

**PIRATES COVE
ANNUAL REPORT 2017**

Reporting Period:	January 1, 2017 to December 31, 2017
Operating Permit Number:	107568
Drinking Water System Owner:	BC Parks
Drinking Water System Contact: Name: <u>Tom Porsborg</u> Phone No: <u>250-886-1969</u> Email: <u>Thomas.Porsborg@gov.bc.ca</u>	

1 Microbiological testing completed during this reporting period:

- a. bacteriological results listed in table below.
 b. adverse bacteriological results: None detected
 Highlighted in table below:

Microbiological Test Results:

Date	Total coliform	E. Coli	Reason	Corrective Action
2017/01/05	1	L1		
2017/01/10	L1	L1		
2017/01/19	L1	L1		
2017/02/01	L1	L1		
2017/02/16	1	L1		
2017/03/01	L1	L1		
2017/03/15	L1	L1		
2017/04/05	L1	L1		
2017/04/20	L1	L1		
2017/05/03	1	L1		
2017/05/18	L1	L1		
2017/06/07	L1	L1		
2017/06/22	L1	L1		
2017/07/06	L1	L1		
2017/07/25	L1	L1		
2017/08/02	L1	L1		
2017/08/30	L1	L1		
2017/09/06	L1	L1		
2017/09/13	L1	L1		

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2017/10/12	L1	L1		
2017/10/25	L1	L1		
2017/11/09	L1	L1		
2017/11/22	L1	L1		
2017/12/07	L1	L1		
2017/12/13	L1	L1		
Total Post:	3	0		

2 Chemical analysis results (most recent):

a. chemical parameters listed in *The Guidelines for Canadian Drinking Water Quality ("the Guidelines")* are: all within GCDWQ above the GCDWQ and are listed below:

Parameters above the Guidelines:

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

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 related 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

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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:

Adverse Results:

Incident date	Corrective action	Corrected by

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 boxes that apply):

- Chlorination
 Ultraviolet light
 Ozonation
 Other (specify): _____

Does the drinking water system have treatment? Yes No

Treatment type (check boxes that apply):

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

7 System maintenance and repair during the period covered by the report:

Equipment repaired: none

Equipment replaced: none

Annual maintenance of system: - system flushing, start up system shock treatment using chlorine bleach

Completion of specialist report (specify): none

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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):
-

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
System assessment has been completed. Plan to replace handpump and upgrade design to acceptable VIHA standard.	Spring/2018

d. Emergency Response Plan can be accessed by:

- posting on web
- posting at nearest government office
- Contacting water system owner
- Other (specify): Contractor-K2 Park Services

JL:kl
N: Forms\Drinking Water Systems Annual Report template