



Environmental Services

MacKenzie Building, Room 521
5788 University Ave,
Halifax, NS B3H 1V8

1006 , Old School Community Gathering Place

7962 Hwy 7 PO Box 185
Musquodoboit Hbr., Nova Scotia, B0J2L0

oldschoolmh@outlook.com;

Results Inquiry Phone #: (902) 473-8466

Accession: EV-24-004206

Lab Reference: (001006)8001033237

The results in this report relate only to those parameters tested and this report may not be reproduced without the written approval of this laboratory. Test method identification and dates of sample testing are available by contacting the Environmental Services Laboratory at (902)473-8466. Result validity is based on client information, and sample as received by laboratory.

Client Sample Information

Sample Location

62 Park Rd

Water Type

Well

Collector

Colin Cameron

Additional Client Sample

Information

Collection Date 2024/04/23
Collection Time 10:45

| Procedure | Units | Acceptable Limits |
|----------------------|------------|-------------------|
| Treated? | Yes | |
| Drinking? | Yes | |
| Sample Received Date | 2024/04/24 | |
| Sample Received Time | 0805 | |

Microbiology

Collection Date 2024/04/23
Collection Time 10:45

| Procedure | Units | Acceptable Limits |
|-------------------------|-----------|-------------------|
| Total Coliforms | Absent | |
| E.coli | Absent | |
| Coliform Interpretation | See Below | |

Legend: *=Abnormal C=Critical \$=Interpretive c=Corrected L=Low H=High @=Ref Lab f=Footnotes



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2024/04/23 10:45 Coliform Interpretation
No coliforms detected in 100 mL.

M e t a l s

Collection Date 2024/04/23
Collection Time 10:45

| Procedure | | Units | Acceptable Limits |
|-------------------|------|-------|-------------------|
| Aluminum \$ | 24 | ug/L | [<=2900] |
| Antimony \$ | <2 | ug/L | [<=6] |
| Arsenic \$ | 0.7 | ug/L | [<=10.0] |
| Barium \$ | 6 | ug/L | [<=2000] |
| Boron \$ | <20 | ug/L | [<=5000] |
| Cadmium \$ | <1 | ug/L | [<=7] |
| Calcium | 22.5 | mg/L | |
| Chromium \$ | <2 | ug/L | [<=50] |
| Copper \$ | <2 | ug/L | [<=1000] |
| Iron \$ | 69 | ug/L | [<=300] |
| Lead \$ | <0.5 | ug/L | [<=5.0] |
| Magnesium | 1.5 | mg/L | |
| Manganese \$ | 11 | ug/L | [<=20] |
| Potassium | 3.2 | mg/L | |
| Selenium \$ | <2 | ug/L | [<=50] |
| Sodium \$ | 15.1 | mg/L | [<=200.0] |
| Strontium \$ | 66 | ug/L | [<=7000] |
| Uranium \$ | 0.5 | ug/L | [<=20.0] |
| Zinc \$ | <5 | ug/L | [<=5000] |
| Hardness as CaCO3 | 62.3 | mg/L | |

2024/04/23 10:45 Aluminum:
Maximum acceptable concentration in drinking water: 2900 ug/L

2024/04/23 10:45 Antimony:
Maximum acceptable concentration in drinking water: 6 ug/L

2024/04/23 10:45 Arsenic:
Maximum acceptable concentration in drinking water: 10.0 ug/L

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2024/04/23 10:45 Barium:
Maximum acceptable concentration in drinking water: 2000 ug/L

2024/04/23 10:45 Boron:
Maximum acceptable concentration in drinking water: 5000 ug/L

2024/04/23 10:45 Cadmium:
Maximum acceptable concentration in drinking water: 7 ug/L

2024/04/23 10:45 Chromium:
Maximum acceptable concentration in drinking water: 50 ug/L

2024/04/23 10:45 Copper:
Aesthetic Objective in drinking water: 1000 ug/L
Maximum acceptable concentration in drinking water: 2000 ug/L

2024/04/23 10:45 Iron:
Aesthetic Objective in drinking water: 300 ug/L

2024/04/23 10:45 Lead:
Maximum acceptable concentration in drinking water: 5.0 ug/L

2024/04/23 10:45 Manganese:
Aesthetic Objective in drinking water: 20 ug/L
Maximum acceptable concentration in drinking water: 120 ug/L

2024/04/23 10:45 Selenium:
Maximum acceptable concentration in drinking water: 50 ug/L

2024/04/23 10:45 Sodium:
Aesthetic Objective in drinking water: 200 mg/L

2024/04/23 10:45 Strontium:
Maximum acceptable concentration in drinking water: 7000 ug/L

2024/04/23 10:45 Uranium:
Maximum acceptable concentration in drinking water: 20.0 ug/L

| |
|--|
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2024/04/23 10:45 Zinc:
Aesthetic Objective in drinking water: 5000 ug/L

M i s c e l l a n e o u s W a t e r T e s t s

Collection Date 2024/04/23
Collection Time 10:45

| Procedure | | Units | Acceptable Limits |
|----------------------------|-------|---------|-------------------|
| Conductivity | 210.0 | uS/cm | |
| pH | 9.0 | unit(s) | [7.0-10.5] |
| Turbidity \$ | 0.9 | NTU | |
| Alkalinity as CaCO3 | 67.6 | mg/L | |
| Chloride \$ | 21.3 | mg/L | [<=250.0] |
| Colour \$ | <5.0 | TCU | [<=15.0] |
| Fluoride \$ | <0.20 | mg/L | [<=1.50] |
| Sulfate \$ | 5.2 | mg/L | [<=500.0] |
| Nitrate + Nitrite (N) \$ | 0.08 | mg/L | [<=10.00] |
| Ammonia (N) | <0.02 | mg/L | |
| Total Dissolved Solids \$ | 122.0 | mg/L | [<=500.0] |
| Total Organic Carbon (TOC) | 0.7 | mg/L | |

2024/04/23 10:45 Turbidity:
Refer to Health Canada's Guidelines for Canadian Drinking Water Quality

2024/04/23 10:45 Chloride:
Aesthetic Objective in drinking water: 250 mg/L

2024/04/23 10:45 Colour:
Aesthetic Objective in drinking water: 15 TCU (True Colour Units)

2024/04/23 10:45 Fluoride:
Maximum acceptable concentration in drinking water: 1.50 mg/L

2024/04/23 10:45 Sulfate:
Aesthetic Objective in drinking water: 500 mg/L

2024/04/23 10:45 Nitrate + Nitrite (N):
Maximum acceptable concentration in drinking water: 10 mg/L

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2024/04/23 10:45 Total Dissolved Solids:
Aesthetic Objective in drinking water: 500 mg/L

E l e c t r o n i c S i g n a t u r e

Verified:
2024/04/25
Environmental Services Laboratory
CALA Accredited Facility
(Electronic Signature)

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Acceptable limits are based on Health Canada's Guidelines for Canadian Drinking Water Quality  
Additional information may be found at Nova Scotia Environment:  
1-877-936-8476 and/or [www.novascotia.ca/nse/water/thedroponwater.asp](http://www.novascotia.ca/nse/water/thedroponwater.asp)  
Nova Scotia Environment recommends bacterial testing of water quality at least every six months and  
chemical testing of water quality at least every two years.  
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