



NASHOBA ANALYTICAL

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC

31A Willow Road Ayer, Massachusetts 01432
Phone: 978-391-4428 | website: www.nashobaanalytical.com

Laboratory Report

Brian J. Volk
161 Bathrick Rd
Westminster, MA 01473

Date Printed: 08/06/2024
Work Order #: 2407-06581
Client Job #:
Date Received: 07/29/2024
Sample collected in: Massachusetts

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

Nashoba Analytical:
Identified by MA in the Analyst Column
31A Willow Road, Ayer, MA 01432
www.nashobaanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- DF: "Dilution factor" means the ratio of the volume of the sample to the volume of the final (dilute) solution.
- MDL: "Minimum Detection Limit" means the minimum result which can be reliably discriminated from a blank with a predetermined confidence level.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **This report contains data that were produced by a subcontracted laboratory accredited for the fields of testing performed, if available. Accreditation for each analyte is identified by the * symbol following the analyte name.**
R.I. Analytical, Inc., 41 Illinois Ave, Warwick, RI 02888 Accreditation # M-RI015
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: H = Hold time non-compliant., L = Laboratory control sample outside control limits.**

SAMPLE STATE SPECIFIC NOTES:

Additional Narrative or Comments: **Received at lab in sealed envelope.**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.

Erin Shaw
Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507
Nashoba Analytical: Accreditations: Massachusetts M-MA1118



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CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 08/06/2024
CLIENT NAME: Brian J. Volk
CLIENT ADDRESS: 161 Bathrick Rd
 Westminster, MA 01473
SAMPLE ID #: 2407-06581-001
SAMPLED BY: Westminster Board Of Health
SAMPLE ADDRESS: Brian J. Volk
 161 Bathrick Rd
 Westminster MA 01473
MORE LOC INFO: Bathroom Sink

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED: 07/29/2024 10:35AM
DATE AND TIME RECEIVED: 07/29/2024 11:32AM
ANALYSIS PACKAGE: M-Comprehensive-TDS
RECEIPT TEMPERATURE: 18.6° CELSIUS

CLIENT JOB #:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Turbidity*	0.61	NTU			0.5	No Limit	EPA 180.1	AH-MA	07/29/2024 11:57AM
Calcium*	26	mg/L			1	No Limit	EPA 200.7	KW-MA	08/01/2024 02:30PM
Copper*	<0.010	mg/L	✓		0.010	1.3 mg/L	EPA 200.7	KW-MA	08/01/2024 02:30PM
Iron*	<0.010	mg/L	✓		0.010	0.3 mg/L	EPA 200.7	KW-MA	08/01/2024 02:30PM
Magnesium	5.7	mg/L			1.0	No Limit	EPA 200.7	KW-MA	08/01/2024 02:30PM
Manganese*	<0.010	mg/L	✓		0.010	0.05 mg/L	EPA 200.7	KW-MA	08/01/2024 02:30PM
Potassium	2.6	mg/L		L	1.0	No Limit	EPA 200.7	KW-MA	08/01/2024 02:30PM
Sodium*	17.6	mg/L	✓		1	20 mg/L	EPA 200.7	KW-MA	08/01/2024 02:30PM
Arsenic*	0.0016	mg/L	✓		0.001	0.010 mg/L	EPA 200.8	NM-NH	07/30/2024 05:19PM
Lead*	<0.001	mg/L	✓		0.001	0.015 mg/L	EPA 200.8	NM-NH	07/30/2024 05:19PM
Chloride*	18.4	mg/L	✓		2	250 mg/L	EPA 300.0	AH-MA	07/29/2024 01:08PM
Fluoride*	0.44	mg/L	✓		0.2	4.0 mg/L	EPA 300.0	AH-MA	07/29/2024 01:08PM
Nitrate as N*	<0.05	mg/L	✓		0.05	10 mg/L	EPA 300.0	AH-MA	07/29/2024 01:08PM
Nitrite as N*	<0.05	mg/L	✓		0.05	1 mg/L	EPA 300.0	AH-MA	07/29/2024 01:08PM
Sulfate*	20.1	mg/L	✓		2	250 mg/L	EPA 300.0	AH-MA	07/29/2024 01:08PM
Sediment	Absent						N/A N/A	AH-MA	07/29/2024 11:53AM
Color, Apparent	0	CU	✓		0	15	SM 2120B	AH-MA	07/29/2024 11:56AM
Odor	0	TON	✓		0	3 T.O.N.	SM 2150B	AH-MA	07/29/2024 11:53AM
Total Alkalinity*	68	mg CaCO3/L			1	No Limit	SM 2320B	AH-MA	07/29/2024 05:00PM
Hardness (calc.)	88	mg CaCO3/L			1	No Limit	SM 2340 B	KW-MA	08/01/2024 02:30PM
Specific Conductance @ 25°C	260	umhos/cm			10	No Limit	SM 2510B	AH-MA	07/29/2024 11:59AM
Total Dissolved Solids*	120	mg/L	✓		10	500 mg/L	SM 2540C	M-RI015	07/31/2024 04:58PM
Residual Free Chlorine*	<0.2	mg/L	✓	H	0.2	4	SM 4500Cl-G	AH-MA	07/29/2024 02:54PM
pH at 25°C*	7.88	SU	✓	H	N/A	6.5 - 8.5 SU	SM 4500-H-B	AH-MA	07/29/2024 11:59AM

Total Coliform / E.coli Bacteria Preparation (Colilert®-18) 20th ED SM 9223B ES-MA 07/29/2024 02:12PM

Erin Shaw

Erin Shaw
 Laboratory Director



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MORE LOC INFO: Bathroom Sink

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 07/29/2024 10:35AM
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ANALYSIS PACKAGE: M-Comprehensive-TDS
RECEIPT TEMPERATURE: 18.6° CELSIUS

CLIENT JOB #:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Ammonia as N	<0.1	mg/L			0.1	No Limit	SM 4500NH3 D	KW-MA	08/01/2024 11:22AM
Coliform Bacteria*	Absent	P-A/100mL	✓		Absent	No Limit	SM 9223B	MR-MA	07/30/2024 11:10AM
E. coli Bacteria*	Absent	P-A/100mL	✓		Absent	Absent	SM 9223B	MR-MA	07/30/2024 11:10AM
Total Coliform / E.coli Bacteria Preparation (Colilert®-18) 20th ED							SM 9223B	ES-MA	07/29/2024 02:12PM

Erin Shaw
Laboratory Director

2407-6581



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Water Sampling Instructions

Samples for microbiological analysis must be collected in disposable pre-sterilized plastic bottles. Chemical analysis will be performed from a clean 500mL glass or plastic container.

****PLEASE FILL ALL THE CONTAINERS THAT YOU ARE GIVEN.****

When the sample is collected, sufficient air space (1/4 inch) should be left in the top of the sterile bottle to facilitate shaking prior to analysis. Keep sample bottles closed until they are to be filled and be careful not to contaminate inside surfaces of containers. Fill containers without rinsing and cap immediately.

1. Remove aeration screen or other attachments from faucet.
2. If tap cleanliness is in doubt it may be cleaned with either an alcohol prep pad or a weak solution of Clorox bleach.
3. Run hot water first (if available) for 2-3 minutes then turn off. Run the cold water for 2-3 minutes.
4. Reduce water flow to permit filling bottle without splashing.
5. Fill sample container(s) with cold water and recap immediately.
6. Deliver samples to the laboratory as soon as possible.

PAID
VISA

Samples must be received at the laboratory within 24 hours of collection.

Do not take bacteria samples from a hose, they will almost certainly fail. Use a faucet that has been cleaned properly.

Special Instructions for Radon in Water or Volatile Organic Compounds:

If sampling for radon or volatile organic compounds, special vials are required. They must be filled so that there is a solid column of water (no air bubbles or head space) present after capping the vials. Invert the vial after filling and observe for any rising bubbles/air. If there are any bubbles/air, add more water. (Note: Radon in Air has separate instructions included in the kit – please follow those instructions.)

Label bottles with your name, address, date and time sampled.

Please fill in all information and include this sheet with samples.

MAILING INFORMATION (Please Print)

SAMPLE SITE INFORMATION (Please Print)

Name: Brian J. Volk
 Street: 161 Besbrook Rd
 Town: Westminster
 State/Zip Code: MA 01473
 Contact Phone #: 774-280-5714
 Email: ~~b.volk@nashoba.com~~ bvolk1980@gmail.com

Street: Same
 Town: _____
 State/Zip Code: _____
 Sample drawn by: BOH
 Sample Site: bathtub sink
 (i.e. kitchen sink, well head)
 Date and Time Sampled: 7/29/24 10:35 am

Payment is required when sample is received at lab. We accept Check or Credit Card. bvolk1980@gmail.com
 Results will not be released until payment is received

Source: Drinking Water _____ Other _____

Do you have any water treatment devices? _____

Are you having any problems with your water? _____

****Test(s) To Be Performed**:** Must fill this line out for paperwork to be complete: Westminster comprehensive

Lab Use Only: Temperature: 18.6°C
 Evidence of Cooling? Yes: _____ No: X Received by: [Signature] Time: 1132 Date: 7/29/24

ALL RESULTS WILL BE EMAILED UNLESS OTHERWISE REQUESTED. Please make sure you include your correct email address above.

rec'd at lab in sealed envelope

Owner:

Address: 161 Bathrick Rd.
Westminster, MA

at: 7/29/24

me: 10:35

to: Bathroom Sink

Roll ~~Over~~
The results indicate seal
was intact upon arrival

Comprehensive ✓

Retest

Fee: