

Test Report

SRC Group # 2024-11024

Sep 13, 2024

Town of Blaine Lake

Petro-Canada off Highway 12

Box 10

Blaine Lake, SK S0J 0J0

Attn: Kevin Hepburn

Date Samples Received: Sep-04-2024

Client P.O.:

30135 SK05GE0001 09/03/2024 12:15 TOWN OF BLAINE LAKE - WTP *WATER*

Analyte	Units	30135
Lab Section 1		
Bicarbonate*	mg/L	107
Carbonate*	mg/L	<1
Chloride*	mg/L	5.3
Hydroxide*	mg/L	<1
P. alkalinity*	mg/L	<1
pH*	pH units	7.81
Specific conductivity*	uS/cm	204
Sum of ions	mg/L	170
Total alkalinity*	mg/L	88
Total hardness*	mg/L	11
Nitrate*	mg/L	<0.04
Fluoride*	mg/L	0.04
Total dissolved solids*	mg/L	138
Lab Section 2		
Calcium*	mg/L	2.2
Magnesium*	mg/L	1.4
Potassium*	mg/L	1.5
Sodium*	mg/L	44
Sulfate*	mg/L	9.0
Aluminum*	mg/L	0.0020
Antimony*	mg/L	<0.0002
Arsenic*	ug/L	<0.1
Barium*	mg/L	<0.0005
Boron*	mg/L	0.27
Cadmium*	mg/L	<0.00001
Chromium*	mg/L	<0.0005
Copper*	mg/L	0.0035
Iron*	mg/L	0.0009
Lead*	mg/L	<0.0001
Manganese*	mg/L	<0.0005

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Analyte	Units	30135
Lab Section 2		
Selenium*	mg/L	<0.0001
Silver*	mg/L	<0.00005
Uranium*	ug/L	<0.1
Zinc*	mg/L	0.0017
Lab Section 3		
Monochloroacetic acid*	ug/L	<10
Monobromoacetic acid*	ug/L	<2
Dichloroacetic acid*	ug/L	<3
Trichloroacetic acid*	ug/L	<3
Dibromoacetic acid*	ug/L	<3
Total haloacetic acids, 5 (calc.)*	ug/L	<10
Total haloacetic acids, 6 (calc.)*	ug/L	<10
Bromochloroacetic acid*	ug/L	<3
THM1: Chloroform*	ug/L	<0.5
THM2: Bromodichloromethane*	ug/L	<0.5
THM3: Chlorodibromomethane*	ug/L	<1
THM4: Bromoform*	ug/L	<2
Total trihalomethanes (calc.)*	ug/L	<2

Symbol of "<" means "less than". This indicates that it was not detected at level stated above.

The temperature of the cooler was 15.9 °C upon receipt.

The information in this report will be shared with the Water Security Agency.

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Analyte Methods

Name	Units	Method
P. alkalinity	mg/L	Chm-211 / Chm-212
Chloride	mg/L	Chm-134
Carbonate	mg/L	Chm-211
Fluoride	mg/L	Chm-211 / Chm-212
Bicarbonate	mg/L	Chm-211
Nitrate	mg/L	Chm-124
Hydroxide	mg/L	Chm-211
pH	pH units	Chm-211 / Chm-212
Total dissolved solids	mg/L	Chm-203
Specific conductivity	uS/cm	Chm-211
Sum of ions	mg/L	Calculation
Total hardness	mg/L	Calculation
Total alkalinity	mg/L	Chm-211 / Chm-212
Silver	mg/L	Chm-522
Aluminum	mg/L	Chm-522
Arsenic	ug/L	Chm-522
Boron	mg/L	Chm-522
Barium	mg/L	Chm-522
Calcium	mg/L	Chm-508
Cadmium	mg/L	Chm-522
Chromium	mg/L	Chm-522
Copper	mg/L	Chm-522
Iron	mg/L	Chm-522
Potassium	mg/L	Chm-508
Magnesium	mg/L	Chm-508
Manganese	mg/L	Chm-522
Sodium	mg/L	Chm-508
Lead	mg/L	Chm-522
Antimony	mg/L	Chm-522
Selenium	mg/L	Chm-522
Sulfate	mg/L	Chm-508
Uranium	ug/L	Chm-522
Zinc	mg/L	Chm-522
Bromochloroacetic acid	ug/L	Glc-351
Dibromoacetic acid	ug/L	Glc-351
Dichloroacetic acid	ug/L	Glc-351
Total haloacetic acids, 5 (calc.)	ug/L	Glc-351
Total haloacetic acids, 6 (calc.)	ug/L	Glc-351

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Name	Units	Method
Monobromoacetic acid	ug/L	Glc-351
Monochloroacetic acid	ug/L	Glc-351
Total trihalomethanes (calc.)	ug/L	Glc-119
THM1: Chloroform	ug/L	Glc-119
THM2: Bromodichloromethane	ug/L	Glc-119
THM3: Chlorodibromomethane	ug/L	Glc-119
THM4: Bromoform	ug/L	Glc-119
Trichloroacetic acid	ug/L	Glc-351