



Your C.O.C. #: WI032285

**Attention: Dave Martin**

Mill Bay Water District  
PO Box 58  
875 Deloume Road  
Mill Bay, BC  
Canada V0R 2P0

**Report Date: 2023/03/16**

Report #: R3311186

Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C316368**

**Received: 2023/03/09, 11:04**

Sample Matrix: Drinking Water  
# Samples Received: 3

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Alkalinity @25C (pp, total), CO3,HCO3,OH	3	N/A	2023/03/10	BBY6SOP-00026	SM 23 2320 B m
Chloride/Sulphate by Auto Colourimetry	3	N/A	2023/03/10	BBY6SOP-00011 / BBY6SOP-00017	SM23-4500-Cl/SO4-E m
Colour (True) by Kone Lab	3	N/A	2023/03/10	BBY6SOP-00057	SM 23 2120 C m
Conductivity @25C	3	N/A	2023/03/10	BBY6SOP-00026	SM 23 2510 B m
Fluoride	3	N/A	2023/03/10	BBY6SOP-00048	SM 23 4500-F C m
Hardness Total (calculated as CaCO3) (1)	3	N/A	2023/03/16	BBY WI-00033	Auto Calc
Mercury (Total) by CV	3	2023/03/10	2023/03/10	AB SOP-00084	BCMOE BCLM Oct2013 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2023/03/16	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (total)	3	N/A	2023/03/10	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Nitrate + Nitrite (N)	3	N/A	2023/03/10	BBY6SOP-00010	SM 23 4500-NO3- I m
Nitrite (N) by CFA	3	N/A	2023/03/10	BBY6SOP-00010	SM 23 4500-NO3- I m
Nitrogen - Nitrate (as N)	3	N/A	2023/03/13	BBY WI-00033	Auto Calc
pH @25°C (2)	3	N/A	2023/03/10	BBY6SOP-00026	SM 23 4500-H+ B m
Total Dissolved Solids (Filt. Residue)	3	2023/03/14	2023/03/15	BBY6SOP-00033	SM 23 2540 C m
Tot Coliform/E.Coli by MF-Chromocult(PW)	3	N/A	2023/03/10	BBY4SOP-00143	Merck KGaA Version 1
Turbidity	3	N/A	2023/03/10	BBY6SOP-00027	SM 23 2130 B m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas 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 Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas 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.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas 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 Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the



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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 Bureau Veritas, 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) "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).

(2) 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 endeavours to analyze samples as soon as possible after receipt.

**Encryption Key**

Please direct all questions regarding this Certificate of Analysis to:

Customer Solutions, Western Canada Customer Experience Team

Email: customersolutionswest@bureauveritas.com

Phone# (604) 734 7276

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This report has been generated and distributed using a secure automated process.

Bureau Veritas 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 Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Raphael Kwan, Senior Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.



**DRINKING WATER PACKAGE (REGULATED)**

Bureau Veritas ID					BNE589		BNE590		
Sampling Date					2023/03/09 10:00		2023/03/09 09:30		
COC Number					WI032285		WI032285		
	UNITS	MAC	AO	OG	WELL # 15603 RAW	QC Batch	WELL # 786 RAW	RDL	QC Batch
<b>ANIONS</b>									
Nitrite (N)	mg/L	1	-	-	<0.0050	A905865	<0.0050	0.0050	A905865
<b>Calculated Parameters</b>									
Total Hardness (CaCO3)	mg/L	-	-	-	73.7	A903862	92.3	0.50	A903862
Nitrate (N)	mg/L	10	-	-	<0.020	A903881	<0.020	0.020	A903881
<b>Misc. Inorganics</b>									
Conductivity	uS/cm	-	-	-	200	A906879	230	2.0	A906879
pH	pH	-	-	7.0:10.5	7.89	A906870	7.58	N/A	A906870
Total Dissolved Solids	mg/L	-	500	-	110	A908667	160	10	A908669
<b>Anions</b>									
Alkalinity (PP as CaCO3)	mg/L	-	-	-	<1.0	A906873	<1.0	1.0	A906873
Alkalinity (Total as CaCO3)	mg/L	-	-	-	93	A906873	110	1.0	A906873
Bicarbonate (HCO3)	mg/L	-	-	-	110	A906873	140	1.0	A906873
Carbonate (CO3)	mg/L	-	-	-	<1.0	A906873	<1.0	1.0	A906873
Dissolved Fluoride (F)	mg/L	1.5	-	-	0.10	A905407	0.10	0.050	A905407
Hydroxide (OH)	mg/L	-	-	-	<1.0	A906873	<1.0	1.0	A906873
Chloride (Cl)	mg/L	-	250	-	2.5	A905724	6.3	1.0	A905724
Sulphate (SO4)	mg/L	-	500	-	7.0	A905724	<1.0	1.0	A905724
<b>MISCELLANEOUS</b>									
True Colour	Col. Unit	-	15	-	<5.0	A905794	6.6	5.0	A905794
<b>Nutrients</b>									
Nitrate plus Nitrite (N)	mg/L	-	-	-	<0.020	A905864	<0.020	0.020	A905864
<b>Physical Properties</b>									
Turbidity	NTU	see remark	see remark	see remark	<0.10	A905766	8.3	0.10	A905766
<b>Elements</b>									
Total Mercury (Hg)	ug/L	1	-	-	<0.0019	A905388	<0.0019	0.0019	A905388
<b>Total Metals by ICPMS</b>									
Total Aluminum (Al)	ug/L	2900	-	100	<3.0	A905564	<3.0	3.0	A905564
Total Antimony (Sb)	ug/L	6	-	-	<0.50	A905564	<0.50	0.50	A905564
Total Arsenic (As)	ug/L	10	-	-	0.55	A905564	1.61	0.10	A905564
Total Barium (Ba)	ug/L	2000	-	-	3.6	A905564	38.3	1.0	A905564
Total Boron (B)	ug/L	5000	-	-	<50	A905564	58	50	A905564
Total Cadmium (Cd)	ug/L	7	-	-	<0.010	A905564	<0.010	0.010	A905564
No Fill	No Exceedance								
Grey	Exceeds 1 criteria policy/level								
Black	Exceeds both criteria/levels								
RDL = Reportable Detection Limit									
N/A = Not Applicable									



**DRINKING WATER PACKAGE (REGULATED)**

Bureau Veritas ID					BNE589		BNE590		
Sampling Date					2023/03/09 10:00		2023/03/09 09:30		
COC Number					WI032285		WI032285		
	UNITS	MAC	AO	OG	WELL # 15603 RAW	QC Batch	WELL # 786 RAW	RDL	QC Batch
Total Chromium (Cr)	ug/L	50	-	-	<1.0	A905564	<1.0	1.0	A905564
Total Cobalt (Co)	ug/L	-	-	-	<0.20	A905564	<0.20	0.20	A905564
Total Copper (Cu)	ug/L	2000	1000	-	1.17	A905564	0.22	0.20	A905564
Total Iron (Fe)	ug/L	-	300	-	<5.0	A905564	<b>2500</b>	5.0	A905564
Total Lead (Pb)	ug/L	5	-	-	<0.20	A905564	<0.20	0.20	A905564
Total Manganese (Mn)	ug/L	120	20	-	11.2	A905564	<b>164</b>	1.0	A905564
Total Molybdenum (Mo)	ug/L	-	-	-	2.5	A905564	<1.0	1.0	A905564
Total Nickel (Ni)	ug/L	-	-	-	<1.0	A905564	<1.0	1.0	A905564
Total Selenium (Se)	ug/L	50	-	-	<0.10	A905564	<0.10	0.10	A905564
Total Silicon (Si)	ug/L	-	-	-	8250	A905564	13000	100	A905564
Total Silver (Ag)	ug/L	-	-	-	<0.020	A905564	<0.020	0.020	A905564
Total Strontium (Sr)	ug/L	7000	-	-	269	A905564	134	1.0	A905564
Total Uranium (U)	ug/L	20	-	-	1.01	A905564	<0.10	0.10	A905564
Total Vanadium (V)	ug/L	-	-	-	<5.0	A905564	<5.0	5.0	A905564
Total Zinc (Zn)	ug/L	-	5000	-	<5.0	A905564	7.2	5.0	A905564
Total Calcium (Ca)	mg/L	-	-	-	23.0	A904148	25.6	0.050	A904148
Total Magnesium (Mg)	mg/L	-	-	-	3.95	A904148	6.89	0.050	A904148
Total Potassium (K)	mg/L	-	-	-	0.062	A904148	1.08	0.050	A904148
Total Sodium (Na)	mg/L	-	200	-	11.4	A904148	9.42	0.050	A904148
Total Sulphur (S)	mg/L	-	-	-	<3.0	A904148	<3.0	3.0	A904148
<b>Microbiological Param.</b>									
Total Coliforms	CFU/100mL	0	-	-	0	A905574	0	N/A	A905574
E. coli	CFU/100mL	0	-	-	0	A905574	0	N/A	A905574
No Fill	No Exceedance								
Grey	Exceeds 1 criteria policy/level								
Black	Exceeds both criteria/levels								
RDL = Reportable Detection Limit									
N/A = Not Applicable									



**DRINKING WATER PACKAGE (REGULATED)**

<b>Bureau Veritas ID</b>					BNE591		
<b>Sampling Date</b>					2023/03/09 09:00		
<b>COC Number</b>					WI032285		
	<b>UNITS</b>	<b>MAC</b>	<b>AO</b>	<b>OG</b>	<b>I-WS-10</b>	<b>RDL</b>	<b>QC Batch</b>
<b>ANIONS</b>							
Nitrite (N)	mg/L	1	-	-	<0.0050	0.0050	A905865
<b>Calculated Parameters</b>							
Total Hardness (CaCO3)	mg/L	-	-	-	107	0.50	A903862
Nitrate (N)	mg/L	10	-	-	1.47	0.020	A903881
<b>Misc. Inorganics</b>							
Conductivity	uS/cm	-	-	-	280	2.0	A906879
pH	pH	-	-	7.0:10.5	7.13	N/A	A906870
Total Dissolved Solids	mg/L	-	500	-	170	10	A908669
<b>Anions</b>							
Alkalinity (PP as CaCO3)	mg/L	-	-	-	<1.0	1.0	A906873
Alkalinity (Total as CaCO3)	mg/L	-	-	-	110	1.0	A906873
Bicarbonate (HCO3)	mg/L	-	-	-	130	1.0	A906873
Carbonate (CO3)	mg/L	-	-	-	<1.0	1.0	A906873
Dissolved Fluoride (F)	mg/L	1.5	-	-	0.070	0.050	A905407
Hydroxide (OH)	mg/L	-	-	-	<1.0	1.0	A906873
Chloride (Cl)	mg/L	-	250	-	13	1.0	A905724
Sulphate (SO4)	mg/L	-	500	-	10	1.0	A905724
<b>MISCELLANEOUS</b>							
True Colour	Col. Unit	-	15	-	<5.0	5.0	A905794
<b>Nutrients</b>							
Nitrate plus Nitrite (N)	mg/L	-	-	-	1.47	0.020	A905864
<b>Physical Properties</b>							
Turbidity	NTU	see remark	see remark	see remark	0.21	0.10	A905766
<b>Elements</b>							
Total Mercury (Hg)	ug/L	1	-	-	<0.0019	0.0019	A905388
<b>Total Metals by ICPMS</b>							
Total Aluminum (Al)	ug/L	2900	-	100	<3.0	3.0	A905564
Total Antimony (Sb)	ug/L	6	-	-	<0.50	0.50	A905564
Total Arsenic (As)	ug/L	10	-	-	0.38	0.10	A905564
Total Barium (Ba)	ug/L	2000	-	-	8.4	1.0	A905564
Total Boron (B)	ug/L	5000	-	-	<50	50	A905564
Total Cadmium (Cd)	ug/L	7	-	-	<0.010	0.010	A905564
No Fill	No Exceedance						
Grey	Exceeds 1 criteria policy/level						
Black	Exceeds both criteria/levels						
RDL = Reportable Detection Limit							
N/A = Not Applicable							



**DRINKING WATER PACKAGE (REGULATED)**

Bureau Veritas ID					BNE591		
Sampling Date					2023/03/09 09:00		
COC Number					WI032285		
	UNITS	MAC	AO	OG	I-WS-10	RDL	QC Batch
Total Chromium (Cr)	ug/L	50	-	-	<1.0	1.0	A905564
Total Cobalt (Co)	ug/L	-	-	-	<0.20	0.20	A905564
Total Copper (Cu)	ug/L	2000	1000	-	94.8	0.20	A905564
Total Iron (Fe)	ug/L	-	300	-	17.0	5.0	A905564
Total Lead (Pb)	ug/L	5	-	-	1.31	0.20	A905564
Total Manganese (Mn)	ug/L	120	20	-	16.6	1.0	A905564
Total Molybdenum (Mo)	ug/L	-	-	-	<1.0	1.0	A905564
Total Nickel (Ni)	ug/L	-	-	-	<1.0	1.0	A905564
Total Selenium (Se)	ug/L	50	-	-	<0.10	0.10	A905564
Total Silicon (Si)	ug/L	-	-	-	10700	100	A905564
Total Silver (Ag)	ug/L	-	-	-	<0.020	0.020	A905564
Total Strontium (Sr)	ug/L	7000	-	-	233	1.0	A905564
Total Uranium (U)	ug/L	20	-	-	0.36	0.10	A905564
Total Vanadium (V)	ug/L	-	-	-	<5.0	5.0	A905564
Total Zinc (Zn)	ug/L	-	5000	-	52.9	5.0	A905564
Total Calcium (Ca)	mg/L	-	-	-	29.7	0.050	A904148
Total Magnesium (Mg)	mg/L	-	-	-	7.99	0.050	A904148
Total Potassium (K)	mg/L	-	-	-	0.547	0.050	A904148
Total Sodium (Na)	mg/L	-	200	-	15.3	0.050	A904148
Total Sulphur (S)	mg/L	-	-	-	3.6	3.0	A904148
<b>Microbiological Param.</b>							
Total Coliforms	CFU/100mL	0	-	-	0	N/A	A905574
E. coli	CFU/100mL	0	-	-	0	N/A	A905574
No Fill	No Exceedance						
Grey	Exceeds 1 criteria policy/level						
Black	Exceeds both criteria/levels						
RDL = Reportable Detection Limit							
N/A = Not Applicable							



### GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	8.7°C
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MAC,AO,OG: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, September 2020.

Criteria A = Maximum Acceptable Concentration (MAC) / Criteria B = Aesthetic Objectives (AO) / Criteria C = Operational Guidance Values (OG)  
It is recommended to consult these guidelines when interpreting your data since there are non-numerical guidelines that are not included on this report.

**Turbidity Guidelines:**

1. Chemically assisted filtration: less than or equal to 0.3 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 1.0 NTU at any time.
2. Slow sand / diatomaceous earth filtration: less than or equal to 1.0 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 3.0 NTU at any time.
3. Membrane filtration: less than or equal to 0.1 NTU in 99% of the measurements made or at least 99% of the time each calendar month. Shall not exceed 0.3 NTU at any time.
4. To ensure effectiveness of disinfection and for good operation of the distribution system, it is recommended that water entering the distribution system have turbidity levels of 1.0 NTU or less.

Measurement of Uncertainty has not been accounted for when stating conformity to the selected criteria, where applicable.

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C316368

Report Date: 2023/03/16

### QUALITY ASSURANCE REPORT

Mill Bay Water District

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
A905388	Total Mercury (Hg)	2023/03/10	106	80 - 120	104	80 - 120	<0.0019	ug/L	NC	20
A905407	Dissolved Fluoride (F)	2023/03/10	103	80 - 120	98	80 - 120	<0.050	mg/L	NC	20
A905564	Total Aluminum (Al)	2023/03/10	95	80 - 120	100	80 - 120	<3.0	ug/L	1.4	20
A905564	Total Antimony (Sb)	2023/03/10	97	80 - 120	101	80 - 120	<0.50	ug/L	NC	20
A905564	Total Arsenic (As)	2023/03/10	97	80 - 120	99	80 - 120	<0.10	ug/L	2.6	20
A905564	Total Barium (Ba)	2023/03/10	96	80 - 120	99	80 - 120	<1.0	ug/L	2.2	20
A905564	Total Boron (B)	2023/03/10	92	80 - 120	95	80 - 120	<50	ug/L	0.89	20
A905564	Total Cadmium (Cd)	2023/03/10	94	80 - 120	98	80 - 120	<0.010	ug/L	NC	20
A905564	Total Chromium (Cr)	2023/03/10	92	80 - 120	98	80 - 120	<1.0	ug/L	3.4	20
A905564	Total Cobalt (Co)	2023/03/10	91	80 - 120	97	80 - 120	<0.20	ug/L	NC	20
A905564	Total Copper (Cu)	2023/03/10	90	80 - 120	96	80 - 120	<0.20	ug/L	1.5	20
A905564	Total Iron (Fe)	2023/03/10	96	80 - 120	102	80 - 120	<5.0	ug/L	7.6	20
A905564	Total Lead (Pb)	2023/03/10	96	80 - 120	101	80 - 120	<0.20	ug/L	2.0	20
A905564	Total Manganese (Mn)	2023/03/10	92	80 - 120	98	80 - 120	<1.0	ug/L	NC	20
A905564	Total Molybdenum (Mo)	2023/03/10	101	80 - 120	103	80 - 120	<1.0	ug/L	NC	20
A905564	Total Nickel (Ni)	2023/03/10	91	80 - 120	96	80 - 120	<1.0	ug/L	1.4	20
A905564	Total Selenium (Se)	2023/03/10	97	80 - 120	101	80 - 120	<0.10	ug/L	7.0	20
A905564	Total Silicon (Si)	2023/03/10	NC	80 - 120	107	80 - 120	<100	ug/L	1.4	20
A905564	Total Silver (Ag)	2023/03/10	95	80 - 120	97	80 - 120	<0.020	ug/L	NC	20
A905564	Total Strontium (Sr)	2023/03/10	NC	80 - 120	100	80 - 120	<1.0	ug/L	0.35	20
A905564	Total Uranium (U)	2023/03/10	98	80 - 120	100	80 - 120	<0.10	ug/L	NC	20
A905564	Total Vanadium (V)	2023/03/10	94	80 - 120	99	80 - 120	<5.0	ug/L	NC	20
A905564	Total Zinc (Zn)	2023/03/10	94	80 - 120	101	80 - 120	<5.0	ug/L	NC	20
A905724	Chloride (Cl)	2023/03/10	NC	80 - 120	104	80 - 120	<1.0	mg/L	0.19	20
A905724	Sulphate (SO4)	2023/03/10	NC	80 - 120	102	80 - 120	<1.0	mg/L	1.1	20
A905766	Turbidity	2023/03/10			105	80 - 120	<0.10	NTU	11	20
A905794	True Colour	2023/03/10			100	80 - 120	<5.0	Col. Unit	NC	20
A905864	Nitrate plus Nitrite (N)	2023/03/10	NC	80 - 120	105	80 - 120	<0.020	mg/L	0.23	25
A905865	Nitrite (N)	2023/03/10	-0.30	80 - 120	98	80 - 120	<0.0050	mg/L	NC	20
A906870	pH	2023/03/10			102	97 - 103			1.7	N/A
A906873	Alkalinity (PP as CaCO3)	2023/03/10					<1.0	mg/L	NC	20
A906873	Alkalinity (Total as CaCO3)	2023/03/10	NC	80 - 120	97	80 - 120	<1.0	mg/L	1.8	20
A906873	Bicarbonate (HCO3)	2023/03/10					<1.0	mg/L	1.8	20
A906873	Carbonate (CO3)	2023/03/10					<1.0	mg/L	NC	20





BUREAU  
VERITAS

Bureau Veritas Job #: C316368

Report Date: 2023/03/16

### QUALITY ASSURANCE REPORT(CONT'D)

Mill Bay Water District

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
A906873	Hydroxide (OH)	2023/03/10					<1.0	mg/L	NC	20
A906879	Conductivity	2023/03/10			101	80 - 120	<2.0	uS/cm	2.8	10
A908667	Total Dissolved Solids	2023/03/15	105	80 - 120	103	80 - 120	<10	mg/L	4.0	20
A908669	Total Dissolved Solids	2023/03/15	95	80 - 120	94	80 - 120	<10	mg/L	0	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).



BUREAU  
VERITAS

Bureau Veritas Job #: C316368  
Report Date: 2023/03/16

Mill Bay Water District

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

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David Huang, M.Sc., P.Chem., QP, Scientific Services Manager



Bureau Veritas Proprietary Software  
Logiciel Propriétaire de Bureau Veritas

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Automated Statchk

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Bureau Veritas 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 Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by {0}, {1} responsible for {2} {3} laboratory operations.



BUREAU VERITAS

Victoria: Unit 1, 851 Viewfield Rd, Victoria, BC V9A 4V2 Ph: (250) 385-6112 Toll Free: (833) 282-5227  
Courtenay: 2755 B Moray Ave, Courtenay, BC V9N 8M9 Ph: (250) 338-7786 Toll Free: (833) 282-5227

WI 032285



BV Jc C316368\_COC

Company (Invoicing): Mill Bay Waterworks District  
Company (Reporting): Mill Bay Waterworks District  
Contact Name: Dave Martin  
Mailing Address: P.O. Box 58 875 Deloumet Rd.  
Mill Bay BC V0R-2P0  
Phone #: 250-743-9023

VANCOUVER ISLAND HEALTH  
AUTHORITY  
Medical Health Officer: 1.800.204.6166  
Drinking Water Officer: 250.755.6215

All information on this form must be completed before testing can commence.

If your drinking water source services two or more homes, we strongly recommend that you contact local health authorities to find out how the Drinking Water Protection Act applies to this system. Please be aware that, in this situation, we are legally obligated to report results directly to local health authorities.

E-mail: david.martin@millbaywater.ca  
After Hours Contact #: 778-870-7196

Payment Received: Yes  No

Regular Turnaround Time (TAT) (5 days for most tests)  RUSH Please contact the lab Surcharges will be applied

Project Name: \_\_\_\_\_ Date Required: \_\_\_\_\_

SPECIAL INSTRUCTIONS:  
Return Cooler  Ship Sample Bottles (please specify)

Sample Identification Location &/or Description	(Sample Location (eg. Tap, Wellhead))	Date/Time Sampled (24hr)	PLEASE CIRCLE				ANALYSIS REQUESTED PLEASE SELECT BELOW				Report Current Drinking Water Criteria
			Samples from a Drinking Water Source? Y/N	Does source supply multiple households? Y/N	Are individuals drinking this water? Y/N	Are you on a boil water advisory? Y/N	Drinking Water Scan	Home Safety Scan	Total Metals Scan including Hardness & Hg	Total Coliform and E. Coli	
1 Well # 15603 Raw	Tap	March 9/23 10:00	Y	Y	Y	Y					X
2 Well # 786 Raw	Tap	March 9/23 09:30	Y	Y	Y	Y					X
3 1-05-10	Tap	March 9/23 09:00	Y	Y	Y	Y					X
4			Y	Y	Y	Y					X
5			Y	Y	Y	Y					X

**Sample Collection**  
For determining drinking water quality, samples should be representative of the water that will be consumed; therefore, we suggest sampling at the kitchen tap. However, other sampling locations may be used to determine pre-treatment water quality or for troubleshooting purposes.

1. Remove aerator/screen from faucet.
2. Let the water run for 5 minutes.
3. Label the bottle with your name, date and time you are taking the sample.
4. Fill all bottle(s) provided. Take care not to touch the inside of the bottle or underside of cap.
5. Cap the sample and place it in fridge or small cooler with icepack.

**Remember:** It is important that you do not contaminate the sample as you handle the container. Wash your hands before you start and be careful not to touch the rim of the bottle or the inside of the cap.

- DON'T:**
- Don't rinse or boil any bottle you receive from the lab.
  - Don't let the sample sit out overnight, please refrigerate.
  - Don't freeze the sample.

- Sample Transportation & Delivery**
1. Samples should arrive at the laboratories (Courtenay or Victoria) within 24 hrs of sampling. Ship samples between Monday and Thursday to avoid lab scheduling conflicts.
  2. The sample should be kept cool during transit (<8°C - refrigerated or packed on ice).
  3. Fill out the Chain of Custody (COC) form beside these instructions and submit with the sample. Incomplete or missing COC's will result in delays impacting turnaround time and the lab's ability to proceed with time sensitive tests.
  4. Delivery Options:  
Personally deliver samples to Courtenay or Victoria (Samples will be forwarded to Burnaby on your behalf unless analysis is completed locally in Courtenay. Please consider sample hold times.)  
Overnight shipping to Burnaby: If you ship a sample on the same day that it was collected you can use an overnight courier.  
Same day shipping: Available in some areas. Please contact the lab for details.

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlab.com/terms-and-conditions>

Print name and sign				Laboratory Use Only							
*Relinquished By:	Date (yy/mm/dd):	Time (24 hr):	Received by:	Date (yy/mm/dd):	Time (24hr):	Time Sensitive	Temperature on Receipt (°C):	Custody Seal	Yes	No	N/A
<u>Dave Martin</u>	<u>23/03/09</u>	<u>11:02</u>	<u>Jane May Garcia</u>	<u>23/03/09</u>	<u>1104</u>	<input type="checkbox"/>	A) <u>9</u> B) <u>8</u> C) <u>9</u>	Present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							Just sampled & rec'd on ice:	Intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL LAT DELAYS AND SAMPLES ANALYZED OUTSIDE REGULATORY HOLD TIMES.

COC-1035

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