

March 6, 2023

Dear: Water System Operator

Re: Annual Reporting Requirements for Permitted Water Systems

Please find enclosed a copy of the 2022 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 2022 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 <u>david.fowler@fraserhealth.ca</u> 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 <a href="mailto:david.fowler@fraserhealth.ca">david.fowler@fraserhealth.ca</a> 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.

David Forula

David Fowler

Environmental Health Officer, Fraser Health Authority

David.fowler@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 WATTER SYSTEM	ANNUAL REPORT			
Reporting Period:		January 1 <sup>st</sup> to Decem	nber 31 <sup>st</sup> , 2022 (year)	
Water System Hat	zic Prairie Water Syster	n		
Water System Owne	r Fraser Valley Regiona	al District		
Primary Contact Nam	ne (Operator or Manager) Dave	e Roblin		
Phone Number (Opera	tor or Manager) 604 702 5027			
E-mail (Operator or Mana	ager) droblin@fvrd.ca			
Desgribe vour Water S	UPFLY SYSTEM			
What is the Source(s)	of Raw Water?			
X Deep Well	O Shallow Well	D Surface Water	$\operatorname{D}$ Other	
If other, specify detail	ls:			
Does the Drinking W	Vater System have Prim	ary Disinfection?	Xyes	□No
X Chlorination	D Ultraviolet Light	D Ozone	D Other	
If other, specify detail	ls:			
Does the Drinking V	Vater System have Seco	ondary Disinfection?	Yes	X <sub>No</sub>
D Chlorination	☐Ot her			
If other, specify detail	ls:			
Does the Drinking V	Vater System have Filtr	ration?	Yes	$X_{No}$
Check all boxes that app	ly			
D Cartridge Filter(s)	D Carbon Filter	${ m D}$ Sand Filtration	D Reverse Osmosis	D Other
If other, specify detail	ls:			
	AND URSUM PRODUCTION AND TO SERVE TO SE			
PUBLIC REPORTING		<b>特别发现的关键</b>		
Emergency Respons	e & Contingency Plan (	ERCP)		
Is your ERCP up to D	ate?	${ m X}$ Yes	□ No	
How do you Inform to	he System Users of the E	ERCP?		
D Hand Delivered	D Bulletin Board	D Newspaper	0 Utility Bill Insert	${ m X}$ Website
D Other (specify det	ails)			
Drinking Water Syste	m Annual Report			
How do you Inform	the System Users of the	Annual Report?		
0 Hand Delivered	O Bulletin Board	D Newspaper	0 Utility Bill Insert	${ m X}$ Website
D Other (specify deta	ails)			

Revised March 2016

MPHANGE WITH OPERATING	Permit					
List the conditions that h	ave been placed	on your Operating I	Permit {if_vou_hove_condit	ions <u>, these will</u> be	stated on vou	<u>permit):</u>
1re you in compliance wi	ith the conditions	s fisted an your Op	erating Permit?	X Yes D	) No	ON/A
GTERIOLOGICAL TESTING ANI	DRINKING WATE	R PROTECTION RESUL	ation Water Quauta	STANDARDS		
How many bacteriologica	al samples were c	collected during this	reporting period?		152	
What is the minimum red	quired sampling	frequency for this	system? (#samples.	/month) —	12	
Additional sampling deta	ils:			_		
Vas the minimum requi	red sampling fre	equency achieved?	Xyes		] No	
Comm ents :						
Bacteriological summa	rv attached to th	nis report?	Yes	<b>&gt;</b>	No	
		-	Li Tes	,	No	
CALL IN FOR SUMMÄ	RY	v the results?	Li Tes		No	
CALL IN FOR SUMMA	RY	v the results?				Jard?
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CALL IN FOR SUMMA  AMER QUALITY STANDARDS IT  Carameter:  Escherichia coli  For all samples)	RY OR POTABUE WATE	v the results?	Dic			dard?
CALL IN FOR SUMMA  Contain Quality Strandards of the contained of the cont	RY  FOR POTABUE WAST  Standard:  No detectab	v the results?	Did 100ml X	this system t		Jard?
CALL IN FOR SUMMA  AMER QUALITY STANDARDS I  Parameter: Escherichia coli for all samples) Total Coliform Bacteria of only 1 sample collected in a 3	Standard:  No detectable  No detectable  No detectable	othe results?	100ml X	this system t	neet stam	Jard?
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CALL IN FOR SUMMA  AMER QUALITY STANDARDS  Parameter: Escherichia coli for all samples) Cotal Coliform Bacteria if only 1 sample collected in a 3 ay effact of all coliform Bacteria if more than 1 sample collected 0 day period)  If the system did not mee	Standard:  No detectable  No more the coliform back in a coliform back in any of above D	ble Escherichia coli per ble total coliform bacterian 10% of samples con cteria, and No sample hatorm bacteria per 100ml	100ml X ria per 100ml X tain total as more than X	This system of Yes  Yes	No ONo	
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## DRINKING WATER SYSTEM ANNUAL REPORT

HEWICAL SAMPU	NG COMPLETIED D	WRING THIS REPO	AND SAIDS		第二次 第二次		
Was any chen	nical sampling	conducted durin	ng reporting	period?	Yes	10 10	No
	vere the last che	mical samples c		If yes, dia	l all water san Drinking Wa	•	e Guidelines for
(date)	$\stackrel{n.}{ m D}$ Don't K	now 0 Nev	er	Xyes	Drinking Wa	□ No	
	-	meet the Guide tional sheets if	-	nadian Dri	nking Water Q	Quality, reco	rd the results in
Parameter	Result	Corrective A	Action /Tre	atment/ Co	omments		
	1						
dentional Test	mide					705 6 2 V 15 2 V 16 5	
16.		nus fou continuo		-2	Yes		N1
-	all boxes that ap	ers for continuoi	is monitorii	ıg:	Yes	L	l No
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	s available on r	•	O Other {	uctails)			
sheets if nece	ssary.	ampling was co				pelow; attach	n additional
Additional Te	esting & Reason	for Sampling	Correctiv	e Action Ta	aken		
							_
			I				
Vater QUAUITY	COMPLAINTS			Ing. John			
	ny water quality taste, odour, co	complaints in lour etc.)	this reportii	ıg	Yes	<b>&gt;</b>	<b>K</b> No
If yes, comple	ete the table be	low; attach ada	litional shee	ets if necess	ary.		
Date	Water Quality	/ Complaint	Corr	ective Action	on / Treatmen	t	
							_

DRINKING WATER SYSTEM ANNUAL	DEDORT <b>fil</b>

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PERATIONAL PROBLEMS	<b>美国的产品</b>				
Were there any operational problems during this reporting period? (e.g. insufficient water supply, malfunction of Yes XNo disinfection equipment, line breaks, elevated turbidity etc.).					
If yes, complete the table below; attach additional sheets if necessary.					
Incident Date Type of Operational Problem Corrective A tionTaken					
Major Úpgrades/Repairs & Expenses					
Were there any major upgrades/rep incurred during this reporting period		costs	s X No		
If yes, complete the table below; attach	ch additional sheet	s 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					
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			*************************************		
FUTURE IMPROVEMENTS			7761		
Are there any plans for future improvements?					
If yes, complete the table below; atta	ach additional she	eets if necessary.			
Future Upgrades or Improvements Estimated Date of Completion					
		1			
DATE COMPLETED: May 23, 2023 COMPLETED BY: Dave Roblin					

## Sample Range Report

Fraser Health Authority

Facility Name: Date Range: Hatzic Prairie Water System Jan 1 2022 to Dec 31 2022

Operator

Dave Roblin

45950 Cheam Ave Chilliwack, BC V2P 1N6

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
H 1 sample point, Riverside Rd at Farm	-			
<u>ı aiiii</u>	1-18-2022 8:30:00 AM	LT1	LT1	
	2-8-2022 8:40:00 AM	LT1	LT1	
	3-1-2022 9:00:00 AM	LT1	LT1	
	3-22-2022 7:00:00 AM	LT1	LT1	
	4-12-2022 8:35:00 AM	LT1	LT1	
	5-3-2022 8:45:00 AM	LT1	LT1	
	5-24-2022 8:30:00 AM	LT1	LT1	
	6-14-2022 8:30:00 AM	LT1	LT1	
	7-5-2022 8:30:00 AM	LT1	LT1	
	9-6-2022 8:10:00 AM	LT1	LT1	
	9-27-2022 8:15:00 AW 9-27-2022 8:15:00 AM	LT1	LT1	
	10-18-2022 11:30:00 AM	LT1	LT1	
	11-8-2022 8:15:00 AM	LT1	LT1	
	11-29-2022 8:15:00	LT1	LT1	
	AM Total Positive:	0	0	0
H 2 sample point, Sward Rd at North Sward Rd				
Swaru Ku	1-4-2022 7:40:00 AM	LT1	LT1	
	1-11-2022 8:35:00 AM	LT1	LT1	
	2-1-2022 8:45:00 AM	LT1	LT1	
	2-22-2022 8:30:00 AM	LT1	LT1	
	3-15-2022 9:00:00 AM	LT1	LT1	
	4-5-2022 7:50:00 AM	LT1	LT1	

	4-26-2022 8:45:00	LT1	LT1	
	AM 5-17-2022 8:10:00	LT1	LT1	
	AM 6-28-2022 8:00:00	LT1	LT1	
	AM 7-19-2022 7:30:00	LT1	LT1	
	AM 8-9-2022 8:00:00 AM	LT1	LT1	
	8-30-2022 7:45:00	LT1	LT1	
	AM			
	9-20-2022 10:00:00 AM	LT1	LT1	
	10-11-2022 7:15:00 AM	LT1	LT1	
	11-1-2022 11:01:00 AM	LT1	LT1	
	11-22-2022 7:30:00 AM	LT1	LT1	
	12-13-2022 8:00:00 AM	<u>LT1</u>	<u>LT1</u>	
	Total Positive:	0	0	
H 3 sample point,				
Mountain View Rd	e e			
<u>South</u>		1.74	L T-4	
	1-18-2022 8:15:00 AM	LT1	LT1	
	2-8-2022 8:25:00 AM	LT1	LT1	
	3-1-2022 8:45:00 AM	LT1	LT1	
	3-22-2022 7:30:00	LT1	LT1	
	AM			
	4-12-2022 8:15:00 AM	LT1	LT1	
	5-3-2022 8:30:00 AM	LT1	LT1	
	5-24-2022 8:15:00 AM	LT1	LT1	
	6-7-2022 8:15:00 AM	LT1	LT1	
	6-14-2022 8:00:00 AM	LT1	LT1	
	7-5-2022 8:00:00 AM	LT1	LT1	
	7-26-2022 8:00:00 AW AM	LT1	LT1	
	8-16-2022 8:00:00 AM	LT1	LT1	
	9-6-2022 8:00:00 AM	LT1	LT1	
	9-27-2022 8:00:00 AM	LT1	LT1	
	10-18-2022 11:20:00 AM	LT1	LT1	
	11-8-2022 8:00:00 AM	LT1	LT1	
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LT1

LT1

11-29-2022 7:45:00

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Total Positive:	0	0
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1-25-2022 8:45:00 AM	LT1	LT1
2-1-2022 9:30:00 AM	LT1	LT1
2-8-2022 9:00:00 AM 2-15-2022 8:30:00 AM	LT1 LT1	LT1 LT1
2-22-2022 9:00:00 AM	LT1	LT1
3-1-2022 9:15:00 AM	LT1	LT1
3-8-2022 8:30:00 AM 3-15-2022 10:00:00 AM	LT1 LT1	LT1 LT1
3-22-2022 8:00:00 AM	LT1	LT1
3-29-2022 9:00:00 AM	LT1	LT1
4-5-2022 8:30:00 AM 4-12-2022 8:45:00	LT1 LT1	LT1 LT1
AM 4-19-2022 9:00:00	LT1	LT1
AM		
4-26-2022 9:30:00 AM	LT1	LT1
5-3-2022 9:25:00 AM 5-10-2022 9:00:00	LT1 LT1	LT1 LT1
AM 5-17-2022 8:50:00	LT1	LT1
AM 5-31-2022 9:25:00 AM	LT1	LT1
6-7-2022 8:45:00 AM	LT1	LT1
6-14-2022 8:45:00 AM	LT1	LT1
6-21-2022 8:45:00 AM	LT1	LT1
6-22-2022 10:00:00 AM	LT1	LT1
7-5-2022 9:00:00 AM	LT1	LT1
7-12-2022 8:30:00 AM	LT1	LT1
7-19-2022 8:00:00 AM	LT1	LT1
7-26-2022 9:00:00 AM	LT1	LT1
8-2-2022 12:10:00	LT1	LT1

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8-9-2022 8:30:00 AM	LT1 LT1	LT1 LT1	
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8-23-2022 9:00:00	LT1	LT1	
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8-30-2022 8:30:00	LT1	LT1	
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9-27-2022 8:30:00 AM	LT1	LT1	
10-4-2022 8:30:00	LT1	LT1	
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10-11-2022 7:45:00	LT1	LT1	
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10-25-2022 8:15:00	LT1	LT1	
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11-1-2022 9:00:00	LT1	LT1	
AM	LT1	LT1	
11-8-2022 8:30:00 AM	LII	LII	
11-15-2022 9:00:00	LT1	LT1	
AM			
11-22-2022 8:30:00	LT1	LT1	
AM 11-29-2022 8:00:00	LT1	LT1	
71-29-2022 8.00.00 AM	LII	LII	
12-6-2022 9:00:00	QRWRT	QRWRT	
AM		. — .	
12-13-2022 8:30:00	<u>LT1</u>	LT1	
AM Total Positive:	0	0	0
Total Positive.	U	· ·	-
H 4 Sample Point,			
Dale and Patterson			
<u>Rd</u> 1-4-2022 8:00:00 AM	LT1	LT1	
1-11-2022 8:50:00	LT1	LT1	
AM			
2-1-2022 9:15:00 AM	LT1	LT1	
2-22-2022 8:45:00	LT1	LT1	
AM 3-15-2022 9:30:00	LT1	LT1	
AM	,		
4-5-2022 8:10:00 AM	LT1	LT1	
4-26-2022 9:00:00	LT1	LT1	

LT1

LT1

AM

5-17-2022 8:30:00

	AM 6-7-2022 8:30:00 AM	LT1 LT1	LT1 LT1	
	6-28-2022 8:30:00 AM	Lil	LII	
	7-19-2022 7:45:00 AM	LT1	LT1	
	8-9-2022 8:15:00 AM 8-16-2022 8:30:00	LT1 LT1	LT1 LT1	
	8-16-2022 8:30:00 AM	LII	217	
	8-30-2022 8:00:00 AM	LT1	LT1	
	9-20-2022 10:15:00 AM	LT1	LT1	
	10-11-2022 7:30:00 AM	LT1	LT1	
	11-1-2022 8:30:00 AM	LT1	LT1	
	11-22-2022 7:45:00 AM	LT1	LT1	
	12-13-2022 8:15:00	<u>LT1</u>	<u>LT1</u>	
	AM Total Positive:	0	0	0
Reservoir,	3-29-2022 8:30:00 AM	LT1	LT1	
	5-31-2022 8:50:00 AM	LT1	LT1	
	6-28-2022 9:00:00 AM	LT1	LT1	
	7-26-2022 8:30:00 AM	LT1	LT1	
	8-2-2022 11:30:00 AM	LT1	LT1	
	11-22-2022 8:45:00 AM	<u>LT1</u>	<u>LT1</u>	
	Total Positive:	0	0	0
H 5 Sample Site, Durieu Rd at Seux				
Rd NE Corner	1-25-2022 8:30:00 AM	LT1	LT1	
	2-15-2022 8:15:00 AM	LT1	LT1	
	3-8-2022 8:15:00 AM	LT1	LT1	
	3-29-2022 8:10:00 AM	LT1	LT1	
	4-19-2022 8:00:00 AM	LT1	LT1	
	5-10-2022 8:45:00 AM	LT1	LT1	
	5-31-2022 9:10:00	LT1	LT1	

Result Values:	E - estimated	L - less th	an G-g	reater than
S	Total Positive:	0	0	0
	12-6-2022 8:30:00 AM	QRWRT	QRWRT	
	11-15-2022 8:00:00 AM	LT1	LT1	
	10-25-2022 7:45:00 AM	LT1	LT1	
	10-4-2022 8:15:00 AM	LT1	LT1	
	9-13-2022 8:00:00 AM	LT1	LT1	
	8-23-2022 8:00:00 AM	LT1		
	8-2-2022 11:15:00 AM	LT1	LT1	
	AM		LT1	
	AM	LKS2 REJCT	LKS2 REJCT	
	AM 6-21-2022 8:15:00	LT1	LT1	
	AM 5-31-2022 8:40:00	LT1	LT1	
	AM 5-10-2022 8:25:00	LT1	LT1	
	3-8-2022 8:00:00 AM 4-19-2022 8:30:00	LT1 LT1	LT1 LT1	
	2-15-2022 8:00:00 AM	LT1	LT1	
Rd NE Corner	1-25-2022 9:15:00 AM	LT1	LT1	
H 6 Sample Point, Sylvester Rd at Dale				
	Total Positive:	0	0	0
	12-6-2022 8:00:00 AM	<u>QRWRT</u>	QRWRT	_
	11-15-2022 8:30:00 AM	LT1	LT1	
	10-25-2022 8:00:00 AM	LT1	LT1	
	10-4-2022 8:00:00 AM	LT1	LT1	
	9-13-2022 8:30:00 AM	LT1	LT1	
	8-23-2022 8:32:00 AM	LT1	LT1	
	7-12-2022 8:15:00 AM	LT1	LT1	
	6-21-2022 8:30:00 AM	LT1	LT1	
	AM			

.

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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 consecutive samples that contain total coliform:	0	
Number of samples that contain total coliform in last 30 days:	0/0	
Total number of samples:	152	

## Comments:

Environmental Health Officer Feb 27 2023

FOR FURTHER INFORMATION PLEASE CALL: David Fowler



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**Analytical Report** 

Bill To: Fraser Valley Regional District

1 - 45950 Cheam Ave.

Chilliwack, BC, Canada

V2P 1N6

Attn: Accounts Payable

Sampled By: B.Kafi

Company: **FVRD**  Project ID:

Project Name:

Chem/Phys Project Location: Northside

LSD: P.O.:

Proj. Acct. code:

Lot ID: 1654374

Control Number:

Date Received: May 30, 2023 Date Reported: Jun 6, 2023

Report Number: 2878158

**Reference Number** Sample Date 1654374-1 May 30, 2023 08:00

Sample Time Sample Location

**Sample Description** Hatzic Well 1 / 6.6 °C

> Sample Matrix **Drinking Water**

		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Analyte						
Metals Extractable						
Silicon	Extractable	mg/L	5.73	0.05		
Aluminum	Extractable	mg/L	0.005	0.002	0.1 OG; 2.9 MAC	Below OG
Antimony	Extractable	mg/L	< 0.0002	0.0002	0.006	Below MAC
Arsenic	Extractable	mg/L	< 0.0002	0.0002	0.01	Below MAC
Barium	Extractable	mg/L	0.011	0.001	2.0	Below MAC
Boron	Extractable	mg/L	0.039	0.002	5	Below MAC
Cadmium	Extractable	mg/L	< 0.00001	0.00001	0.007	Below MAC
Chromium	Extractable	mg/L	< 0.0005	0.0005	0.05	Below MAC
Copper	Extractable	mg/L	0.004	0.001	1 AO; 2 MAC	Below AO
Lead	Extractable	mg/L	0.0003	0.0001	0.005	Below MAC
Selenium	Extractable	mg/L	< 0.0002	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	0.026	0.001	7.0	Below MAC
Uranium	Extractable	mg/L	< 0.0005	0.0005	0.02	Below MAC
Vanadium	Extractable	mg/L	0.0001	0.0001		
Zinc	Extractable	mg/L	0.064	0.001	5	Below AO
<b>Physical and Aggregate</b>	Properties					
Colour	Apparent, Potable	Colour units	<5	5	15	Below AO
Turbidity		NTU	0.3	0.1	0.1/0.3/1.0 OG	
Routine Water						
pH			6.34	1	7.0-10.5	Below OG Range
Electrical Conductivity	at 25 °C	μS/cm	79	1		
Calcium	Extractable	mg/L	7.4	0.2		
Magnesium	Extractable	mg/L	0.9	0.2		
Sodium	Extractable	mg/L	5.6	0.4	200	Below AO
Potassium	Extractable	mg/L	0.7	0.4		
Iron	Extractable	mg/L	<0.01	0.01	0.3	Below AO
Manganese	Extractable	mg/L	<0.005	0.005	0.02 AO; 0.12 MAC	Below AO
Chloride	Dissolved	mg/L	5.6	0.4	250	Below AO
Fluoride		mg/L	< 0.05	0.05	1.5	Below MAC
Nitrate - N		mg/L	1.30	0.01	10	Below MAC
Nitrite - N		mg/L	< 0.005	0.005	1	Below MAC
Sulfate (SO4)	Extractable	mg/L	3.6	0.9	500	Below AO
T-Alkalinity	as CaCO3	mg/L	20	5		
Total Dissolved Solids		mg/L	36	1	500	Below AO
Hardness	as CaCO3	mg/L	22			



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Chem/Phys

Northside

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**Analytical Report** 

Bill To: Fraser Valley Regional District

Project ID: 1 - 45950 Cheam Ave. Project Name:

Chilliwack, BC, Canada

V2P 1N6

Sampled By: B.Kafi Company: **FVRD** 

Attn: Accounts Payable

Proj. Acct. code:

Project Location:

LSD:

P.O.:

Lot ID: 1654374

Control Number:

Date Received: May 30, 2023 Jun 6, 2023 Date Reported: Report Number: 2878158

Reference Number 1654374-2 May 30, 2023 Sample Date Sample Time 08:00

Sample Location

**Sample Description** 

**Sample Matrix** 

Hatzic Well 2 / 6.6 °C **Drinking Water** 

**Nominal Detection** Guideline Guideline Limit Limit Comments Analyte Units Result Metals Extractable 5.66 0.05 Silicon Extractable mg/L Aluminum Extractable 0.005 0.002 0.1 OG; 2.9 MAC Below OG mg/L Below MAC Antimony Extractable mg/L < 0.0002 0.0002 0.006 Arsenic Extractable < 0.0002 0.0002 0.01 Below MAC mg/L **Barium** Extractable mg/L 0.011 0.001 2.0 Below MAC 0.039 0.002 5 Below MAC Boron Extractable mg/L Cadmium < 0.00001 0.00001 0.007 Below MAC Extractable mg/L 0.0005 Below MAC Chromium Extractable < 0.0005 0.05 mg/L 1 AO; 2 MAC Below AO Copper Extractable mg/L 0.003 0.001 Lead Extractable mg/L 0.0002 0.0001 0.005 Below MAC Selenium Extractable < 0.0002 0.0002 0.05 Below MAC mg/L Below MAC Strontium Extractable mg/L 0.025 0.001 7.0 Uranium Extractable < 0.0005 0.0005 0.02 Below MAC mg/L Vanadium Extractable mg/L 0.0001 0.0001 Zinc Extractable mg/L 0.063 0.001 5 Below AO **Physical and Aggregate Properties** 5 Colour Apparent, Potable Colour units <5 15 Below AO Turbidity NTU 0.3 0.1 0.1/0.3/1.0 OG **Routine Water** pΗ 6.36 1 7.0-10.5 Below OG Range **Electrical Conductivity** at 25 °C µS/cm 78 Calcium Extractable 7.6 0.2 mg/L 0.2 Magnesium Extractable mg/L 0.9 Sodium Extractable 5.8 0.4 200 Below AO mg/L Potassium Extractable mg/L 0.6 0.4 Extractable < 0.01 0.01 0.3 Below AO Iron mg/L Manganese Extractable < 0.005 0.005 0.02 AO; 0.12 Below AO mg/L MAC Chloride Below AO Dissolved mg/L 5.9 0.4 250 Fluoride mg/L < 0.05 0.05 1.5 Below MAC Nitrate - N 0.01 Below MAC mg/L 1.33 10 Nitrite - N < 0.005 0.005 Below MAC mg/L 1 0.9 Sulfate (SO4) Extractable mg/L 3.6 500 Below AO T-Alkalinity as CaCO3 19 5 mg/L **Total Dissolved Solids** mg/L 36 1 500 Below AO Hardness as CaCO3 23 mg/L