

EMERGENCY RESPONSE & CONTINGENCY PLAN 2022

Water System Name: Peterson Rd.

Emergency Contacts	Name and Title	Phone	Fax	E-mail
Water System - Primary Contact (person responsible for receiving call from lab and/or FHA)	Terry Walker	Office : 604-534-3294 Cell: 604-841-7299	604-534-0841	tewalker@sd35.bc.ca
Water System - Secondary Contact (Should primary contact be ill or on vacation etc.)	Brad Cairns	Office : 604-534-3294 Cell: 604-830-6367	604-534-0841	brcairns@sd35.bc.ca
Water System Owner	Langley School district #35	Ph: 604-534-3294	604-534-0841	
Fraser Health Authority Contacts				
Environmental Health Officer	Barbara Haworth	604-870-7900	604-870-7901	barb.haworth@fraserhealth.ca
Medical Health Officer	MHO Line 8-4:30 After Hours Line	604-587-3828or 1-877-342-6467 604-527-4806		
Fraser Health After Hours Contact (After 4:30 pm or on weekends)	Fraser Health On-Call Staff	604-527-4806		
Emergency Contacts				
Alternate Source of Water i.e. bottled water or bulk supply	Allied Water Supply	604-534-6085		
Plumbing Services	District Facilities	604-534-3294		
Equipment Services i.e. Treatment/pumps	Union Pumps	604-533-3727		
Electrical Services	District Facilities	604-534-3294		
B.C. Hydro		1-888-769-3766		
Other				

Signature: 

Title: Brad Cairns
Manager, Mechanical Systems

Name: _____

Date: FEB 24 2022

Analytical Report

Bill To: School District #35
20260 - 64 Avenue
Langley, BC, Canada
V3A 4P7
Attn: Accounts Payable
Sampled By:
Company:

Project ID:
Project Name:
Project Location:
LSD:
P.O.: S00023
Proj. Acct. code:

Lot ID: **1507158**
Control Number:
Date Received: Jul 20, 2021
Date Reported: Jul 26, 2021
Report Number: 2643285

Reference Number 1507158-1
Sample Date July 20, 2021
Sample Time 08:30
Sample Location
Sample Description Peterson Rd / 9.5 °C
Sample Matrix Drinking Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable					
Aluminum	Extractable mg/L	<0.001	0.001	0.1	Below OG
Antimony	Extractable mg/L	0.00004	0.00002	0.006	Below MAC
Arsenic	Extractable mg/L	0.0021	0.0001	0.010	Below MAC
Barium	Extractable mg/L	0.0027	0.0001	2.0	Below MAC
Boron	Extractable mg/L	0.005	0.002	5	Below MAC
Cadmium	Extractable mg/L	<0.00001	0.00001	0.007	Below MAC
Chromium	Extractable mg/L	0.0013	0.00005	0.05	Below MAC
Copper	Extractable mg/L	0.067	0.0005	1 AO; 2 MAC	Below AO
Lead	Extractable mg/L	0.00014	0.00001	0.005	Below MAC
Selenium	Extractable mg/L	0.0006	0.0002	0.05	Below MAC
Strontium	Extractable mg/L	0.060	0.0001	7.0	Below MAC
Uranium	Extractable mg/L	0.00005	0.00001	0.02	Below MAC
Vanadium	Extractable mg/L	0.0057	0.00005		
Zinc	Extractable mg/L	0.0037	0.0005	5.0	Below AO
Microbiological Analysis					
Total Coliforms	Enzyme Substrate Test MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate Properties					
Colour	True Colour units	<5	5		
Turbidity	NTU	<0.10	0.1	0.1	Below OG
Routine Water					
pH - Holding Time		Exceeded			
pH	at 25 °C	7.82	0.01	7.0-10.5	Within Range
Electrical Conductivity	µS/cm at 25 °C	138	1		
Calcium	Extractable mg/L	11	0.01		
Iron	Extractable mg/L	0.005	0.004	0.3	Below AO
Magnesium	Extractable mg/L	5.5	0.02		
Manganese	Extractable mg/L	<0.001	0.001	0.02 AO; 0.12 MAC	Below AO
Potassium	Extractable mg/L	1.2	0.04		
Silicon	Extractable mg/L	9.5	0.005		
Sodium	Extractable mg/L	5.4	0.1	200	Below AO
T-Alkalinity	as CaCO3 mg/L	52	5		
Chloride	Dissolved mg/L	4.75	0.05	250	Below AO
Fluoride	Dissolved mg/L	<0.01	0.01	1.5	Below MAC
Nitrate - N	Dissolved mg/L	1.36	0.01	10	Below MAC
Nitrite - N	Dissolved mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO4)	Dissolved mg/L	5.6	0.1	500	Below AO

Analytical Report

Bill To: School District #35	Project ID:	Lot ID: 1507158
20260 - 64 Avenue	Project Name:	Control Number:
Langley, BC, Canada	Project Location:	Date Received: Jul 20, 2021
V3A 4P7	LSD:	Date Reported: Jul 26, 2021
Attn: Accounts Payable	P.O.: S00023	Report Number: 2643285
Sampled By:	Proj. Acct. code:	
Company:		

Reference Number	1507158-1
Sample Date	July 20, 2021
Sample Time	08:30
Sample Location	
Sample Description	Peterson Rd / 9.5 °C
Sample Matrix	Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Routine Water - Continued						
Hardness	as CaCO ₃ (extractable)	mg/L	50	1		
Total Dissolved Solids	Extractable	mg/L	96	1	500	Below AO

Approved by:



Reena Badwal
Operations Chemist

Sample Range Report

Fraser Health Authority

Facility Name: Peterson Road Elementary School WS

Date Range: Jan 1 2021 to Dec 31 2021

Operator Brad Cairns
20260 64th Ave
Langley, BC V3A 4P7

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
<u>Kitchen Room 15A,</u>				
<u>23422 47th Ave</u>				
	1-12-2021 10:55:00 AM	LT1	LT1	
	1-25-2021 8:05:00 AM	LT1	LT1	
	2-9-2021 8:00:00 AM	LT1	LT1	
	2-23-2021 9:00:00 AM	LT1	LT1	
	3-9-2021 8:05:00 AM	LT1	LT1	
	3-23-2021 8:05:00 AM	LT1	LT1	
	4-13-2021 8:05:00 AM	LT1	LT1	
	4-28-2021 7:55:00 AM	LT1	LT1	
	5-10-2021 7:45:00 AM	LT1	LT1	
	5-25-2021 8:05:00 AM	LT1	LT1	
	6-8-2021 8:05:00 AM	LT1	LT1	
	6-22-2021 10:50:00 AM	LT1	LT1	
	7-6-2021 8:05:00 AM	LT1	LT1	
	7-20-2021 8:35:00 AM	LT1	LT1	
	8-10-2021 7:55:00 AM	LT1	LT1	
	8-24-2021 8:05:00 AM	LT1	LT1	
	9-7-2021 8:05:00 AM	LT1	LT1	
	9-21-2021 10:25:00 AM	LT1	LT1	
	10-5-2021 10:45:00 AM	LT1	LT1	
	10-19-2021 10:35:00 AM	LT1	LT1	
	11-8-2021 9:45:00 AM	LT1	LT1	
	11-23-2021 8:05:00 AM	LT1	LT1	

12-8-2021 8:00:00 AM	LT1	LT1	
12-20-2021 8:15:00 AM	<u>LT1</u>	<u>LT1</u>	
Total Positive:	0	0	0

Staff Lunch Room.
23422 47th Ave

1-12-2021 10:50:00 AM	LT1	LT1	
1-25-2021 8:00:00 AM	LT1	LT1	
2-9-2021 8:05:00 AM	LT1	LT1	
2-23-2021 8:55:00 AM	LT1	LT1	
3-9-2021 8:00:00 AM	LT1	LT1	
3-23-2021 8:00:00 AM	LT1	LT1	
4-13-2021 8:00:00 AM	LT1	LT1	
4-28-2021 7:50:00 AM	LT1	LT1	
5-10-2021 7:40:00 AM	LT1	LT1	
5-25-2021 8:00:00 AM	LT1	LT1	
6-8-2021 8:00:00 AM	LT1	LT1	
6-22-2021 10:55:00 AM	LT1	LT1	
7-6-2021 8:00:00 AM	LT1	LT1	
7-20-2021 8:30:00 AM	LT1	LT1	
8-10-2021 7:50:00 AM	LT1	LT1	
8-24-2021 8:00:00 AM	LT1	LT1	
9-7-2021 8:00:00 AM	LT1	LT1	
9-21-2021 10:20:00 AM	LT1	LT1	
10-5-2021 10:40:00 AM	LT1	LT1	
10-19-2021 10:30:00 AM	LT1	LT1	
11-8-2021 9:40:00 AM	LT1	LT1	
11-23-2021 8:00:00 AM	LT1	LT1	
12-8-2021 8:05:00 AM	LT1	LT1	
12-20-2021 8:10:00 AM	<u>LT1</u>	<u>LT1</u>	
Total Positive:	0	0	0

Result Values:

E - estimated

L - less than

G - greater than

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:	48	

Comments:



Environmental Health Officer

Jan 27 2022

FOR FURTHER INFORMATION PLEASE CALL: Barb Haworth