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DRINKING WATER SYSTEM ANNUAL REPORT

Reporting Period: January 1st to December 31st, (year) 2020

Water System Port Alice Water System

Water System Owner Village of Port Alice

Primary Contact Name (Operator or Manager) Jason Yunker

Phone Number (Operator or Manager) 250-209-2856

E-mail (Operator or Manager) jyunker@portalice.ca

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) Facebook

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)

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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? 59

What is the minimum required sampling frequency for this system? (#samples/month) 48

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

Parameter:	***Standard:***	**Did this system meet standard?**	
Escherichia coli (for all samples)	No detectable *Escherichia coli* per 100ml	☒ Yes	☐ No
Total Coliform Bacteria *(if only 1 sample collected in a 30 day period)*	No detectable total coliform bacteria per 100ml	☒ Yes	☐ 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	☒ Yes	☐ 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

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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) 2025		

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

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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
March 30, 2020	Main break	installed a repair clamp

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
Well refurbishment	2021/22
Water Tank Inspections.	2021

Click here to enter a date. **DATE COMPLETED:** June 8 2021	**COMPLETED BY:** Jason Yonker

Water Sample Range Report

Island Health

Facility Name: PORT ALICE WATER SYSTEM
Facility Type: 301-10000 (DWT)
Date Range: Jan 1 2020 to Dec 31 2020
Date Created: Feb 01 2021

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
1090 Marine Drive, Port Alice, B.C., Hospital, Dist. site, Monthly				
	07-Jan-2020	L1	L1	
	04-Feb-2020 8:50:00 AM	LT1	LT1	
	10-Mar-2020 8:50:00 AM	LT1	LT1	
	14-Apr-2020 9:10:00 AM	LT1	LT1	
	04-May-2020 9:20:00 AM	LT1	LT1	
	01-Jun-2020 8:50:00 AM	LT1	LT1	
	06-Jul-2020 9:10:00 AM	LT1	LT1	
	04-Aug-2020 8:50:00 AM	LT1	LT1	
	08-Sep-2020 8:00:00 AM	LT1	LT1	
	13-Oct-2020 9:25:00 AM	LT1	LT1	
	02-Nov-2020 8:50:00 AM	LT1	LT1	
	07-Dec-2020 9:10:00 AM	LT1	LT1	
	Total Positive:	**0**	**0**	**0**
Belvedere Road, Port Alice, BC, New Metal Storage Tank, Dist. site, Monthly				
	07-Jan-2020	L1	L1	
	04-Feb-2020 8:30:00 AM	LT1	LT1	
	10-Mar-2020 8:30:00 AM	LT1	LT1	
	14-Apr-2020 8:45:00 AM	LT1	LT1	
	04-May-2020 9:00:00 AM	LT1	LT1	

01-Jun-2020 8:30:00 AM	LT1	LT1	
06-Jul-2020 8:45:00 AM	LT1	LT1	
04-Aug-2020 8:30:00 AM	LT1	LT1	
08-Sep-2020 8:45:00 AM	LT1	LT1	
13-Oct-2020 9:00:00 AM	LT1	LT1	
02-Nov-2020 8:30:00 AM	LT1	LT1	
07-Dec-2020 8:45:00 AM	LT1	LT1	
Total Positive:	**0**	**0**	**0**

Beach Drive, Port Alice, B.C., WFP Juene Landing, Dist. site, Monthly

07-Jan-2020	L1	L1	
04-Feb-2020 9:00:00 AM	LT1	LT1	
10-Mar-2020 9:10:00 AM	LT1	LT1	
14-Apr-2020 9:20:00 AM	LT1	LT1	
04-May-2020 9:25:00 AM	LT1	LT1	
01-Jun-2020 9:10:00 AM	LT1	LT1	
06-Jul-2020 9:15:00 AM	LT1	LT1	
04-Aug-2020 9:00:00 AM	LT1	LT1	
08-Sep-2020 9:20:00 AM	LT1	LT1	
13-Oct-2020 9:30:00 AM	LT1	LT1	
02-Nov-2020 8:00:00 AM	LT1	LT1	
07-Dec-2020 9:15:00 AM	LT1	LT1	
Total Positive:	**0**	**0**	**0**

Port Alice, #8 Copper Coast, Dist. site, Monthly

07-Jan-2020	L1	L1	
04-Feb-2020 8:42:00 AM	LT1	LT1	
10-Mar-2020 9:00:00 AM	LT1	LT1	

14-Apr-2020 9:00:00 AM	LT1	LT1	
04-May-2020 9:15:00 AM	LT1	LT1	
01-Jun-2020 9:00:00 AM	LT1	LT1	
06-Jul-2020 9:00:00 AM	LT1	LT1	
04-Aug-2020 8:50:00 AM	LT1	LT1	
08-Sep-2020 9:10:00 AM	LT1	LT1	
13-Oct-2020 9:20:00 AM	LT1	LT1	
23-Oct-2020 8:55:00 AM	LT1	LT1	
07-Dec-2020 9:00:00 AM	LT1	LT1	
Total Positive:	**0**	**0**	**0**

Result Values: **E - estimated** **L - less than** **G - greater than**

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 submitted unsatisfactory. Exceeded 30 hours holding time, please resample.

NS No sample received with requisition

Samples that contain total coliform:	0	0.00% of total
Samples that contain e. coli:	0	0.00% of total
Samples that contain fecal coliform:	0	0.00% of total
Number of positive samples in last 30 days:	0/0	
Total number of samples:	48	

Comments:

Environmental Health Officer
Jun 2 2021

FOR FURTHER INFORMATION PLEASE CALL: Bergsma, Eric (250) 902-6071 Port Hardy Office

Operator

Village Of Port Alice
Box 130
Port Alice, BC
V0N 2N0

(250) 284-6612

Your P.O. #: 6736
Your Project #: VIHA Well Testing
Your C.O.C. #: 607037-01-01

Attention: REPORT DISTRIBUTION

VILLAGE OF PORT ALICE
PO BOX 130
721 Marine Dr.
PORT ALICE, BC
CANADA V0N 2N0

Report Date: 2020/03/19
Report #: R2860158
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C018069
Received: 2020/03/11, 08:30

Sample Matrix: Water
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	3	N/A	2020/03/11	BBY6SOP-00026	SM 23 2320 B m
Chloride/Sulphate by Auto Colourimetry	3	N/A	2020/03/11	BBY6SOP-00011 / BBY6SOP-00017	SM23-4500-Cl/SO4-E m
Colour (True) by Kone Lab	3	N/A	2020/03/11	BBY6SOP-00057	SM 23 2120 C m
Conductivity @25C	3	N/A	2020/03/11	BBY6SOP-00026	SM 23 2510 B m
Fluoride	3	N/A	2020/03/12	BBY6SOP-00048	SM 23 4500-F C m
Sulphide (as H2S) (1)	3	N/A	2020/03/13		Auto Calc
Hardness Total (calculated as CaCO3) (2)	3	N/A	2020/03/13	BBY WI-00033	Auto Calc
Mercury (Total) by CV	3	2020/03/14	2020/03/14	BBY7SOP-00015	BCMOE BCLM Oct2013 m
Heterotropic Plate Count (MF) in Water	3	N/A	2020/03/11	BBY4SOP-00003	SM 23 9215
Iron Related Bacteria (3)	3	N/A	2020/03/11	BBY4SOP-00004	BI BART User Manual
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2020/03/13	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (total)	3	N/A	2020/03/13	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	3	N/A	2020/03/13	BBY6SOP-00016	SM 23 4500-N C m
Ammonia-N (Total) (1)	3	N/A	2020/03/17	AB SOP-00007	SM 23 4500 NH3 A G m
Nitrate + Nitrite (N)	3	N/A	2020/03/12	BBY6SOP-00010	SM 23 4500-NO3- I m
Nitrite (N) by CFA	3	N/A	2020/03/12	BBY6SOP-00010	SM 23 4500-NO3- I m
Nitrogen - Nitrate (as N)	3	N/A	2020/03/12	BBY WI-00033	Auto Calc
Nitrogen (Tot. Organic) Calculation	3	N/A	2020/03/17	BBY WI-00033	Auto Calc
pH @25°C (4)	3	N/A	2020/03/11	BBY6SOP-00026	SM 23 4500-H+ B m
Sat. pH and Langelier Index (@ 4.4C)	3	N/A	2020/03/13	BBY WI-00033	Auto Calc
Sat. pH and Langelier Index (@ 60C)	3	N/A	2020/03/13	BBY WI-00033	Auto Calc
Total Sulphide (1)	3	N/A	2020/03/13	AB SOP-00080	SM 23 4500 S2-A D Fm
Sulphate Reducing Bacteria (3)	3	N/A	2020/03/11	BBY4SOP-00004	BI BART User Manual
Total Dissolved Solids (Filt. Residue)	3	2020/03/16	2020/03/17	BBY6SOP-00033	SM 23 2540 C m
Total Coliform & E.Coli by MF-Chromocult	3	N/A	2020/03/11	BBY4SOP-00143	Merck KGaA Version 1
Carbon (Total Organic) (1, 5)	3	N/A	2020/03/17	AB SOP-00087	MMCW 119 1996 m
Turbidity	3	N/A	2020/03/11	BBY6SOP-00027	SM 23 2130 B m
UV absorbance @254nm-Unfiltered (1)	3	N/A	2020/03/13	CAL SOP-00274	SM 23 5910B m
UV transmittance @254nm-Unfiltered (1)	3	N/A	2020/03/13		Auto-Calc

Bureau Veritas Laboratories Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Your P.O. #: 6736
Your Project #: VIHA Well Testing
Your C.O.C. #: 607037-01-01

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CERTIFICATE OF ANALYSIS

BV LABS JOB #: C018069
Received: 2020/03/11, 08:30
Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by BV Labs Calgary Environmental

(2) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).

(3) Presence/Absence Method. Number is an estimate.

(4) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas Laboratories endeavours to analyze samples as soon as possible after receipt.

(5) TOC present in the sample should be considered as non-purgeable TOC.

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Encryption Key

AUTHORIZED REPORT
RAPPORT AUTORISÉ

Bureau Veritas Laboratories
19 Mar 2020 17:26:33

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Customer Solutions, Western Canada Customer Experience Team
Email: customersolutionswest@bvlabs.com
Phone# (604) 734 7276

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This report has been generated and distributed using a secure automated process.
BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

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BV Labs Job #: C018069
Report Date: 2020/03/19

VILLAGE OF PORT ALICE
Client Project #: VIHA Well Testing
Your P.O. #: 6736

VIHA PKG, WELLS/SPRINGS - BURNABY (WATER)

BV Labs ID		XN4140	XN4141		XN4142		
Sampling Date		2020/03/10 10:00	2020/03/10 10:15		2020/03/10 10:30		
COC Number		607037-01-01	607037-01-01		607037-01-01		
	UNITS	WELL 2	WELL 3	QC Batch	WELL 4	RDL	QC Batch
ANIONS							
Nitrite (N)	mg/L	<0.0050	<0.0050	9795639	<0.0050	0.0050	9795648
Calculated Parameters							
Total Hardness (CaCO3)	mg/L	130	138	9793668	138	0.50	9793668
Nitrate (N)	mg/L	0.788	0.855	9794194	0.673	0.020	9794194
Total Organic Nitrogen (N)	mg/L	<0.020	<0.020	9794196	<0.020	0.020	9794196
Sulphide (as H2S)	mg/L	<0.0020	<0.0020	9793663	<0.0020	0.0020	9793663
Transmittance at 254nm	%T/cm	>97.7	95.0	9794203	92.3	N/A	9794203
Misc. Inorganics							
Conductivity	uS/cm	280	310	9794515	320	2.0	9794863
pH	pH	8.12	8.17	9794392	8.12	N/A	9794867
Total Organic Carbon (C)	mg/L	<0.50	<0.50	9798446	<0.50	0.50	9798446
Total Dissolved Solids	mg/L	160	170	9798802	190	10	9798802
Anions							
Alkalinity (PP as CaCO3)	mg/L	<1.0	<1.0	9794514	<1.0	1.0	9794856
Alkalinity (Total as CaCO3)	mg/L	120	140	9794514	130	1.0	9794856
Bicarbonate (HCO3)	mg/L	150	170	9794514	160	1.0	9794856
Carbonate (CO3)	mg/L	<1.0	<1.0	9794514	<1.0	1.0	9794856
Dissolved Fluoride (F)	mg/L	0.083	<0.050	9796439	0.15	0.050	9796439
Hydroxide (OH)	mg/L	<1.0	<1.0	9794514	<1.0	1.0	9794856
Total Sulphide	mg/L	<0.0018	<0.0018	9797257	<0.0018	0.0018	9797257
Dissolved Chloride (Cl)	mg/L	7.2	7.9	9794896	9.3	1.0	9794897
Dissolved Sulphate (SO4)	mg/L	9.1	7.7	9794896	10	1.0	9794897
MISCELLANEOUS							
True Colour	Col. Unit	<5.0	<5.0	9794882	<5.0	5.0	9794882
UV absorbance (254nm)	AU/cm	<0.010	0.022	9797588	0.035	0.010	9797588
Nutrients							
Total Ammonia (N)	mg/L	<0.015	<0.015	9799750	<0.015	0.015	9799750
Nitrate plus Nitrite (N)	mg/L	0.788	0.855	9795637	0.673	0.020	9795644
Total Nitrogen (N)	mg/L	0.761	0.857	9796134	0.659	0.020	9796134
Physical Properties							
Turbidity	NTU	<0.10	<0.10	9794440	0.59	0.10	9794440

RDL = Reportable Detection Limit
N/A = Not Applicable

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BV Labs Job #: C018069
Report Date: 2020/03/19

VILLAGE OF PORT ALICE
Client Project #: VIHA Well Testing
Your P.O. #: 6736

VIHA PKG, WELLS/SPRINGS - BURNABY (WATER)

BV Labs ID		XN4140	XN4141		XN4142		
Sampling Date		2020/03/10 10:00	2020/03/10 10:15		2020/03/10 10:30		
COC Number		607037-01-01	607037-01-01		607037-01-01		
	UNITS	WELL 2	WELL 3	QC Batch	WELL 4	RDL	QC Batch
Elements							
Total Mercury (Hg)	ug/L	<0.0019	<0.0019	9797892	<0.0019	0.0019	9797892
Total Metals by ICPMS							
Total Aluminum (Al)	ug/L	<3.0	<3.0	9795444	<3.0	3.0	9795444
Total Antimony (Sb)	ug/L	<0.50	<0.50	9795444	<0.50	0.50	9795444
Total Arsenic (As)	ug/L	1.41	0.46	9795444	0.97	0.10	9795444
Total Barium (Ba)	ug/L	6.1	2.5	9795444	11.5	1.0	9795444
Total Beryllium (Be)	ug/L	<0.10	<0.10	9795444	<0.10	0.10	9795444
Total Bismuth (Bi)	ug/L	<1.0	<1.0	9795444	<1.0	1.0	9795444
Total Boron (B)	ug/L	<50	<50	9795444	<50	50	9795444
Total Cadmium (Cd)	ug/L	<0.010	<0.010	9795444	<0.010	0.010	9795444
Total Chromium (Cr)	ug/L	<1.0	<1.0	9795444	<1.0	1.0	9795444
Total Cobalt (Co)	ug/L	<0.20	<0.20	9795444	<0.20	0.20	9795444
Total Copper (Cu)	ug/L	0.27	0.39	9795444	1.55	0.20	9795444
Total Iron (Fe)	ug/L	<5.0	<5.0	9795444	82.5	5.0	9795444
Total Lead (Pb)	ug/L	<0.20	<0.20	9795444	<0.20	0.20	9795444
Total Manganese (Mn)	ug/L	<1.0	<1.0	9795444	<1.0	1.0	9795444
Total Molybdenum (Mo)	ug/L	1.3	<1.0	9795444	2.3	1.0	9795444
Total Nickel (Ni)	ug/L	<1.0	<1.0	9795444	<1.0	1.0	9795444
Total Selenium (Se)	ug/L	0.22	0.12	9795444	0.37	0.10	9795444
Total Silicon (Si)	ug/L	5910	5920	9795444	5790	100	9795444
Total Silver (Ag)	ug/L	<0.020	<0.020	9795444	<0.020	0.020	9795444
Total Strontium (Sr)	ug/L	347	238	9795444	516	1.0	9795444
Total Thallium (Tl)	ug/L	<0.010	<0.010	9795444	<0.010	0.010	9795444
Total Tin (Sn)	ug/L	<5.0	<5.0	9795444	<5.0	5.0	9795444
Total Titanium (Ti)	ug/L	<5.0	<5.0	9795444	<5.0	5.0	9795444
Total Uranium (U)	ug/L	0.71	0.26	9795444	1.06	0.10	9795444
Total Vanadium (V)	ug/L	<5.0	<5.0	9795444	<5.0	5.0	9795444
Total Zinc (Zn)	ug/L	<5.0	<5.0	9795444	<5.0	5.0	9795444
Total Zirconium (Zr)	ug/L	<0.10	<0.10	9795444	<0.10	0.10	9795444
Total Calcium (Ca)	mg/L	40.5	45.5	9794192	40.5	0.050	9794192
Total Magnesium (Mg)	mg/L	7.13	6.01	9794192	8.92	0.050	9794192
Total Potassium (K)	mg/L	0.624	0.697	9794192	0.711	0.050	9794192
RDL = Reportable Detection Limit							

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VILLAGE OF PORT ALICE
Client Project #: VIHA Well Testing
Your P.O. #: 6736

VIHA PKG, WELLS/SPRINGS - BURNABY (WATER)

BV Labs ID		XN4140	XN4141		XN4142		
Sampling Date		2020/03/10 10:00	2020/03/10 10:15		2020/03/10 10:30		
COC Number		607037-01-01	607037-01-01		607037-01-01		
	UNITS	WELL 2	WELL 3	QC Batch	WELL 4	RDL	QC Batch
Total Sodium (Na)	mg/L	5.55	5.45	9794192	7.08	0.050	9794192
Total Sulphur (S)	mg/L	3.3	<3.0	9794192	3.7	3.0	9794192
Microbiological Param.							
Heterotrophic Plate Count	CFU/mL	<1	<1	9794408	<1	1	9794408
Iron Bacteria	CFU/mL	<25	25	9794409	<25	25	9794409
Sulphate reducing bacteria	CFU/mL	<75	<75	9794410	<75	75	9794410
Total Coliforms	CFU/100mL	0	0	9794393	0	N/A	9794393
E. coli	CFU/100mL	0	0	9794393	0	N/A	9794393
Calculated Parameters							
Langelier Index (@ 4.4C)	N/A	-0.0990	0.0430	9794197	-0.0800	N/A	9794197
Langelier Index (@ 60C)	N/A	0.942	1.08	9794198	0.961	N/A	9794198
Saturation pH (@ 4.4C)	N/A	8.22	8.13	9794197	8.20	N/A	9794197
Saturation pH (@ 60C)	N/A	7.18	7.09	9794198	7.16	N/A	9794198

RDL = Reportable Detection Limit
N/A = Not Applicable

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GENERAL COMMENTS

Sample XN4140 [WELL 2] : Sample was analyzed past recommended hold time for Heterotropic Plate Count (MF) in Water. Sample was analyzed past recommended hold time for Iron Related Bacteria. Sample was analyzed past recommended hold time for Sulphate Reducing Bacteria.

Sample XN4141 [WELL 3] : Sample was analyzed past recommended hold time for Heterotropic Plate Count (MF) in Water. Sample was analyzed past recommended hold time for Iron Related Bacteria. Sample was analyzed past recommended hold time for Sulphate Reducing Bacteria.

Sample XN4142 [WELL 4] : Sample was analyzed past recommended hold time for Heterotropic Plate Count (MF) in Water. Sample was analyzed past recommended hold time for Iron Related Bacteria. Sample was analyzed past recommended hold time for Sulphate Reducing Bacteria.

Results relate only to the items tested.

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VILLAGE OF PORT ALICE
Client Project #: VIHA Well Testing
Your P.O. #: 6736

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9794392	CGP	Spiked Blank	pH	2020/03/11		101	%	97 - 103
9794392	CGP	RPD	pH	2020/03/11	0.89		%	N/A
9794440	WAY	Spiked Blank	Turbidity	2020/03/11		100	%	80 - 120
9794440	WAY	Method Blank	Turbidity	2020/03/11	<0.10		NTU	
9794440	WAY	RPD [XN4140-02]	Turbidity	2020/03/11	NC		%	20
9794514	CGP	Matrix Spike	Alkalinity (Total as CaCO3)	2020/03/11		NC	%	80 - 120
9794514	CGP	Spiked Blank	Alkalinity (Total as CaCO3)	2020/03/11		100	%	80 - 120
9794514	CGP	Method Blank	Alkalinity (PP as CaCO3)	2020/03/11	<1.0		mg/L	
			Alkalinity (Total as CaCO3)	2020/03/11	<1.0		mg/L	
			Bicarbonate (HCO3)	2020/03/11	<1.0		mg/L	
			Carbonate (CO3)	2020/03/11	<1.0		mg/L	
			Hydroxide (OH)	2020/03/11	<1.0		mg/L	
9794514	CGP	RPD	Alkalinity (PP as CaCO3)	2020/03/11	NC		%	20
			Alkalinity (Total as CaCO3)	2020/03/11	0.46		%	20
			Bicarbonate (HCO3)	2020/03/11	0.46		%	20
			Carbonate (CO3)	2020/03/11	NC		%	20
			Hydroxide (OH)	2020/03/11	NC		%	20
9794515	CGP	Spiked Blank	Conductivity	2020/03/11		99	%	80 - 120
9794515	CGP	Method Blank	Conductivity	2020/03/11	<2.0		uS/cm	
9794515	CGP	RPD	Conductivity	2020/03/11	0.26		%	10
9794856	CGP	Matrix Spike [XN4142-05]	Alkalinity (Total as CaCO3)	2020/03/11		NC	%	80 - 120
9794856	CGP	Spiked Blank	Alkalinity (Total as CaCO3)	2020/03/11		97	%	80 - 120
9794856	CGP	Method Blank	Alkalinity (PP as CaCO3)	2020/03/11	<1.0		mg/L	
			Alkalinity (Total as CaCO3)	2020/03/11	<1.0		mg/L	
			Bicarbonate (HCO3)	2020/03/11	<1.0		mg/L	
			Carbonate (CO3)	2020/03/11	<1.0		mg/L	
			Hydroxide (OH)	2020/03/11	<1.0		mg/L	
9794856	CGP	RPD [XN4142-05]	Alkalinity (PP as CaCO3)	2020/03/11	NC		%	20
			Alkalinity (Total as CaCO3)	2020/03/11	1.6		%	20
			Bicarbonate (HCO3)	2020/03/11	1.6		%	20
			Carbonate (CO3)	2020/03/11	NC		%	20
			Hydroxide (OH)	2020/03/11	NC		%	20
9794863	CGP	Spiked Blank	Conductivity	2020/03/11		99	%	80 - 120
9794863	CGP	Method Blank	Conductivity	2020/03/11	<2.0		uS/cm	
9794863	CGP	RPD [XN4142-05]	Conductivity	2020/03/11	2.9		%	10
9794867	CGP	Spiked Blank	pH	2020/03/11		101	%	97 - 103
9794867	CGP	RPD [XN4142-05]	pH	2020/03/11	0.61		%	N/A
9794882	BO3	Spiked Blank	True Colour	2020/03/11		100	%	80 - 120
9794882	BO3	Method Blank	True Colour	2020/03/11	<5.0		Col. Unit	
9794882	BO3	RPD	True Colour	2020/03/11	NC		%	20
9794896	BB3	Matrix Spike	Dissolved Chloride (Cl)	2020/03/11		NC	%	80 - 120
			Dissolved Sulphate (SO4)	2020/03/11		105	%	80 - 120
9794896	BB3	Spiked Blank	Dissolved Chloride (Cl)	2020/03/11		103	%	80 - 120
			Dissolved Sulphate (SO4)	2020/03/11		99	%	80 - 120
9794896	BB3	Method Blank	Dissolved Chloride (Cl)	2020/03/11	<1.0		mg/L	
			Dissolved Sulphate (SO4)	2020/03/11	<1.0		mg/L	
9794896	BB3	RPD	Dissolved Chloride (Cl)	2020/03/11	0.18		%	20
			Dissolved Sulphate (SO4)	2020/03/11	NC		%	20
9794897	BB3	Matrix Spike [XN4142-01]	Dissolved Chloride (Cl)	2020/03/11		99	%	80 - 120
			Dissolved Sulphate (SO4)	2020/03/11		104	%	80 - 120
9794897	BB3	Spiked Blank	Dissolved Chloride (Cl)	2020/03/11		102	%	80 - 120
			Dissolved Sulphate (SO4)	2020/03/11		98	%	80 - 120
9794897	BB3	Method Blank	Dissolved Chloride (Cl)	2020/03/11	<1.0		mg/L	
			Dissolved Sulphate (SO4)	2020/03/11	<1.0		mg/L	

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VILLAGE OF PORT ALICE
Client Project #: VIHA Well Testing
Your P.O. #: 6736

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9794897	BB3	RPD [XN4142-01]	Dissolved Chloride (Cl)	2020/03/11	1.2		%	20
			Dissolved Sulphate (SO4)	2020/03/11	1.3		%	20
9795444	AA1	Matrix Spike	Total Aluminum (Al)	2020/03/13		102	%	80 - 120
			Total Antimony (Sb)	2020/03/13		104	%	80 - 120
			Total Arsenic (As)	2020/03/13		105	%	80 - 120
			Total Barium (Ba)	2020/03/13		NC	%	80 - 120
			Total Beryllium (Be)	2020/03/13		95	%	80 - 120
			Total Bismuth (Bi)	2020/03/13		96	%	80 - 120
			Total Boron (B)	2020/03/13		NC	%	80 - 120
			Total Cadmium (Cd)	2020/03/13		99	%	80 - 120
			Total Chromium (Cr)	2020/03/13		94	%	80 - 120
			Total Cobalt (Co)	2020/03/13		92	%	80 - 120
			Total Copper (Cu)	2020/03/13		91	%	80 - 120
			Total Iron (Fe)	2020/03/13		100	%	80 - 120
			Total Lead (Pb)	2020/03/13		100	%	80 - 120
			Total Manganese (Mn)	2020/03/13		NC	%	80 - 120
			Total Molybdenum (Mo)	2020/03/13		109	%	80 - 120
			Total Nickel (Ni)	2020/03/13		92	%	80 - 120
			Total Selenium (Se)	2020/03/13		102	%	80 - 120
			Total Silicon (Si)	2020/03/13		NC	%	80 - 120
			Total Silver (Ag)	2020/03/13		96	%	80 - 120
			Total Strontium (Sr)	2020/03/13		NC	%	80 - 120
			Total Thallium (Tl)	2020/03/13		100	%	80 - 120
			Total Tin (Sn)	2020/03/13		102	%	80 - 120
			Total Titanium (Ti)	2020/03/13		102	%	80 - 120
			Total Uranium (U)	2020/03/13		107	%	80 - 120
			Total Vanadium (V)	2020/03/13		101	%	80 - 120
			Total Zinc (Zn)	2020/03/13		95	%	80 - 120
			Total Zirconium (Zr)	2020/03/13		111	%	80 - 120
9795444	AA1	Spiked Blank	Total Aluminum (Al)	2020/03/13		102	%	80 - 120
			Total Antimony (Sb)	2020/03/13		101	%	80 - 120
			Total Arsenic (As)	2020/03/13		104	%	80 - 120
			Total Barium (Ba)	2020/03/13		100	%	80 - 120
			Total Beryllium (Be)	2020/03/13		99	%	80 - 120
			Total Bismuth (Bi)	2020/03/13		101	%	80 - 120
			Total Boron (B)	2020/03/13		97	%	80 - 120
			Total Cadmium (Cd)	2020/03/13		102	%	80 - 120
			Total Chromium (Cr)	2020/03/13		97	%	80 - 120
			Total Cobalt (Co)	2020/03/13		95	%	80 - 120
			Total Copper (Cu)	2020/03/13		97	%	80 - 120
			Total Iron (Fe)	2020/03/13		103	%	80 - 120
			Total Lead (Pb)	2020/03/13		102	%	80 - 120
			Total Manganese (Mn)	2020/03/13		99	%	80 - 120
			Total Molybdenum (Mo)	2020/03/13		102	%	80 - 120
			Total Nickel (Ni)	2020/03/13		98	%	80 - 120
			Total Selenium (Se)	2020/03/13		103	%	80 - 120
			Total Silicon (Si)	2020/03/13		106	%	80 - 120
			Total Silver (Ag)	2020/03/13		98	%	80 - 120
			Total Strontium (Sr)	2020/03/13		102	%	80 - 120
			Total Thallium (Tl)	2020/03/13		101	%	80 - 120
			Total Tin (Sn)	2020/03/13		101	%	80 - 120
			Total Titanium (Ti)	2020/03/13		100	%	80 - 120
			Total Uranium (U)	2020/03/13		106	%	80 - 120
			Total Vanadium (V)	2020/03/13		99	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Zinc (Zn)	2020/03/13		104	%	80 - 120
			Total Zirconium (Zr)	2020/03/13		100	%	80 - 120
9795444	AA1	Method Blank	Total Aluminum (Al)	2020/03/13	<3.0		ug/L	
			Total Antimony (Sb)	2020/03/13	<0.50		ug/L	
			Total Arsenic (As)	2020/03/13	<0.10		ug/L	
			Total Barium (Ba)	2020/03/13	<1.0		ug/L	
			Total Beryllium (Be)	2020/03/13	<0.10		ug/L	
			Total Bismuth (Bi)	2020/03/13	<1.0		ug/L	
			Total Boron (B)	2020/03/13	<50		ug/L	
			Total Cadmium (Cd)	2020/03/13	<0.010		ug/L	
			Total Chromium (Cr)	2020/03/13	<1.0		ug/L	
			Total Cobalt (Co)	2020/03/13	<0.20		ug/L	
			Total Copper (Cu)	2020/03/13	<0.20		ug/L	
			Total Iron (Fe)	2020/03/13	<5.0		ug/L	
			Total Lead (Pb)	2020/03/13	<0.20		ug/L	
			Total Manganese (Mn)	2020/03/13	<1.0		ug/L	
			Total Molybdenum (Mo)	2020/03/13	<1.0		ug/L	
			Total Nickel (Ni)	2020/03/13	<1.0		ug/L	
			Total Selenium (Se)	2020/03/13	<0.10		ug/L	
			Total Silicon (Si)	2020/03/13	<100		ug/L	
			Total Silver (Ag)	2020/03/13	<0.020		ug/L	
			Total Strontium (Sr)	2020/03/13	<1.0		ug/L	
			Total Thallium (Tl)	2020/03/13	<0.010		ug/L	
			Total Tin (Sn)	2020/03/13	<5.0		ug/L	
			Total Titanium (Ti)	2020/03/13	<5.0		ug/L	
			Total Uranium (U)	2020/03/13	<0.10		ug/L	
			Total Vanadium (V)	2020/03/13	<5.0		ug/L	
			Total Zinc (Zn)	2020/03/13	<5.0		ug/L	
			Total Zirconium (Zr)	2020/03/13	<0.10		ug/L	
9795444	AA1	RPD	Total Arsenic (As)	2020/03/13	1.6		%	20
9795637	SHI	Matrix Spike	Nitrate plus Nitrite (N)	2020/03/12		NC	%	80 - 120
9795637	SHI	Spiked Blank	Nitrate plus Nitrite (N)	2020/03/12		107	%	80 - 120
9795637	SHI	Method Blank	Nitrate plus Nitrite (N)	2020/03/12	<0.020		mg/L	
9795637	SHI	RPD	Nitrate plus Nitrite (N)	2020/03/12	0.10		%	25
9795639	SHI	Matrix Spike	Nitrite (N)	2020/03/12		NC	%	80 - 120
9795639	SHI	Spiked Blank	Nitrite (N)	2020/03/12		108	%	80 - 120
9795639	SHI	Method Blank	Nitrite (N)	2020/03/12	<0.0050		mg/L	
9795639	SHI	RPD	Nitrite (N)	2020/03/12	0.082		%	20
9795644	SHI	Spiked Blank	Nitrate plus Nitrite (N)	2020/03/12		113	%	80 - 120
9795644	SHI	Method Blank	Nitrate plus Nitrite (N)	2020/03/12	<0.020		mg/L	
9795648	SHI	Spiked Blank	Nitrite (N)	2020/03/12		106	%	80 - 120
9795648	SHI	Method Blank	Nitrite (N)	2020/03/12	<0.0050		mg/L	
9796134	MO5	Matrix Spike [XN4140-09]	Total Nitrogen (N)	2020/03/13		NC	%	80 - 120
9796134	MO5	Spiked Blank	Total Nitrogen (N)	2020/03/13		102	%	80 - 120
9796134	MO5	Method Blank	Total Nitrogen (N)	2020/03/13	<0.020		mg/L	
9796134	MO5	RPD [XN4140-09]	Total Nitrogen (N)	2020/03/13	1.9		%	20
9796439	MO5	Matrix Spike	Dissolved Fluoride (F)	2020/03/12		117	%	80 - 120
9796439	MO5	Spiked Blank	Dissolved Fluoride (F)	2020/03/12		106	%	80 - 120
9796439	MO5	Method Blank	Dissolved Fluoride (F)	2020/03/12	<0.050		mg/L	
9796439	MO5	RPD	Dissolved Fluoride (F)	2020/03/12	NC		%	20
9797257	PK8	Matrix Spike	Total Sulphide	2020/03/13		99	%	80 - 120
9797257	PK8	Spiked Blank	Total Sulphide	2020/03/13		91	%	80 - 120
9797257	PK8	Method Blank	Total Sulphide	2020/03/13	<0.0018		mg/L	
9797257	PK8	RPD	Total Sulphide	2020/03/13	4.3		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9797588	KD9	Spiked Blank	UV absorbance (254nm)	2020/03/13		100	%	N/A
9797588	KD9	Method Blank	UV absorbance (254nm)	2020/03/13	<0.010		AU/cm	
9797588	KD9	RPD [XN4140-04]	UV absorbance (254nm)	2020/03/13	NC		%	20
9797892	CJY	Matrix Spike	Total Mercury (Hg)	2020/03/14		96	%	80 - 120
9797892	CJY	Spiked Blank	Total Mercury (Hg)	2020/03/14		90	%	80 - 120
9797892	CJY	Method Blank	Total Mercury (Hg)	2020/03/14	<0.0019		ug/L	
9797892	CJY	RPD	Total Mercury (Hg)	2020/03/14	NC		%	20
9798446	TMU	Matrix Spike	Total Organic Carbon (C)	2020/03/17		88	%	80 - 120
9798446	TMU	Spiked Blank	Total Organic Carbon (C)	2020/03/17		88	%	80 - 120
9798446	TMU	Method Blank	Total Organic Carbon (C)	2020/03/17	<0.50		mg/L	
9798446	TMU	RPD	Total Organic Carbon (C)	2020/03/17	8.8		%	20
9798802	SHI	Matrix Spike	Total Dissolved Solids	2020/03/17		106	%	80 - 120
9798802	SHI	Spiked Blank	Total Dissolved Solids	2020/03/17		106	%	80 - 120
9798802	SHI	Method Blank	Total Dissolved Solids	2020/03/17	<10		mg/L	
9798802	SHI	RPD	Total Dissolved Solids	2020/03/17	2.4		%	20
9799750	FM0	Matrix Spike	Total Ammonia (N)	2020/03/17		102	%	80 - 120
9799750	FM0	Spiked Blank	Total Ammonia (N)	2020/03/17		108	%	80 - 120
9799750	FM0	Method Blank	Total Ammonia (N)	2020/03/17	<0.015		mg/L	
9799750	FM0	RPD	Total Ammonia (N)	2020/03/17	NC		%	20

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

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VILLAGE OF PORT ALICE
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VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Andy Lu, Ph.D., P.Chem., Scientific Specialist

Harry (Peng) Liang, Senior Analyst

Rob Reinert, B.Sc., Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

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INVOICE TO:

Company Name: #11788 VILLAGE OF PORT ALICE
Contact Name: JASON YUNKER
Address: PO BOX 130 721 Marine Dr.
PORT ALICE BC V0N 2N0
Phone: (250) 284-6612 Fax:
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Report Information

Company Name:
Contact Name:
Address:
Phone: Fax:
Email:

Project Information

Quotation #: B71255
P.O. #: 6736
Project #: VIHA Well Testing
Project Name:
Site #:
Sampled By:

C018069_COC

Bottle Order #: 607037

Chain Of Custody Record: C#607037-01-01

Project Manager: Customer Solutions

Regulatory Criteria
- [ ] CSR
- [ ] CCME
- [x] BC Water Quality
- [ ] Other

Special Instructions: Microbiology samples are time sensitive

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y / N)	VIHA Pkg. Wells/Springs - Burnaby	# of Bottles	Comments
1		Well 2	2020/03/10	10:00 am	1 bottle		X		Microbiology samples need to be done ASAP (within 24 hrs)
2		Well 3	2020/03/10	10:15 am	1 bottle		X		
3		Well 4	2020/03/10	10:30 am	1 bottle		X		
4									
5									
6									
7									
8									
9									
10									

Turnaround Time (TAT) Required
Please provide advance notice for rush projects
Regular (Standard) TAT: (will be applied if Rush TAT is not specified) [ ]
Standard TAT = 5-7 Working days for most tests
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details
Job Specific Rush TAT (if applies to entire submission)
1 DAY [ ] 2 Day [ ] 3 Day [ ] Date Required: [ ]
Rush Confirmation Number: (call lab for #)

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted
Susan Yunker	20/03/10		Andrew Arnold	20/03/11	08:30	NA

Lab Use Only: Time Sensitive [ ] Temperature (°C) on Receipt 2.1 | 2 Custody Seal Intact on Cooler? [ ] Yes [✓] No

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.
* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: BV Labs Yellow: Client

Bureau Veritas Canada (2019) Inc.

Water Sample Range Report

Island Health

Facility Name: PORT ALICE WATER SYSTEM
Facility Type: 301-10000 (DWT)
Date Range: Jan 1 2020 to Dec 31 2020
Date Created: Feb 01 2021

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
1134 Haida Ave., Port Alice, Well #2, Source site, Monthly				
	07-Jan-2020	L1	L1	
	04-Feb-2020 8:36:00 AM	LT1	LT1	
	10-Mar-2020 8:40:00 AM	LT1	LT1	
	14-Apr-2020 8:50:00 AM	LT1	LT1	
	04-May-2020 9:10:00 AM	LT1	LT1	
	01-Jun-2020 8:40:00 AM	LT1	LT1	
	06-Jul-2020 8:50:00 AM	LT1	LT1	
	04-Aug-2020 8:40:00 AM	LT1	LT1	
	08-Sep-2020 8:52:00 AM	LT1	LT1	
	02-Nov-2020 8:45:00 AM	LT1	LT1	
	07-Dec-2020 8:50:00 AM	LT1	LT1	
	Total Positive:	**0**	**0**	**0**

Result Values: **E - estimated** **L - less than** **G - greater than**

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 submitted unsatisfactory. Exceeded 30 hours holding time, please resample.
NS No sample received with requisition

Samples that contain total coliform:	0	0.00% of total
Samples that contain e. coli:	0	0.00% of total
Samples that contain fecal coliform:	0	0.00% of total
Number of positive samples in last 30 days:	0/0	
Total number of samples:	11	

Comments:

Environmental Health Officer
Jun 2 2021

FOR FURTHER INFORMATION PLEASE CALL: Bergsma, Eric (250) 902-6071 Port Hardy Office

Operator

Village Of Port Alice
Box 130
Port Alice, BC
V0N 2N0

(250) 284-6612