mg/L	Well 3
* 10/02/2017 00:00	0.0222 mg/L	Well 3
10/26/2017 09:50	0.00016 mg/L	Post treatment well 3
* 10/26/2017 09:50	0.0255 mg/L	Well 3
11/09/2017 10:30	0.00517 mg/L	S2-1785 Empress Rd
12/07/2017 13:00	0.00575 mg/L	S2-1785 Empress Rd
* 12/07/2017 13:10	0.0214 mg/L	Well 3
12/07/2017 13:10	< 0.00010 mg/L	Post treatment well 3

Background Bacteria		Sampling Point Name
08/14/2017 11:50	< 1 CFU/100ml	Well 3
08/14/2017 12:05	< 1 CFU/100ml	Well 2
08/14/2017 12:35	< 1 CFU/100ml	Well 1

Barium (total)		Sampling Point Name
08/14/2017 11:50	< 0.010 mg/L	Well 3
08/14/2017 12:05	< 0.010 mg/L	Well 2
08/14/2017 12:35	< 0.010 mg/L	Well 1

Beryllium (total)		Sampling Point Name
08/14/2017 11:50	< 0.0050 mg/L	Well 3
08/14/2017 12:05	< 0.0050 mg/L	Well 2
08/14/2017 12:35	< 0.0050 mg/L	Well 1

Bismuth (total)		Sampling Point Name
08/14/2017 11:50	< 0.20 mg/L	Well 3
08/14/2017 12:05	< 0.20 mg/L	Well 2
08/14/2017 12:35	< 0.20 mg/L	Well 1

Boron (total)		Sampling Point Name
08/14/2017 11:50	0.78 mg/L	Well 3
08/14/2017 12:05	2.02 mg/L	Well 2
08/14/2017 12:35	1.53 mg/L	Well 1

Bromide		Sampling Point Name
08/14/2017 11:50	< 0.050 mg/L	Well 3
08/14/2017 12:05	< 0.050 mg/L	Well 2
08/14/2017 12:35	< 0.050 mg/L	Well 1
Cadmium (total)		Sampling Point Name
08/14/2017 11:50	< 0.00020 mg/L	Well 3
08/14/2017 12:05	< 0.00020 mg/L	Well 2
08/14/2017 12:35	< 0.00020 mg/L	Well 1
Calcium (total)		Sampling Point Name
08/14/2017 11:50	40.6 mg/L	Well 3
08/14/2017 12:05	3.28 mg/L	Well 2
08/14/2017 12:35	4.11 mg/L	Well 1
Chloride		Sampling Point Name
08/14/2017 11:50	10.9 mg/L	Well 3
08/14/2017 12:05	4.01 mg/L	Well 2
08/14/2017 12:35	4.45 mg/L	Well 1
Chromium (total)		Sampling Point Name
08/14/2017 11:50	< 0.0020 mg/L	Well 3
08/14/2017 12:05	< 0.0020 mg/L	Well 2
08/14/2017 12:35	< 0.0020 mg/L	Well 1
Cobalt (total)		Sampling Point Name
08/14/2017 11:50	< 0.010 mg/L	Well 3
08/14/2017 12:05	< 0.010 mg/L	Well 2
08/14/2017 12:35	< 0.010 mg/L	Well 1
Colour		Sampling Point Name
08/14/2017 11:50	< 5.0 TCU	Well 3
08/14/2017 12:05	< 5.0 TCU	Well 2
08/14/2017 12:35	< 5.0 TCU	Well 1
Conductivity		Sampling Point Name
08/14/2017 11:50	297 uS/cm	Well 3
08/14/2017 12:05	115 uS/cm	Well 2
08/14/2017 12:35	121 uS/cm	Well 1
Copper (total)		Sampling Point Name
08/14/2017 11:50	< 0.0010 mg/L	Well 3
08/14/2017 12:05	< 0.0010 mg/L	Well 2
08/14/2017 12:35	< 0.0010 mg/L	Well 1

Escherichia coli / E. coli (counts)		Sampling Point Name
08/14/2017 11:50	< 1 counts/100ml	Well 3
08/14/2017 12:05	< 1 counts/100ml	Well 2
08/14/2017 12:35	< 1 counts/100ml	Well 1
Fecal Coliforms (counts)		Sampling Point Name
08/14/2017 11:50	< 1 counts/100ml	Well 3
08/14/2017 12:05	< 1 counts/100ml	Well 2
08/14/2017 12:35	< 1 counts/100ml	Well 1
Fluoride		Sampling Point Name
08/14/2017 11:50	0.089 mg/L	Well 3
08/14/2017 12:05	0.232 mg/L	Well 2
08/14/2017 12:35	0.331 mg/L	Well 1
Hardness (total, as CaCO3)		Sampling Point Name
08/14/2017 11:50	129 mg/L	Well 3
08/14/2017 12:05	8.95 mg/L	Well 2
08/14/2017 12:35	10.8 mg/L	Well 1
Heterotrophic Plate Count / HPC		Sampling Point Name
08/14/2017 11:50	< 100 CFU/100ml	Well 3
* 08/14/2017 12:05	368,000 CFU/100ml	Well 2
08/14/2017 12:35	< 100 CFU/100ml	Well 1
Iron (total)		Sampling Point Name
08/14/2017 11:50	< 0.030 mg/L	Well 3
08/14/2017 12:05	0.037 mg/L	Well 2
08/14/2017 12:35	< 0.030 mg/L	Well 1
Iron Bacteria (MPN / PA)		Sampling Point Name
08/14/2017 11:50	SC	Well 3
08/14/2017 12:05	SC	Well 2
08/14/2017 12:35	SC	Well 1
Langelier Index		Sampling Point Name
08/14/2017 11:50	0.44	Well 3
08/14/2017 12:05	-0.13	Well 2
08/14/2017 12:35	-0.21	Well 1
Langelier Index (@ 20 C)		Sampling Point Name
08/14/2017 11:50	12	Well 3
08/14/2017 12:05	12	Well 2

Langelier Index (@ 20 C)		Sampling Point Name
08/14/2017 12:35	12	Well 1

Lead (total)		Sampling Point Name
08/14/2017 11:50	< 0.00050 mg/L	Well 3
08/14/2017 12:05	< 0.00050 mg/L	Well 2
08/14/2017 12:35	< 0.00050 mg/L	Well 1

Lithium (total)		Sampling Point Name
08/14/2017 11:50	< 0.010 mg/L	Well 3
08/14/2017 12:05	< 0.010 mg/L	Well 2
08/14/2017 12:35	< 0.010 mg/L	Well 1

Magnesium (total)		Sampling Point Name
08/14/2017 11:50	6.60 mg/L	Well 3
08/14/2017 12:05	0.18 mg/L	Well 2
08/14/2017 12:35	0.13 mg/L	Well 1

Manganese (total)		Sampling Point Name
08/14/2017 11:50	0.0025 mg/L	Well 3
08/14/2017 12:05	0.0025 mg/L	Well 2
08/14/2017 12:35	< 0.0020 mg/L	Well 1

Mercury (total)		Sampling Point Name
08/14/2017 11:50	< 0.00020 mg/L	Well 3
08/14/2017 12:05	< 0.00020 mg/L	Well 2
08/14/2017 12:35	< 0.00020 mg/L	Well 1

Molybdenum (total)		Sampling Point Name
08/14/2017 11:50	< 0.030 mg/L	Well 3
08/14/2017 12:05	< 0.030 mg/L	Well 2
08/14/2017 12:35	< 0.030 mg/L	Well 1

Nickel (total)		Sampling Point Name
08/14/2017 11:50	< 0.050 mg/L	Well 3
08/14/2017 12:05	< 0.050 mg/L	Well 2
08/14/2017 12:35	< 0.050 mg/L	Well 1

Nitrate (as N)		Sampling Point Name
08/14/2017 11:50	0.0132 mg/L	Well 3
08/14/2017 12:05	< 0.0050 mg/L	Well 2
08/14/2017 12:35	< 0.0050 mg/L	Well 1

Nitrate + Nitrite (as N)		Sampling Point Name
08/14/2017 11:50	0.0132 mg/L	Well 3
08/14/2017 12:05	< 0.0051 mg/L	Well 2
08/14/2017 12:35	< 0.0051 mg/L	Well 1
Nitrite (as N)		Sampling Point Name
08/14/2017 11:50	< 0.0010 mg/L	Well 3
08/14/2017 12:05	< 0.0010 mg/L	Well 2
08/14/2017 12:35	< 0.0010 mg/L	Well 1
pH		Sampling Point Name
08/14/2017 11:50	8.25	Well 3
08/14/2017 11:50	8.25	Well 3
08/14/2017 12:05	9.15	Well 2
08/14/2017 12:05	9.15	Well 2
08/14/2017 12:35	8.96	Well 1
08/14/2017 12:35	8.96	Well 1
Phosphorus (total)		Sampling Point Name
08/14/2017 11:50	< 0.30 mg/L	Well 3
08/14/2017 12:05	< 0.30 mg/L	Well 2
08/14/2017 12:35	< 0.30 mg/L	Well 1
Potassium (total)		Sampling Point Name
08/14/2017 11:50	< 0.10 mg/L	Well 3
08/14/2017 12:05	< 0.10 mg/L	Well 2
08/14/2017 12:35	< 0.10 mg/L	Well 1
Selenium (total)		Sampling Point Name
08/14/2017 11:50	< 0.0010 mg/L	Well 3
08/14/2017 12:05	< 0.0010 mg/L	Well 2
08/14/2017 12:35	< 0.0010 mg/L	Well 1
Silicon (total, as Si)		Sampling Point Name
08/14/2017 11:50	12.3 mg/L	Well 3
08/14/2017 12:05	13.1 mg/L	Well 2
08/14/2017 12:35	15.1 mg/L	Well 1
Silver (total)		Sampling Point Name
08/14/2017 11:50	< 0.010 mg/L	Well 3
08/14/2017 12:05	< 0.010 mg/L	Well 2
08/14/2017 12:35	< 0.010 mg/L	Well 1

Sodium (total)		Sampling Point Name
08/14/2017 11:50	9.6 mg/L	Well 3
08/14/2017 12:05	20.9 mg/L	Well 2
08/14/2017 12:35	22.7 mg/L	Well 1
Strontium (total)		Sampling Point Name
08/14/2017 11:50	0.386 mg/L	Well 3
08/14/2017 12:05	0.0305 mg/L	Well 2
08/14/2017 12:35	0.0578 mg/L	Well 1
Sulfate Reducing Bacteria		Sampling Point Name
08/14/2017 11:50	SC	Well 3
08/14/2017 12:05	SC	Well 2
08/14/2017 12:35	SC	Well 1
Sulphate		Sampling Point Name
08/14/2017 11:50	22.1 mg/L	Well 3
08/14/2017 12:05	9.53 mg/L	Well 2
08/14/2017 12:35	10.3 mg/L	Well 1
Sulphide (total, as S)		Sampling Point Name
08/14/2017 11:50	< 0.018 mg/L	Well 3
08/14/2017 12:05	0.053 mg/L	Well 2
08/14/2017 12:35	0.141 mg/L	Well 1
Tannins and Lignins		Sampling Point Name
08/14/2017 11:50	< 0.10 mg/L	Well 3
08/14/2017 12:05	< 0.10 mg/L	Well 2
08/14/2017 12:35	< 0.10 mg/L	Well 1
Thallium (total)		Sampling Point Name
08/14/2017 11:50	< 0.20 mg/L	Well 3
08/14/2017 12:05	< 0.20 mg/L	Well 2
08/14/2017 12:35	< 0.20 mg/L	Well 1
Tin (total)		Sampling Point Name
08/14/2017 11:50	< 0.030 mg/L	Well 3
08/14/2017 12:05	< 0.030 mg/L	Well 2
08/14/2017 12:35	< 0.030 mg/L	Well 1
Titanium (total)		Sampling Point Name
08/14/2017 11:50	< 0.010 mg/L	Well 3
08/14/2017 12:05	< 0.010 mg/L	Well 2
08/14/2017 12:35	< 0.010 mg/L	Well 1

Total Coliforms (counts)		Sampling Point Name
08/14/2017 11:50	< 1 counts/100ml	Well 3
* 08/14/2017 12:05	9 counts/100ml	Well 2
08/14/2017 12:35	< 1 counts/100ml	Well 1
Total Dissolved Solids / TDS		Sampling Point Name
08/14/2017 11:50	207 mg/L	Well 3
08/14/2017 12:05	103 mg/L	Well 2
08/14/2017 12:35	104 mg/L	Well 1
Total Kjeldahl Nitrogen / TKN		Sampling Point Name
08/14/2017 11:50	< 0.050 mg/L	Well 3
08/14/2017 12:05	< 0.050 mg/L	Well 2
08/14/2017 12:35	< 0.050 mg/L	Well 1
Total Organic Carbon / TOC		Sampling Point Name
08/14/2017 11:50	< 0.50 mg/L	Well 3
08/14/2017 12:05	< 0.50 mg/L	Well 2
08/14/2017 12:35	< 0.50 mg/L	Well 1
Turbidity		Sampling Point Name
08/14/2017 11:50	< 0.10 NTU	Well 3
08/14/2017 12:05	0.61 NTU	Well 2
08/14/2017 12:35	0.14 NTU	Well 1
Uranium (total)		Sampling Point Name
08/14/2017 11:50	0.00011 mg/L	Well 3
08/14/2017 12:05	< 0.00010 mg/L	Well 2
08/14/2017 12:35	< 0.00010 mg/L	Well 1
Vanadium (total)		Sampling Point Name
08/14/2017 11:50	< 0.030 mg/L	Well 3
08/14/2017 12:05	< 0.030 mg/L	Well 2
08/14/2017 12:35	< 0.030 mg/L	Well 1
Zinc (total)		Sampling Point Name
08/14/2017 11:50	0.0115 mg/L	Well 3
08/14/2017 12:05	0.0204 mg/L	Well 2
08/14/2017 12:35	< 0.0050 mg/L	Well 1

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