

February 1, 2022

Dear: Water System Operator

Re: Annual Reporting Requirements for Permitted Water Systems

Please find enclosed a copy of the 2021 Range Report for your water system. This report contains a summary of the bacteriological water quality results for the samples submitted through Fraser Health from your water system within the 2021 calendar year. As per the Drinking Water Protection Act the report is required to be made available to all users by June 30th 2022.

Please email HPLand@fraserhealth.ca if you would like to request a copy of the Annual Report Template.

The following are reminders for all water system operators:

- a) As drinking water testing has been deemed an essential service, all health units continue to remain open for sample drop-off on their regular designated days.
- b) Please do not use expired requisition forms as this will result in the samples either not being processed or results not being returned properly from the lab. Please discard all expired requisition forms. The expiration date is located on the bottom of the form.
- c) Please do not modify sample sites or other sections on the requisition forms. Key information is contained in the barcode and the lab is unable to include handwritten information. Please contact HPLand@fraserhealth.ca to request any changes to your requisition forms.
- d) Ensure the lead flush message provided is included with your Annual Report.
- e) The coding system from BCCDC has recently changed.

QRWRT indicates that the sample exceeded the 30 hour hold time. This could be due to courier issues or an incorrect date being recorded by the operator on the requisition forms. Water systems will still be given credit for the sample collected and a qualitative result is provided to Fraser Health. If there is bacteria detected, a separate email will be sent to the operator from Fraser Health.

REJCT DELAY3 indicates that the sample has been rejected as it has been too long in transit. No results will be provided for this sample.

Sincerely,

Drinking Water Program
Fraser Health Authority
HPLand@fraserhealth.ca



February 1, 2022

Water System Operators

Re: Metals in Drinking Water - "Flush" Message in Annual Reports

Fraser Health has recently revised its metals at the tap "Flush" message and we are asking all water systems to please include the following health message with your next annual reports to your users.

Anytime the water in a particular faucet has not been used for six hours or longer, "flush" your cold-water pipes by running the water until you notice a change in temperature. (This could take as little as five to thirty seconds if there has been recent heavy water use such as showering or toilet flushing. Otherwise, it could take two minutes or longer.) The more time water has been sitting in your home's pipes, the more lead it may contain.

Use only water from the cold-tap for drinking, cooking, and especially making baby formula. Hot water is likely to contain higher levels of lead.

The two actions recommended above are very important to the health of your family. They will probably be effective in reducing lead levels because most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.

Conserving water is still important. Rather than just running the water down the drain you could use the water for things such as watering your plants.

If you have any questions, please contact our Drinking Water Program at 604-870-7903,

Sincerely,

Drinking Water Program Fraser Health Authority HPLand@fraserhealth.ca

DRINKING WATER SYSTEM ANNUAL REPORT				
Reporting Period:	January 1 st to Decen	nber 31 st , 2021		
Water System Cultus Lake Integrated	d Water System			
Water System Owner Fraser Valley Regiona	al District			
Primary Contact Name (Operator or Manager) Dav	e Roblin			
Phone Number (Operator or Manager) 604 702 5027				
E-mail (Operator or Manager) droblin@fvrd.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 Prim	ary Disinfection?	X Yes	□ No	
☐ Ultraviolet Light	Ozone	☐ Other		
If other, specify details:				
Does the Drinking Water System have Seco	ndary Disinfection?	☐ Yes	⊠ No	
☐ Chlorination ☐ Other				
If other, specify details:				
Does the Drinking Water System have Filtro	ation?	☐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 (I	•			
Is your ERCP up to Date?	X Yes	□No		
How do you Inform the System Users of the		—		
☐ Hand Delivered ☐ Bulletin Board		Utility Bill Insert	x Website	
Other (specify details)				
Drinking Water System Annual Report				
How do you Inform the System Users of the	-			
☐ Hand Delivered ☐ Bulletin Board	□ Newspaper	Utility Bill Insert	x Website	
Other (specify details)				

Revised June 2014

	WITH OPERATING	G PERMIT			
List the cond	ditions of your	Operating Perr	mit (Contact the DWO	for a copy if need	ed):
Are you in co	ompliance wit	h your Operatir	ng Permit?	🛚 Yes	□No
BACTERIOLOG	ICAL TESTING AN	DRINKING WAT	ER PROTECTION REGULAT	ION WATER QUALITY	STANDARDS
How many b	bacteriological	l samples were	collected during this i	eporting period?	164
What is the	minimum requ	uired sampling	frequency for this sys	tem? (#samples/m	onth) 14/mnth
Additional sa	ampling details	s:			
Was the mir	nimum require	ed sampling free	quency achieved?		□ No
Comments:					
Bacteriologi	ical summary d	attached to this	report?	X Yes	□ No
If no, how de	o the users of	the system viev	v the results?		
	ITY S TANDARDS F	FOR POTABLE WA		Did +	his system most standard?
Parameter:		Standard	:		his system meet standard?
Parameter: Escherichia ((for all samples	coli s)	Standard			-
Parameter: Escherichia ((for all samples Total Colifor (if only 1 sample	coli s)	Standard No detectal	:	ml 🗓 Ye	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled period) Total Colifor (if more than 1	coli s) m Bacteria le collected in a 30	Standard No detectal No more th in a coliform ba	: ble <i>Escherichia coli</i> per 100	ml x Ye per 100ml x Ye total	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled period) Total Colifor (if more than 1	coli s) m Bacteria le collected in a 30 m Bacteria	Standard No detectal No more th in a coliform ba	ble Escherichia coli per 100 ble total coliform bacteria plan 10% of samples contain cteria, and No sample has iform bacteria per 100ml	ml x Ye per 100ml x Ye total	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled ay period) Total Colifor (if more than 1 30 day period)	coli s) m Bacteria le collected in a 30 m Bacteria sample collected	No detectal No detectal No more th coliform ba 10 total coli	ble Escherichia coli per 100 ble total coliform bacteria p an 10% of samples contain cteria, and No sample has iform bacteria per 100ml	ml x Ye per 100ml x Ye total more than	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled y period) Total Colifor (if more than 1 30 day period) If the systen	coli s) m Bacteria le collected in a 30 m Bacteria sample collected	No detectal No detectal No more th coliform ba 10 total coli	ble Escherichia coli per 100 ble total coliform bacteria plan 10% of samples contain cteria, and No sample has iform bacteria per 100ml You	ml x Ye per 100ml x Ye total more than	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled) Total Colifor (of more than 1 30 day period) If the system the table be	coli s) m Bacteria le collected in a 30 m Bacteria sample collected	No detectal No detectal No more th coliform ba 10 total col	ble Escherichia coli per 100 ble total coliform bacteria plan 10% of samples contain cteria, and No sample has iform bacteria per 100ml You	ml x Ye per 100ml x Ye total more than	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled) Total Colifor (if more than 1 30 day period) If the system	coli coli cm Bacteria le collected in a 30 cm Bacteria sample collected m did not meet	No detectal No more the coliform bath 10 total coliform the coliform bath 10 total colifor	ble Escherichia coli per 100 ble total coliform bacteria pan 10% of samples contain cteria, and No sample has iform bacteria per 100ml Your prinking Water Protects if necessary.	ml x Ye per 100ml x Ye total more than es tion Regulation st	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled) Total Colifor (if more than 1 30 day period) If the system the table be Date	coli coli cm Bacteria le collected in a 30 cm Bacteria sample collected cn did not meet elow; attach ad	No detectal No more the coliform bath 10 total coliform the coliform bath 10 total colifor	ble Escherichia coli per 100 ble total coliform bacteria pan 10% of samples contain cteria, and No sample has iform bacteria per 100ml Your prinking Water Protects if necessary.	ml x Ye per 100ml x Ye total more than es tion Regulation sta	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled) Total Colifor (if more than 1 30 day period) If the system the table be Date	coli coli cm Bacteria le collected in a 30 cm Bacteria sample collected cn did not meet elow; attach ad	No detectal No more the coliform bath 10 total coliform the coliform bath 10 total colifor	ble Escherichia coli per 100 ble total coliform bacteria pan 10% of samples contain cteria, and No sample has iform bacteria per 100ml Your prinking Water Protects if necessary.	ml x Ye per 100ml x Ye total more than es tion Regulation sta	s
Parameter: Escherichia of (for all samples) Total Colifor (if only 1 sampled) Total Colifor (if more than 1 30 day period) If the system the table be Date	coli coli cm Bacteria le collected in a 30 cm Bacteria sample collected cn did not meet elow; attach ad	No detectal No more the coliform bath 10 total coliform the coliform bath 10 total colifor	ble Escherichia coli per 100 ble total coliform bacteria pan 10% of samples contain cteria, and No sample has iform bacteria per 100ml Your prinking Water Protects if necessary.	ml x Ye per 100ml x Ye total more than es tion Regulation sta	s

Revised June 2014

CHEMICAL SAMP	LING COMPLETED [OURING THIS REPORTIN	NG PERI	OD		
Was any chem	ical sampling co	nducted during rep	orting	period?	🗡 Yes	□No
If no, when we for this system		nical samples condu	ıcted	If yes, did all water samples meet the Guidelines for Canadian Drinking Water Quality?		
(date)	' <i>:</i> ┌─Don't Kn	ow		г х і Yes	Dilliking wat	er quanty: ¬No
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.						
Parameter	eter Result Corrective Action / Treatment / Comments					
Additional Tes	STING					
Does the syste	em have analyze	ers for continuous n	nonito	ring?	🛚 Yes	□No
If yes, check a	ll boxes that app	oly:				
	☐ Turb	·	Other	(details)		
Are the result	s available on re	equest?				
If any addition sheets if neces		mpling was conduc	ted, re	cord result	ts in the table l	below; attach additional
Additional Tes	sting & Reason fo	or Sampling Co	orrectiv	e Action T	aken	
Water Quality			4040 = 114	in a		
	ny water quality taste, odour, col	complaints in this lour etc.)	report	ing	☐ Yes	□No
If yes, complete the table below; attach additional sheets if necessary.						
Date	Water Quality	Complaint	Corr	ective Acti	on / Treatmen	t

OPERATIONAL PR	OBLEMS			
Were there any operational problems during this reporting period? (e.g. insufficient water supply, malfunction ofYes				
If yes, complete	e the table below; att	ach additional shee	ts if necessary.	
Incident Date Type of Operational Problem Corrective Action Taken				
Major Upgrad	es/Repairs & Expenses			
	ny major upgrades/re g this reporting perio	• •	osts □ Y∈	es 🗵 No
If yes, complet	te the table below; at	tach additional shee	ets if necessary.	
Major Upgrade	es/Expenses	Details		
Improvements	required by DWO			
Additions/char	nges to system			
Purchase or ins	stall new equipment			
Equipment rep	air or replacement			
Annual mainte	nance of system	Flushed annual hyd	Irant and valve ma	intenance
Specialist repo	rt			
Other				
FUTURE IMPROV	EMENTS			
Are there any	plans for future impro	ovements?	□Y€	es 🗵 No
If yes, complete the table below; attach additional sheets if necessary.				
Future Upgrad	es or Improvements			Estimated Date of Completion
DATE COMPLETED: March 31 2021 COMPLETED BY: Dave Roblin				

Sample Range Report

Fraser Health Authority

Facility Name: Date Range:

Cultus Lake Integrated Water System Jan 1 2021 to Dec 31 2021

Operator

Dave Roblin

1 - 45950 Cheam Ave Chilliwack, BC V2P 1N6

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
13 3696 Columbia Valley Rd, 3696 Columbia Valley Rd				
Columbia Valley I la	1-12-2021 9:00:00 AM	LT1	LT1	
	2-16-2021 9:00:00 AM	LT1	LT1	
	3-23-2021 10:30:00 AM	LT1	LT1	
	4-27-2021 11:30:00 AM	LT1	LT1	
	6-22-2021 11:15:00 AM	LT1	LT1	
	7-27-2021 10:15:00 AM	LT1	LT1	
	8-31-2021 11:10:00 AM	LT1	LT1	
	9-28-2021 11:50:00 AM	LT1	LT1	
	10-19-2021 12:30:00 PM	LT1	LT1	
	12-7-2021 9:15:00 AM	<u>LT1</u>	<u>LT1</u>	
	Total Positive:	0	0	0
8 Main Well				
i la compresenta de la compresenta della co	2-2-2021 9:45:00 AM	LT1	LT1	
	3-30-2021 12:20:00 PM	LT1	LT1	
	5-25-2021 12:25:00 PM	LT1	LT1	
	6-29-2021 12:10:00 PM	LT1	LT1	
	9-7-2021 12:30:00 PM	LT1	LT1	
	9-28-2021 12:20:00 PM	LT1	LT1	
	12-7-2021 9:45:00 AM	<u>LT1</u>	<u>LT1</u>	
	Total Positive:	0	0	0

5 Research Lab, 4222 Columbia Valley Hwy				
valley i iwy	1-12-2021 8:10:00 AM	LT1	LT1	
	1-19-2021 8:45:00	LT1	LT1	
	AM 2-23-2021 11:00:00 AM	LT1	LT1	
	4-6-2021 10:30:00 AM	LT1	LT1	
	5-18-2021 10:45:00 AM	LT1	LT1	
	6-15-2021 9:50:00 AM	LT1	LT1	
	7-20-2021 10:30:00 AM	LT1	LT1	
	9-21-2021 11:20:00 AM	LT1	LT1	
	10-12-2021 11:00:00 AM	LT1	<u>LT1</u>	
	Total Positive:	0	0	0
12 3858 Karen Dr. 3858 Karen Dr	2			
3030 Kaleli Di	1-5-2021 11:30:00 AM	LT1	LT1	
	2-9-2021 9:15:00 AM 3-16-2021 9:45:00	LT1 LT1	LT1 LT1	
	AM 4-20-2021 10:45:00	LT1	LT1	
	AM			
	6-15-2021 10:35:00 AM	LT1	LT1	
	7-20-2021 11:00:00 AM	LT1	LT1	
	8-24-2021 12:00:00 PM	LT1	LT1	
	9-21-2021 10:55:00 AM	LT1	LT1	
	10-12-2021 12:10:00 PM	LT1	LT1	
	11-9-2021 10:50:00 AM	LT1	LT1	
	11-23-2021 9:25:00 AM	LT1	LT1	
	11-30-2021 9:25:00 AM	LT1	LT1	
	12-20-2021 11:15:00 AM	LT1	<u>LT1</u>	
	Total Positive:	0	0	0

4 Outside Tap 657 Mountain View, 657) <u>-</u>			
Mountain View	1-12-2021 8:30:00	LT1	LT1	
	AM 2-23-2021 11:45:00	LT1	LT1	
	AM 3-16-2021 10:25:00 AM	LT1	LT1	
	4-6-2021 11:00:00 AM	LT1	LT1	
	4-13-2021 11:15:00 AM	LT1	LT1	
	4-27-2021 11:50:00 AM	LT1	LT1	
	5-18-2021 11:00:00 AM	LT1	LT1	
	6-8-2021 11:15:00 AM	LT1	LT1	
	7-13-2021 12:15:00 PM	LT1	LT1	
	8-17-2021 11:00:00 AM	LT1	LT1	
	9-14-2021 12:30:00 PM	LT1	LT1	
	10-5-2021 12:00:00 PM	LT1	LT1	
	11-2-2021 11:30:00 AM	LT1	LT1	
	12-14-2021 9:30:00 AM	<u>LT1</u>	<u>LT1</u>	
	Total Positive:	0	0	0
1 Cultus Lake ESSO, 4161 Columbia Valley Rd				
Columbia Valley Ru	5-11-2021 10:30:00 AM	LT1	LT1	
	5-25-2021 11:50:00 AM	LT1	LT1	
	6-29-2021 11:50:00 AM	LT1	LT1	
	8-3-2021 10:00:00 AM	LT1	LT1	
	9-7-2021 12:00:00 PM	LT1	LT1	
	9-28-2021 12:20:00 PM	<u>LT1</u>	<u>LT1</u>	
	Total Danishan	0	0	^

0

0

0

<u>Cabins - Near Water</u> <u>Slides,</u> Total Positive:

	1-26-2021 10:00:00	LT1	LT1	
	AM 3-9-2021 11:00:00	LT1	LT1	
	AM 3-30-2021 10:14:00 AM	LT1	<u>LT1</u>	
	Total Positive:	0	0	0
3 180 1st Ave, 180				
1st Ave				
and the state of t	1-5-2021 12:00:00 PM	LT1	LT1	
	1-26-2021 10:30:00 AM	LT1	LT1	
	2-2-2021 10:15:00 AM	LT1	LT1	
	2-16-2021 9:30:00 AM	LT1	LT1	
	3-9-2021 11:45:00	LT1	LT1	
	AM 3-30-2021 10:55:00	LT1	LT1	
	AM 4-20-2021 11:00:00	LT1	LT1	
	AM 5-11-2021 11:15:00	LT1	LT1	
	AM 6-1-2021 10:45:00	LT1	LT1	
	AM 8-10-2021 10:30:00	LT1	LT1	
	AM 10-5-2021 12:30:00 PM	LT1	LT1	
	10-26-2021 10:15:00 AM	LT1	LT1	
	11-23-2021 9:35:00 AM	LT1	LT1	
	12-14-2021 10:00:00 AM	LT1	LT1	
	12-20-2021 11:30:00 AM	LT1	LT1	
	Total Positive:	0	0	0
7 Washroom near Cultus Lake Plaza,				
Salas Laks Fially	1-19-2021 9:30:00 AM	LT1	LT1	
	2-9-2021 9:45:00 AM	LT1	LT1	
			LT1	
	3-2-2021 8:45:00 AM	LT1		
	3-23-2021 10:50:00 AM	LT1	LT1	
	5-4-2021 11:30:00 AM	LT1	LT1	
	8-31-2021 11:30:00	LT1	LT1	

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	AM	1.74	1.74	
	9-21-2021 10:40:00 AM	LT1	LT1	
	10-19-2021 1:00:00 PM	LT1	LT1	
	11-9-2021 11:10:00 AM	LT1	LT1	
	11-30-2021 9:35:00 AM	LT1	<u>LT1</u>	
	Total Positive:	0	0	0
9 Well 2 Source, Sunshine Blvd				
<u>Sullallille bivu</u>	3-2-2021 9:00:00 AM	LT1	LT1	
	4-27-2021 1:05:00 PM	LT1	LT1	
	6-1-2021 11:00:00 AM	LT1	LT1	
	7-6-2021 11:25:00 AM	LT1	LT1	
	8-10-2021 10:55:00 AM	LT1	LT1	
	9-14-2021 1:00:00 PM	LT1	LT1	
	10-5-2021 1:00:00 PM	LT1	LT1	
	12-14-2021 10:30:00 AM	<u>1.0</u>	<u>LT1</u>	
	Total Positive:	1	0	0
2 Munroe Standpipe	<u>).</u>			
	1-5-2021 11:00:00 AM	LT1	LT1	
	1-12-2021 7:45:00 AM	LT1	LT1	
	1-19-2021 9:10:00 AM	LT1	LT1	
	1-26-2021 9:30:00 AM	LT1	LT1	
	2-2-2021 8:45:00 AM	LT1	LT1	
	2-9-2021 9:30:00 AM	LT1	LT1	
	2-16-2021 8:30:00 AM	LT1	LT1	
	2-23-2021 10:30:00 AM	LT1	LT1	
	3-2-2021 8:30:00 AM	LT1	LT1	
	3-9-2021 10:45:00 AM	LT1	LT1	
	3-16-2021 10:05:00 AM	LT1	LT1	
	3-23-2021 10:00:00 AM	LT1	LT1	

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3-30-2021 10:25:00 AM	LT1	LT1
4-6-2021 10:00:00 AM	LT1	LT1
4-13-2021 10:30:00 AM	LT1	LT1
4-20-2021 10:30:00 AM	LT1	LT1
4-27-2021 1:20:00 PM	LT1	LT1
5-4-2021 10:50:00 AM	LT1	LT1
5-11-2021 10:15:00 AM	LT1	LT1
5-18-2021 10:30:00 AM	LT1	LT1
5-25-2021 11:30:00 AM	LT1	LT1
6-1-2021 10:15:00 AM	LT1	LT1
6-8-2021 10:30:00 AM	LT1	LT1
6-15-2021 9:30:00	LT1	LT1
AM 6-22-2021 11:30:00	LT1	LT1
AM 6-29-2021 11:30:00 AM	LT1	LT1
7-6-2021 11:45:00	LT1	LT1
AM 7-13-2021 11:20:00 AM	LT1	LT1
7-20-2021 10:00:00 AM	LT1	LT1
7-27-2021 9:30:00 AM	LT1	LT1
8-3-2021 11:30:00 AM	LT1	LT1
	LT1	LT1
8-17-2021 10:00:00 AM	LT1	LT1
8-24-2021 11:30:00 AM	LT1	LT1
8-31-2021 10:40:00 AM	LT1	LT1
9-7-2021 11:30:00	LT1	LT1
AM 9-14-2021 12:00:00 PM	LT1	LT1
9-21-2021 10:15:00 AM	LT1	LT1
9-28-2021 11:25:00 AM	LT1	LT1
10-5-2021 11:30:00	LT1	LT1

AM			
10-12-2021 10:40:00 AM	LT1	LT1	
10-19-2021 12:00:00 PM	LT1	LT1	
10-26-2021 10:00:00 AM	LT1	LT1	
11-2-2021 10:45:00 AM	LT1	LT1	
11-9-2021 10:15:00 AM	LT1	LT1	
11-23-2021 9:15:00 AM	LT1	LT1	
11-30-2021 9:15:00 AM	LT1	LT1	
12-7-2021 9:30:00 AM	LT1	LT1	
12-14-2021 9:00:00	LT1	LT1	
AM 12-20-2021 11:45:00	<u>LT1</u>	<u>LT1</u>	
AM Total Positive:	0	0	0
-			
5-25-2021 12:05:00	LT1	LT1	

6 Sunnyside
Campground, 4165
Columbia Valley
Hwy

5-25-2021 12:05:00 PM	LT1	LT1
6-1-2021 10:35:00	LT1	LT1
AM 6-8-2021 10:45:00	LT1	LT1
AM 6-15-2021 10:10:00	LT1	LT1
AM 6-22-2021 11:00:00	LT1	LT1
AM 6-29-2021 12:25:00	LT1	LT1
PM 7-6-2021 11:15:00	LT1	LT1
AM 7-13-2021 12:05:00	LT1	LT1
PM 7-27-2021 10:00:00	LT1	LT1
AM 8-3-2021 12:00:00	LT1	LT1
PM		
8-10-2021 10:10:00 AM	LT1	LT1
8-17-2021 10:30:00 AM	LT1	LT1
8-24-2021 12:00:00 PM	LT1	LT1
8-31-2021 10:55:00	<u>LT1</u>	<u>LT1</u>

AM
Total Positive:

n

0

0

0

10 Cultus Lake Community Centre, Columbia Valley Hwy

4-13-2021 10:45:00	LT1 GTR200	LT1 GTR200
AM		
5-4-2021 11:00:00	LT1	LT1
AM		
7-13-2021 11:50:00	OIE	OIE
AM		
7-13-2021 11:50:00	LT1	LT1
AM		
11-2-2021 11:00:00	<u>LT1</u>	<u>LT1</u>
AM		
Total Positive:	0	1

Result Values:	E - estimated	1	L - less than	G - greater than
Samples that contain	n total coliform:	1		0.61% of total
Samples that contain	n e. coli:	1		0.61% of total
Samples that contai	n fecal coliform:	0		0.00% of total
Number of consecu contain total coliforn		0		
Number of samples coliform in last 30 da		0/0		
Total number of sar	nples:	164		

Comments:

Environmental Health Officer Jan 27 2022

FOR FURTHER INFORMATION PLEASE CALL: Jeniene Lutz (604) 870-7900





#104, 19575-55 A Ave. Surrey, British Columbia V3S 8P8, Canada

T: +1 (604) 514-3322 F: +1 (604) 514-3323

E: info.vancouver@element.com

W: www.element.com

Analytical Report

Bill To: Fraser Valley Regional District

1 - 45950 Cheam Ave.

Chilliwack, BC, Canada

V2P 1N6

Attn: Accounts Payable Sampled By: Brett Dyck

Company: FVRD

Project ID: Cultus Lake

Lot ID: 1576639

Control Number:

Date Received: Jun 7, 2022 Date Reported: Jun 10, 2022

Report Number: 2755644

Reference Number

Project Name:

LSD:

P.O.:

Project Location:

Proj. Acct. code:

Sample Date Sample Time 1576639-1 June 07, 2022

09:00

Sample Location Sample Description

3858 Karen / Distribution System

Sample Matrix

Drinking Water

		Sample Matrix	Dilliking water			
Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable						
Aluminum	Extractable	mg/L	0.001	0.001	0.1 OG; 2.9 MAC	Below OG
Antimony	Extractable	mg/L	0.00013	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	0.0014	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.11	0.0001	2.0	Below MAC
Boron	Extractable	mg/L	0.018	0.002	5	Below MAC
Cadmium	Extractable	mg/L	0.00001	0.00001	0.007	Below MAC
Chromium	Extractable	mg/L	< 0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	0.0063	0.0005	1 AO; 2 MAC	Below AO
Lead	Extractable	mg/L	0.00003	0.00001	0.005	Below MAC
Selenium	Extractable	mg/L	0.0013	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	0.22	0.0001	7.0	Below MAC
Uranium	Extractable	mg/L	0.00062	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.00055	0.00005		
Zinc	Extractable	mg/L	0.0017	0.0005	5.0	Below AO
Physical and Aggregate	Properties	· ·				
Colour	True	Colour units	<5	5		
Turbidity		NTU	0.16	0.1	0.1/0.3/1.0 OG	
Routine Water						
pH - Holding Time			Exceeded			
pH	at 25 °C		7.90	0.01	7.0-10.5	Within Range
Electrical Conductivity		μS/cm at 25 °C	417	1		
Calcium	Extractable	mg/L	67	0.01		
Iron	Extractable	mg/L	0.004	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	6.5	0.02		
Manganese	Extractable	mg/L	0.003	0.001	0.02 AO; 0.12 MAC	Below AO
Potassium	Extractable	mg/L	2.0	0.04		
Silicon	Extractable	mg/L	7.9	0.005		
Sodium	Extractable	mg/L	7.5	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	169	5		
Chloride	Dissolved	mg/L	13.7	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.06	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	0.52	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	28.0	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	200	1		
Total Dissolved Solids	Extractable	mg/L	250	1	500	Below AO