

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 <sup>st</sup> to Decer	nber 31 <sup>st</sup> , 2021		
Water System A	rea D Integra	ited Water System			
Water System Owner Fraser Valley Regional District					
Primary Contact Name (Operator	or Manager) Dave	e Roblin			
Phone Number (Operator or Manag	er) 604 702 5027				
E-mail (Operator or Manager) droblin@	fvrd.ca				
DESCRIBE YOUR WATER SUPPLY SYS	ТЕМ				
What is the Source(s) of Raw V	Vater?				
☐X Deep Well ☐ Shall	ow Well	☐ Surface Water	☐ Other		
If other, specify details:					
Does the Drinking Water Syste	m have Prime	ary Disinfection?	☐ X Yes	□No	
☐ Chlorination ☐ Ultra	violet Light	Ozone	☐ Other		
If other, specify details:					
Does the Drinking Water Syste	m have Secoi	ndary Disinfection?	☐ Yes	⊠No	
☐ Chlorination ☐ Other	r				
If other, specify details:					
Does the Drinking Water Syste	m have Filtra	tion?	☐Yes	⊠No	
Check all boxes that apply					
☐ Cartridge Filter(s) ☐ Carb	on Filter	☐ Sand Filtration	Reverse Osmosis	☐ Other	
If other, specify details:					
PUBLIC REPORTING					
Emergency Response & Contin	gency Plan (E	RCP)			
Is your ERCP up to Date?		<b>X</b> Yes	□No		
How do you Inform the System	Users of the	ERCP?			
☐ Hand Delivered ☐ Bulle	tin Board	☐ Newspaper	Utility Bill Insert	X Website	
☐ Other (specify details)					
<b>Drinking Water System Annua</b>	l Report				
How do you Inform the System	Users of the	Annual Report?			
☐ Hand Delivered ☐ Bulle	tin Board	☐ Newspaper	Utility Bill Insert	x Website	

Revised June 2014

COMPLIANCE \	WITH OPERATING	JI LIMVIII			
List the cond	litions of your	Operating Per	mit (Contact the DWO	for a copy if needed	d):
Are you in co	ompliance wit	h your Operati	ng Permit?	<b>∡</b> Yes	□No
BACTERIOLOGI	ICAL TESTING AN	d Drinking Wat	TER PROTECTION REGULAT	ION WATER QUALITY S	TANDARDS
How many b	acteriological	samples were	collected during this r	eporting period?	139
What is the	minimum requ	uired sampling	frequency for this syst	em? (#samples/mo	nth) 12/ mnth
Additional sa	ampling details	5:			
	nimum require	d sampling fre	quency achieved?		□ No
Comments:					
Bacteriological summary attached to this report?					☐ No
_	•	attached to this	•	[A] 1C3	
If no, how do	o the users of		w the results?	Zy TC3	
If no, how do Water Quali Parameter:	o the users of	the system viev	w the results?		s system meet standard?
WATER QUALI Parameter: Escherichia c	o the users of	or Potable Wa	w the results?	Did thi	s system meet standard?
WATER QUALI Parameter: Escherichia of the control o	o the users of a	FOR POTABLE WA  Standard  No detecta	ATER	<b>Did thi</b> ml ⋉ Yes	s system meet standard?
WATER QUALI Parameter: Escherichia c (for all samples Total Colifori (if only 1 sampli day period) Total Colifori (if more than 1	try Standards F	FOR POTABLE WA  Standard  No detecta  No more the coliform ba	ATER  I:  Able Escherichia coli per 100	Did thi  ml X Yes  per 100ml Yes  total more than	s system meet standard?
WATER QUALI Parameter: Escherichia of (for all samples) Total Colifori (if only 1 sampled ay period) Total Colifori (if more than 1 30 day period)  If the system	the users of a strict of the users	FOR POTABLE WA  Standard  No detecta  No more the coliform bath of total coliform bath of t	the results?  I:  Ible Escherichia coli per 100  Ible total coliform bacteria per 10% of samples contain acteria, and No sample has reliform bacteria per 100 ml  Drinking Water Protec	Did thi  ml	s system meet standard?
WATER QUALI Parameter: Escherichia o (for all samples) Total Colifori (if only 1 sampl day period) Total Colifori (if more than 1 30 day period)  If the system the table bei	to the users of a stry Standards Foodia of the collected in a 30 m Bacteria of the collected in a did not meet the	No detecta  No more the coliform bath of a coliform bath of above the ditional sheets  E.coli/100ml	the results?  I:  Ible Escherichia coli per 100  Ible total coliform bacteria per 10% of samples contain acteria, and No sample has reliform bacteria per 100 ml  Drinking Water Protec	Did thi  ml	s system meet standard?  No  No
WATER QUALI Parameter: Escherichia o (for all samples) Total Colifori (if only 1 sampl day period) Total Colifori (if more than 1 30 day period)  If the system the table bei	to the users of a sound of the users of	Standard No detecta No more the coliform bath 10 total column and of above 10 ditional sheets	w the results?  It is the second per second	Did thinm   X Yes wer 100ml   Yes total   Yes	s system meet standard?  No  No
WATER QUALI Parameter: Escherichia of (for all samples) Total Colifori (if only 1 sampli day period) Total Colifori (if more than 1 30 day period)  If the system the table bein	to the users of a stry Standards Foodia of the collected in a 30 m Bacteria of the collected in a did not meet the	No detecta  No more the coliform bath of a coliform bath of above the ditional sheets  E.coli/100ml	w the results?  It is the second per second	Did thinm   X Yes wer 100ml   Yes total   Yes	s system meet standard?  No  No
WATER QUALI Parameter: Escherichia o (for all samples) Total Colifori (if only 1 sampl day period) Total Colifori (if more than 1 30 day period)  If the system the table bei	to the users of a stry Standards Foodia of the collected in a 30 m Bacteria of the collected in a did not meet the	No detecta  No more the coliform bath of a coliform bath of above the ditional sheets  E.coli/100ml	w the results?  It is the second per second	Did thinm   X Yes wer 100ml   Yes total   Yes	s system meet standard?  No  No

CHEMICAL SAMP	CHEMICAL SAMPLING COMPLETED DURING THIS REPORTING PERIOD					
Was any chem	ical sampling co	nducted during	g reporting	g period?	<b>≱</b> Yes	□No
If no, when were the last chemical samples conducted for this system?  If yes, did all water samples meet the Guidelines for Canadian Drinking Water Quality?						
for this system		No.ve	~~		Drinking Water	
(date) Don't Know Never X Yes 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	Result	Corrective Ad	ction / Tre	atment / Co	mments	
	1	1				
ADDITIONAL TES	STING					
Does the syste	em have analyze	ers for continuo	us monito	rina?	☐ <b>X</b> Yes	□ No
-	II boxes that app	•				
x Chlorine	☐ Turb	•	☐ Other	(details)		
<del></del>	s available on re	•	_	,		
If any addition	_	mpling was cor	nducted, r	ecord results	in the table be	low; attach additional
Additional Tes	ting & Reason fo	or Sampling	Correcti	ve Action Ta	ken	
Yes re sample lo	ocations that had	d counts	Flushed s	ystem		
WATER QUALITY	Y COMPLAINTS					
	ny water quality	complaints in	this report	ing		
	aste, odour, col	•	- •		Yes	X No
If yes, complete the table below; attach additional sheets if necessary.						
Date	Water Quality	Complaint	Corı	ective Actio	n / Treatment	
	1					

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.).					
If yes, complete	e the table below; att	ach additional shee	ts if necessary.		
Incident Date	Type of Operational	Problem Corre	ective Action Tak	en	
Major Upgrad	es/Repairs & Expenses				
	ny major upgrades/re g this reporting perio		osts $\square$	( Yes	□ No
If yes, complet	te the table below; at	tach additional she	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 system an	d annual valve an	d hydrant maint	enance
Specialist repo	rt				
Other					
FUTURE IMPROV	YEMENTS				
Are there any	plans for future impro	ovements?		⁄es	⊠ No
If yes, complete the table below; attach additional sheets if necessary.					
Future Upgrad	es or Improvements			Estimated D	ate of Completion
			<u> </u>		
DATE COMPLETED: March 31 2021 COMPLETED BY: Dave Roblin					

# **Sample Range Report**

Fraser Health Authority

Area D Integrated Water System Jan 1 2021 to Dec 31 2021 Facility Name: Date Range:

Fraser Valley Regional District 1 45950 Cheam Ave Operator

Chilliwack, BC V2P 1N6

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
5 Popkum Rd South				
Popkum Rd South		1.74	1.74	
	1-5-2021 8:00:00 AM	LT1	LT1	
	2-2-2021 12:50:00 PM	LT1	LT1	
	2-16-2021 11:00:00	LT1	LT1	
	AM			
	3-2-2021 12:28:00 PM	LT1	LT1	
	3-16-2021 11:00:00	LT1	LT1	
	AM	_,,		
	3-30-2021 7:30:00	L <b>T</b> 1	LT1	
	AM	1.74	1.74	
	5-11-2021 7:00:00 AM	LT1	LT1	
	6-1-2021 7:05:00 AM	LT1	LT1	
	6-22-2021 7:45:00	LT1	LT1	
	AM			
	6-29-2021 9:10:00 AM	LT1	LT1	
	7-27-2021 7:45:00	LT1	LT1	
	AM			
	8-17-2021 7:20:00	LT1	LT1	
	AM 8-24-2021 12:05:00	LT1	LT1	
	8-24-2021 12:05:00 PM	LII	LII	
	9-21-2021 8:10:00	LT1	LT1	
	AM			
	10-19-2021 9:00:00 AM	LT1	LT1	
	11-23-2021 7:00:00	LT1	LT1	
	AM	2	2	
	12-14-2021 12:45:00	LT1	<u>LT1</u>	
	PM	•		•
	Total Positive:	0	0	0
4 Berston Rd.	4 5 0004 0:00:00 454	1.774	1 774	
	1-5-2021 8:30:00 AM 1-19-2021 11:30:00	LT1 LT1	LT1 LT1	
	1-19-2021 11.30.00 AM	LII	LII	
	2 1171			

2-2-2021 12:40:00	LT1	LT1
PM 2-16-2021 11:30:00 AM	LT1	LT1
3-2-2021 12:00:00 PM	LT1	LT1
3-16-2021 10:45:00 AM	LT1	LT1
3-30-2021 7:10:00 AM	LT1	LT1
4-13-2021 8:20:00 AM	LT1	LT1
4-27-2021 8:35:00 AM	LT1	LT1
5-11-2021 7:15:00 AM	LT1	LT1
6-1-2021 7:20:00 AM	LT1	LT1
6-15-2021 11:45:00 AM	LT1	LT1
6-29-2021 8:45:00 AM	LT1	LT1
7-6-2021 7:05:00 AM	LT1	LT1
7-13-2021 7:56:00 AM	LT1	LT1
8-10-2021 12:15:00 PM	LT1	LT1
8-24-2021 11:45:00 AM	LT1	LT1
8-31-2021 7:30:00 AM	LT1	LT1
9-7-2021 8:30:00 AM	LT1	LT1
9-21-2021 7:45:00 AM	LT1	LT1
10-5-2021 8:00:00 AM	LT1	LT1
11-2-2021 7:45:00 AM	LT1	LT1
11-30-2021 7:55:00 AM	<u>LT1</u>	<u>LT1</u>
Total Positive:	0	0

3 Parkrose and Wildrose, Parkrose and Wildrose

1-19-2021 12:00:00 PM	LT1	LT1
2-9-2021 1:00:00 PM	LT1	LT1
3-2-2021 11:45:00	LT1	LT1
AM		
3-23-2021 12:30:00 PM	LT1	LT1
4-13-2021 7:55:00	LT1	LT1
AM		
5-4-2021 7:15:00 AM	LT1	LT1

0

	5-25-2021 8:00:00 AM	LT1	LT1	
	6-22-2021 9:00:00	LT1	LT1	
	AM 7-20-2021 12:00:00	LT1	LT1	
	PM 8-3-2021 8:30:00 AM	LT1	LT1	
	8-17-2021 7:35:00 AM	LT1	LT1	
	9-14-2021 8:30:00 AM	LT1	LT1	
	10-12-2021 12:30:00 PM	LT1	LT1	
	11-9-2021 8:15:00 AM	LT1	LT1	
	12-7-2021 11:00:00 AM	LT1	LT1	
	12-20-2021 10:15:00 AM	<u>LT1</u>	<u>LT1</u>	
	Total Positive:	0	0	0
13 Caryks Road Pumphouse, Popkum				
<u>r opkum</u>	3-23-2021 1:30:00 PM	LT1	LT1	
	11-30-2021 8:00:00 AM	<u>LT1</u>	<u>LT1</u>	
	Total Positive:	0	0	0
9 Elgey Rd at Wetlands, Elgey Ro at the Wetlands	<u>i</u>			
at are vyeaunae	2-9-2021 12:00:00 PM	LT1	LT1	
	5-25-2021 7:30:00 AM	LT1	LT1	
	7-20-2021 12:15:00 PM	LT1	LT1	
	9-14-2021 8:00:00 AM	LT1	LT1	
	10-12-2021 12:00:00 PM	LT1	LT1	
	10-19-2021 9:30:00	LT1	LT1	
	AM 11-9-2021 8:30:00 AM	LT1	LT1	
	12-7-2021 10:45:00 AM	LT1	<u>LT1</u>	
	Total Positive:	0	0	0

_

Rd				
<u>nu</u>	1-12-2021 10:45:00 AM	LT1	LT1	
	1-26-2021 12:00:00 PM	LT1	LT1	
	2-9-2021 12:40:00 PM	LT1	LT1	
	2-23-2021 7:35:00 AM	LT1	LT1	
	3-9-2021 8:00:00 AM 3-23-2021 1:10:00	LT1 LT1	LT1 LT1	
	PM 4-6-2021 12:20:00	LT1	LT1	
	PM 4-20-2021 7:45:00	LT1	LT1	
	AM 5-4-2021 7:30:00 AM	1.71	LT1	
	5-18-2021 7:30:00 AW 5-18-2021 7:45:00 AM	LT1 LT1	LT1 LT1	
	6-8-2021 8:00:00 AM	LT1	LT1	
	7-6-2021 6:55:00 AM	LT1	LT1	
	8-3-2021 8:00:00 AM	LT1	LT1	
	8-31-2021 7:55:00	LT1	LT1	
	AM	LII	LII	
	9-28-2021 8:10:00 AM	LT1	LT1	
	10-26-2021 8:15:00 AM	LT1	LT1	
	12-20-2021 10:35:00 AM	<u>LT1</u>	<u>LT1</u>	
		<u>LT1</u> 0	<u>LT1</u> 0	0
2 Sussex, Sussex	AM Total Positive:			0
2 Sussex, Sussex and Lexington	AM Total Positive: 1-12-2021 11:00:00			0
	AM Total Positive: 1-12-2021 11:00:00 AM 1-19-2021 11:45:00	0	0	0
	AM Total Positive: 1-12-2021 11:00:00 AM 1-19-2021 11:45:00 AM 2-23-2021 7:50:00	O LT1	O LT1	0
	AM Total Positive: 1-12-2021 11:00:00 AM 1-19-2021 11:45:00 AM	O LT1 LT1	0 LT1 LT1	0
and Lexington	AM Total Positive: 1-12-2021 11:00:00 AM 1-19-2021 11:45:00 AM 2-23-2021 7:50:00 AM	0 LT1 LT1 <u>LT1</u>	0 LT1 LT1 <u>LT1</u>	
	AM Total Positive:  1-12-2021 11:00:00	0 LT1 LT1 <u>LT1</u>	0 LT1 LT1 <u>LT1</u>	
and Lexington	AM Total Positive:  1-12-2021 11:00:00	0 LT1 LT1 <u>LT1</u> 0	0 LT1 LT1 LT1 0	
and Lexington	AM Total Positive:  1-12-2021 11:00:00	0 LT1 LT1 LT1 0	0 LT1 LT1 	
and Lexington	AM Total Positive:  1-12-2021 11:00:00	0 LT1 LT1 0 LT1 LT1	0 LT1 LT1 0 LT1 LT1	
and Lexington	AM Total Positive:  1-12-2021 11:00:00	0 LT1 LT1 0 LT1 LT1 LT1	0 LT1 LT1 0 LT1 LT1 LT1 LT1	

PM		
4-6-2021 12:00:00	LT1	LT1
PM		
4-13-2021 8:35:00	LT1	LT1
AM		
4-20-2021 7:30:00	LT1	LT1
AM		
5-4-2021 7:50:00 AM	LT1	LT1
5-18-2021 8:15:00	LT1	LT1
AM		
6-15-2021 12:00:00	LT1	LT1
PM		
7-13-2021 7:30:00	LT1	LT1
AM		
8-10-2021 12:45:00	LT1	LT1
PM		
9-7-2021 8:00:00 AM	LT1	LT1
9-28-2021 8:30:00	LT1	LT1
AM		
11-2-2021 8:05:00	LT1	LT1
AM		
11-30-2021 7:40:00	<u>LT1</u>	LT1
AM		
Total Positive:	0	0

0

1 Parkwood, Parkwood North of Royalwood

1-5-2021 9:00:00 AM	LT1	LT1
1-26-2021 12:30:00 PM	LT1	LT1
2-16-2021 12:00:00 PM	LT1	LT1
3-9-2021 8:20:00 AM	LT1	LT1
3-30-2021 7:50:00 AM	LT1	LT1
4-20-2021 8:00:00 AM	LT1	LT1
5-11-2021 7:45:00 AM	LT1	LT1
5-25-2021 8:15:00 AM	LT1	LT1
6-22-2021 9:15:00 AM	LT1	LT1
7-20-2021 11:35:00 AM	LT1	LT1
7-27-2021 8:10:00 AM	LT1	LT1
8-17-2021 7:45:00 AM	LT1	LT1
9-14-2021 9:00:00 AM	LT1	LT1
9-28-2021 7:50:00 AM	LT1	LT1

10-12-2021 1:00:00 PM	LT1	LT1	
11-9-2021 8:00:00 AM	LT1	LT1	
11-23-2021 7:25:00 AM	LT1	LT1	
12-7-2021 11:30:00 AM	LT1	LT1	
12-14-2021 1:00:00 PM	LT1	LT1	
12-20-2021 10:00:00 AM	<u>LT1</u>	<u>LT1</u>	
Total Positive:	0	0	0

Result Values:	E - estimate	d	L - less than	G - greater than	
Samples that conta	in total coliform:	0		0.00% of total	
Samples that conta	in e. coli:	0		0.00% of total	
Samples that conta	in fecal coliform:	0		0.00% of total	
Number of consecucentain total coliforn	•	0			
Number of samples coliform in last 30 d		0/0			
Total number of sar	•	124			

#### Comments:

 $G = \mathbb{R} \times \mathbb{R} \times \mathbb{R}_{+}$ 

Environmental Health Officer Jan 27 2022

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

# **Sample Range Report**

Fraser Health Authority

Facility Name: Date Range:

Area D Integrated Water System Jan 1 2021 to Dec 31 2021

Operator

Fraser Valley Regional District 1 45950 Cheam Ave

Chilliwack, BC V2P 1N6

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
11 Well 2 Yale Rd Yale Rd	L.			
<u>raie ru</u>	3-2-2021 12:30:00 PM	LT1	LT1	
	6-8-2021 8:30:00 AM	LT1	LT1	
	7-6-2021 7:35:00 AM	LT1	LT1 LT1	
	8-3-2021 9:00:00 AM 8-31-2021 8:30:00	LT1 <u>LT1</u>	LT1	
	AM	<u> </u>	<u> </u>	
	Total Positive:	0	0	0
10 Well 1	•			
Pumphouse, 1005 Sussex Drive	<u>0</u>			
Sussex Drive	4-27-2021 9:30:00 AM	LT1	LT1	
	6-15-2021 12:30:00 PM	OIE	OIE	
	6-15-2021 12:30:00 PM	LT1	LT1	
	7-13-2021 8:50:00 AM	LT1	LT1	
	8-10-2021 1:00:00 PM	LT1	LT1	
	9-7-2021 9:00:00 AM	LT1	LT1	
	10-5-2021 9:00:00	LT1	LT1	
	AM 11-2-2021 8:30:00 AM	LT1	<u>LT1</u>	
	Total Positive:	0	1	0
Well 3 Caryks Rd	I			
Pumphouse, Caryl				
<del></del>	7-13-2021 8:20:00 AM	LT1	LT1	
	10-5-2021 8:30:00 AM	LT1	<u>LT1</u>	
	Total Positive:	0	0	0

Result Values: E - es	stimated	L - less than	G - greater than	
Samples that contain total colifo	rm: 0		0.00% of total	
Samples that contain e. coli:	1		6.67% of total	
Samples that contain fecal colifo	orm: 0		0.00% of total	
Number of consecutive samples contain total coliform:	that 0			
Number of samples that contain coliform in last 30 days:	total 0/0			
Total number of samples:	15			

### Comments:

Environmental Health Officer Jan 27 2022

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





Element #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: Area D

Project Name: Project Location:

LSD:

Proj. Acct. code:

P.O.:

Lot ID: 1576641

Control Number:

Date Received: Jun 7, 2022
Date Reported: Jun 10, 2022
Report Number: 2755646

Reference Number

Sample Date Sample Time 1576641-1 June 07, 2022

11:00

Sample Location Sample Description

nple Description 52363 Berkshire / Distribution System

Sample Matrix Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable		Ointo				
Aluminum	Extractable	mg/L	0.003	0.001	0.1 OG; 2.9 MAC	Below OG
Antimony	Extractable	mg/L	0.00008	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	0.0004	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0004	0.0001	2.0	Below MAC
Boron	Extractable	mg/L	0.021	0.002	5	Below MAC
Cadmium	Extractable	mg/L	<0.0001	0.0001	0.007	Below MAC
Chromium	Extractable	mg/L	0.00046	0.00007	0.05	Below MAC
	Extractable	mg/L	0.0037	0.0005	1 AO; 2 MAC	Below AO
Copper Lead	Extractable	mg/L	0.00015	0.00001	0.005	Below MAC
Selenium	Extractable	mg/L	0.0017	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	0.0005	0.0002	7.0	Below MAC
	Extractable	mg/L	0.0003	0.0001	0.02	Below MAC
Uranium Vanadium	Extractable	mg/L	0.00013	0.00001	0.02	Below WAC
Zinc	Extractable	mg/L	0.010	0.0005	5.0	Below AO
		mg/L	0.010	0.0003	5.0	Delow AO
Physical and Aggregate	True	Colour units	<5	5		
Colour	True	NTU	<0.10	0.1	0.1/0.3/1.0 OG	
Turbidity		NTO	<b>\0.10</b>	0.1	0.1/0.3/1.0 00	
Routine Water			Exceeded	•		
pH - Holding Time	-1 DE 9C		7.83	0.01	7.0-10.5	Within Range
pH	at 25 °C	μS/cm at 25 °C	448	1	7.0-10.5	willin Range
Electrical Conductivity	Extractable	μο/cm at 25 °C mg/L	0.08	0.01		
Calcium	Extractable	mg/L	<0.004	0.004	0.3	Below AO
Iron		· ·	<0.02	0.02	0.3	Below AO
Magnesium	Extractable	mg/L	<0.02	0.02	0.02 AO; 0.12	Below AO
Manganese	Extractable	mg/L	<0.001	0.001	0.02 AO, 0.12 MAC	Delow AO
Potassium	Extractable	mg/L	0.92	0.04		
Silicon	Extractable	mg/L	6.4	0.005		
Sodium	Extractable	mg/L	98	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	183	5		
Chloride	Dissolved	mg/L	5.93	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.07	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	1.64	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	< 0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	34.9	0.1	500	Below AO
Hardness	as CaCO3 (extractable)	mg/L	<1.0	1		
Total Dissolved Solids	Extractable	mg/L	275	1	500	Below AO