

**DRINKING WATER SYSTEM ANNUAL REPORT**

Reporting Period:	January 1 <sup>st</sup> to December 31 <sup>st</sup> , 2016
Water System:	Woss Water System
Water System Owner	Regional District of Mount Waddington
Primary Contact Name:	Patrick Donaghy
Phone Number	250 956-3301
Email	pdonaghy@rdmw.bc.ca

**Water Supply System Description**

Source of Raw Water

- Deep Well     
  Shallow Well     
  Surface Water     
  Other

Does Drinking Water System have Primary Disinfection?       Yes       No

- Chlorination     
  Ultraviolet Light     
  Ozone     
  Other

Does the Drinking Water System have Secondary Disinfection?       Yes       No

- Chlorination     
  Other

Does the Drinking Water System have Filtration?       Yes       No

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

**Public Reporting**

Emergency Response & Contingency Plan (ERCP)

Is the ERCP up to date?       Yes       No

Means of informing the system users of the ERCP

- Hand Delivered     
  Bulletin Board   
  Newspaper     
  Utility Bill Insert   
  Website  
 Other

**Drinking Water System Annual Report**

Drinking Water System Annual Report

Means of informing the system users of the Annual Report

- Hand Delivered     
  Bulletin Board   
  Newspaper     
  Utility Bill Insert   
  Website  
 Other

**Compliance with Operating Permit**

Conditions of Operating Permit

In compliance with Operating Permit       Yes       No

### Bacteriological Testing and Drinking Water Protection Regulation Water Quality Standards

Number of Bacteriological samples were collected during the reporting period: 17

Minimum required sampling frequency for the system:

Minimum required sampling achieved?  Yes  No

Comments:

Bacteriological summary attached to the report?  Yes  No

### Water Quality Standards for Potable Water

Parameter	Standard	Meet Standard
Escherichia coli (for all samples)	No detectable Escherichia coli per 100 ml	<input checked="" 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 100 ml	<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 100 ml	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Recorded results where water system did not meet of the above Drinking Water Protection Regulation standards:

### Chemical Sampling Completed During This Reporting Period

Was any chemical sampling conducted during the reporting period?  Yes  No

If Yes, attach list of chemical results to this report.

If no, when were the last chemical samples conducted for this system?  Don't Know

If Yes, attach list of chemical results  List Attached

Next scheduled full chemical test: 2017

### Test results that did not meet Guidelines for Chemical Drinking Water Quality

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 results available on request?  Yes  No

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

Additional Test & 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.

Date	Type of Operational Problem	Corrective Action/Treatment
March 2016	Freezing temperature cracked gate valve.	Valve replaced. Need to insulate roof of pump house in future.

**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	Gate valve cracked due to freezing. Was replaced.
Annual maintenance of system	
Specialist report	Completed a Capital Asset Management Plan for Woss Water System
Other	

**Major Upgrades/Repairs & Expenses**

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
Process Logic Controls (PLC) will be replaced/upgraded at the two pump houses and the water reservoir	March 2018
Registering both Woss water wells with the Province	March 2017

Date Completed: Patrick Donaghy  
Completed By: March 30, 2017

# WOSS HAMLET

**Facility Location:**  
2044 McNeill Road  
Woss

## **Facility Information:**

Facility Type: 15-300 (DWC)

## **Facility Sampling History:**

<u>Location</u>	<u>Date</u>	<u>Total Coliform</u>	<u>E. Coli</u>
Woss Vegas Cafe, Woss, B.C.	6-Dec-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	8-Nov-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	6-Sep-2016	L1	L1
Pool Sink, Gen Del, Woss, Bc	29-Aug-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	29-Aug-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	25-Jul-2016	L1	L1
Woss School, Woss, B.C.	28-Jun-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	28-Jun-2016	L1	L1
Woss School, Woss, B.C.	30-May-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	30-May-2016	L1	L1
Woss School, Woss, B.C.	25-Apr-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	25-Apr-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	29-Mar-2016	L1	L1
Woss School, Woss, B.C.	29-Feb-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	29-Feb-2016	L1	L1
Woss School, Woss, B.C.	25-Jan-2016	L1	L1
Woss Vegas Cafe, Woss, B.C.	25-Jan-2016	L1	L1