



DRINKING WATER SYSTEM ANNUAL REPORT

Reporting Period: January 1st to December 31st, (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)

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

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

<p>Click here to enter a date. DATE COMPLETED:</p>	<p>COMPLETED BY:</p>
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SHAWNIGAN VILLAGE WATER WORKS

Facility Location:

2748 Heald Rd.d
Shawnigan Lake

Facility Information:

Facility Type: DWC

Facility Sampling History: 2019

Acceptable Sample Results

The following results are considered acceptable for drinking water:

E. Coli

- No E. Coli detectable per 100 ml of each water sample.

Coliform

- If only one sample is taken in a 30-day period:
- No detectable Coliform per 100 ml of water
- If more than one sample is taken in a 30-day period:
- At least 90% of samples will have no detectable Coliform per 100 ml of water, and
- No sample has more than 10 total Coliform per 100ml of water

Interpreting Sample Reports

In VIHA, the results of drinking water sampling are reported using the following coding system:

- L1 Less than 1 (no detectable bacteria) – Meaning: No bacteria present
- OG Overgrown – Meaning: Too many background bacteria to give an accurate count
- EST Estimated Count
and
- A Sample not tested; Too long in transit
- C Sample leaked/broken in transit
- D Sample not tested; No collection date given.
- T Sample not submitted unsatisfactory. Exceeded 30 hours holding time
- NS No Sample received with requisition

If you have questions or want more information regarding your water system, call your local [Environmental Health Office](#).

SHAWNIGAN VILLAGE WATER WORKS

Facility Location:

2748 Heald Rd.d
Shawnigan Lake

Facility Information:

Facility Type: DWC

Facility Sampling History: 2019

Location	Date	Total Coliform	E. Coli
2730 Galland Road, Shawnigan Lake	18-Dec-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	18-Dec-2019	L1	L1
2730 Galland Road, Shawnigan Lake	11-Dec-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	11-Dec-2019	L1	L1
2730 Galland Road, Shawnigan Lake	4-Dec-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	4-Dec-2019	L1	L1
2730 Galland Road, Shawnigan Lake	26-Nov-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	26-Nov-2019	L1	L1
2730 Galland Road, Shawnigan Lake	20-Nov-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	20-Nov-2019	L1	L1
2730 Galland Road, Shawnigan Lake	4-Nov-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	4-Nov-2019	L1	L1
2730 Galland Road, Shawnigan Lake	30-Oct-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	30-Oct-2019	L1	L1
2730 Galland Road, Shawnigan Lake	21-Oct-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	21-Oct-2019	L1	L1
2730 Galland Road, Shawnigan Lake	15-Oct-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	15-Oct-2019	L1	L1
2730 Galland Road, Shawnigan Lake	9-Oct-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	9-Oct-2019	L1	L1
2730 Galland Road, Shawnigan Lake	1-Oct-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	1-Oct-2019	L1	L1
2730 Galland Road, Shawnigan Lake	24-Sep-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	24-Sep-2019	L1	L1
2730 Galland Road, Shawnigan Lake	18-Sep-2019	L1	L1

Location	Date	Total Coliform	E. Coli
Aitken & Fraser Store, Shawnigan Lake	18-Sep-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	18-Sep-2019	L1	L1
2730 Galland Road, Shawnigan Lake	11-Sep-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	11-Sep-2019	L1	L1
2730 Galland Road, Shawnigan Lake	26-Aug-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	26-Aug-2019	L1	L1
2730 Galland Road, Shawnigan Lake	21-Aug-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	21-Aug-2019	L1	L1
2730 Galland Road, Shawnigan Lake	14-Aug-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	14-Aug-2019	L1	L1
2730 Galland Road, Shawnigan Lake	7-Aug-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	7-Aug-2019	L1	L1
2730 Galland Road, Shawnigan Lake	29-Jul-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	29-Jul-2019	L1	L1
2730 Galland Road, Shawnigan Lake	23-Jul-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	23-Jul-2019	L1	L1
2730 Galland Road, Shawnigan Lake	16-Jul-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	16-Jul-2019	L1	L1
2730 Galland Road, Shawnigan Lake	9-Jul-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	9-Jul-2019	L1	L1
2730 Galland Road, Shawnigan Lake	3-Jul-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	3-Jul-2019	L1	L1
2730 Galland Road, Shawnigan Lake	26-Jun-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	26-Jun-2019	L1	L1
2730 Galland Road, Shawnigan Lake	19-Jun-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	19-Jun-2019	L1	L1
2730 Galland Road, Shawnigan Lake	12-Jun-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	12-Jun-2019	L1	L1
2730 Galland Road, Shawnigan Lake	4-Jun-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	4-Jun-2019	L1	L1
2730 Galland Road, Shawnigan Lake	28-May-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	28-May-2019	L1	L1
2730 Galland Road, Shawnigan Lake	21-May-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	21-May-2019	L1	L1
2730 Galland Road, Shawnigan Lake	13-May-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	13-May-2019	L1	L1
2730 Galland Road, Shawnigan Lake	8-May-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	8-May-2019	L1	L1

Location	Date	Total Coliform	E. Coli
2730 Galland Road, Shawnigan Lake	30-Apr-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	30-Apr-2019	L1	L1
2730 Galland Road, Shawnigan Lake	23-Apr-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	23-Apr-2019	L1	L1
2730 Galland Road, Shawnigan Lake	16-Apr-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	16-Apr-2019	L1	L1
2730 Galland Road, Shawnigan Lake	8-Apr-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	8-Apr-2019	L1	L1
2730 Galland Road, Shawnigan Lake	2-Apr-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	2-Apr-2019	L1	L1
2730 Galland Road, Shawnigan Lake	26-Mar-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	26-Mar-2019	L1	L1
2730 Galland Road, Shawnigan Lake	19-Mar-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	19-Mar-2019	L1	L1
2730 Galland Road, Shawnigan Lake	12-Mar-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	12-Mar-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	5-Mar-2019	L1	L1
2730 Galland Road, Shawnigan Lake	4-Mar-2019	T	
2730 Galland Road, Shawnigan Lake	26-Feb-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	26-Feb-2019	L1	L1
2730 Galland Road, Shawnigan Lake	20-Feb-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	20-Feb-2019	L1	L1
2730 Galland Road, Shawnigan Lake	11-Feb-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	11-Feb-2019	L1	L1
2730 Galland Road, Shawnigan Lake	6-Feb-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	6-Feb-2019	L1	L1
2730 Galland Road, Shawnigan Lake	30-Jan-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	30-Jan-2019	L1	L1
2730 Galland Road, Shawnigan Lake	22-Jan-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	22-Jan-2019	L1	L1
2730 Galland Road, Shawnigan Lake	15-Jan-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	15-Jan-2019	L1	L1
2730 Galland Road, Shawnigan Lake	9-Jan-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	9-Jan-2019	L1	L1
2730 Galland Road, Shawnigan Lake	2-Jan-2019	L1	L1
Aitken & Fraser Store, Shawnigan Lake	2-Jan-2019	L1	L1