

# A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210  
Phone (207) 784-5354

website [www.allaboratory.com](http://www.allaboratory.com)

## Laboratory Report

**Bruce Patrick**  
1039 Parker Mountain Road  
Strafford, NH 03884

Date Printed: 06/21/2024  
Work Order #: 2406-03638  
Client Job #:  
Date Received: 06/18/2024  
Sample collected in: Maine

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](http://www.allaboratory.com)

**Granite State Analytical Services LLC:**  
*Identified by NH in Analyst Column*  
22 Manchester Road, Derry, NH 03038  
[www.granitestateanalytical.com](http://www.granitestateanalytical.com)

**Nashoba Analytical:**  
*Identified by MA in the Analyst Column*  
31A Willow Road, Ayer, MA 01432  
[www.nashobaanalytical.com](http://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. **None**
- 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., T = Thermal preservation non-compliant.

### SAMPLE STATE SPECIFIC NOTES:

- The State of Maine requires the reporting of radon test results in accordance with the Act (22 MSRA sec. 771 et seq.). The following for all tests completed by A & L will be reported to the state on a monthly basis: address of the structure tested, radon result, and whether or not there is a mitigation system in place. A + symbol indicates State of Maine Radon Registration.
- The Maximum Exposure Guideline(MEG) for water radon in Maine is 4,000pCi/L

Additional Narrative or Comments: **None**

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.

Rebecca L. Labranche  
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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## CHAIN OF CUSTODY

2406-03638-001

Sampled: 08/17/24 09:30

Patrick  
 490 Douglas Highway La  
 PKG: A & L-IC-Comp-MPN-  
 AWQ-Radon-ME



Customer Name: BRUCE PATRICK Sample Date: 6/17/24 Time: 9:30 AM

Sample Address: 490 Douglas Highway City: Lamoine State: ME Zip: 04605 Taken

By: Laurie Patrick

Type of Well (circle) DUG  DRILLED  SPRING  LAKE

Report To Be Sent To: Please Note: If results are emailed hard copies will not be sent unless requested.

Name: BRUCE PATRICK \*HARD COPY REQUESTED\*

Address: 1039 PARKER MKTD Reason for Testing: Please

City: STAFFORD State: NH Zip: 03884

E-Mail: blpatrick@metrecast.net

Phone: 603 767 5271 Signature: Bruce Patrick

\* A Copy of the test results will be sent to Air & Water Quality

Sample Collected From:  
 Kitchen  
 Bath  
 Other

Treatment System Y  N  
 Radon Treatment Y  N  
 State Drinking Water Program  
 \*\*Please enter the PWSID below if this is to be reported to the State of Maine PWSID#

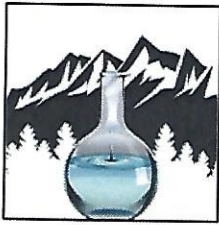
YES PRIVATE WELL TESTING: I authorize A & L Laboratory to analyze and report results if samples do not meet the thermal preservation requirement (on ice & ≤ 6 °C) for Nitrate and Nitrite upon arrival at the lab. Data for these analytes will be qualified on the final report. See sampling instructions for more details.  
 NO

### Please Check Desired Analysis

- Bacteria Count (E. coli & Total Coliform)
- Safety/Food License (E. coli, Total Coliform, Nitrate, Nitrite)
- Comprehensive (Safety + pH, Hardness, Chloride, Sodium, Copper, Iron, Manganese, Magnesium, Calcium, Fluoride, Arsenic, Lead, Uranium)
- Comprehensive + Radon KAD
- Fluoride          Total Arsenic          Uranium
- Other

### LAB USE ONLY

DATE/TIME RECEIVED: 6/18/24 702  
 TEMPERATURE [°C]: ICE          AMBIENT 19  
 OUT OF HOLD TIME: YES  NO   
 PROPER CONTAINER: YES  NO   
 METHOD OF DELIVERY: WALK IN  MAIL  UPS/COURIER  DROP BOX   
 PAID          BILL          AWQ          NO CHG           
 CK#           CC  CASH  A&L INITIALS JAD



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## CERTIFICATE OF ANALYSIS FOR DRINKING WATER

**DATE PRINTED:** 06/21/2024  
**CLIENT NAME:** Bruce Patrick  
**CLIENT ADDRESS:** 1039 Parker Mountain Road  
 Strafford, NH 03884  
**SAMPLE ID #:** 2406-03638-001  
**SAMPLED BY:** Laurie Patrick  
**SAMPLE ADDRESS:** Patrick  
 490 Douglas Highway  
 Lamoine ME 04605  
**MORE LOC INFO:** Drilled well Kitchen

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

**DATE AND TIME COLLECTED:** 06/17/2024 09:30AM  
**DATE AND TIME RECEIVED:** 06/18/2024 07:00AM  
**ANALYSIS PACKAGE:** A & L-IC-Comp-MPN-  
 AWQ-Radon-ME  
**RECEIPT TEMPERATURE:** 19° CELSIUS  
**CLIENT JOB #:**

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Arsenic*	<0.001	mg/L	✓		0.001	0.010 mg/L	EPA 200.8	JP-NH	06/20/2024 11:49AM
Calcium	19.1	mg/L			0.1	No Limit	EPA 200.8	JP-NH	06/21/2024 10:58AM
Copper*	0.0253	mg/L	✓		0.001	1.3 mg/L	EPA 200.8	JP-NH	06/20/2024 11:49AM
Hardness (calc.)	64.2	mg CaCO3/L			0.25	No Limit	EPA 200.8	JP-NH	06/21/2024 10:58AM
Iron	0.30	mg/L	✓		0.1	0.3 mg/L	EPA 200.8	JP-NH	06/20/2024 11:49AM
Lead*	<0.001	mg/L	✓		0.001	0.015 mg/L	EPA 200.8	JP-NH	06/20/2024 11:49AM
Magnesium	4.00	mg/L			0.1	No Limit	EPA 200.8	JP-NH	06/20/2024 11:49AM
Manganese*	0.0135	mg/L	✓		0.001	0.05 mg/L	EPA 200.8	JP-NH	06/20/2024 11:49AM
Sodium	10.5	mg/L			0.1	No limit	EPA 200.8	JP-NH	06/21/2024 10:58AM
Uranium*	<1	ug/L	✓		0.1	30 ug/L	EPA 200.8	JP-NH	06/20/2024 11:49AM
Chloride*	18	mg/L	✓		2	250 mg/L	EPA 300.0	JR-ME	06/18/2024 09:27AM
Fluoride*	0.21	mg/L	✓		0.2	4.0 mg/L	EPA 300.0	JR-ME	06/18/2024 09:27AM
Nitrate as N*	1.43	mg/L	✓	T	0.2	10 mg/L	EPA 300.0	JR-ME	06/18/2024 09:27AM
Nitrite as N*	<0.2	mg/L	✓	T	0.2	1 mg/L	EPA 300.0	JR-ME	06/18/2024 09:27AM
pH*	6.91	SU	✓	H	-	6.5 - 8.5 SU	SM 4500H+B	JR-ME	06/18/2024 09:38AM
Radon+	1,174	pCi/L	✓		100	4000 pCi/L	SM 7500-RN B	TT-ME	06/18/2024 03:19PM
Coliform MPN*	<1	MPN/100mL	✓		1	No Limit	SM 9223 B	JR-ME	06/19/2024 09:50AM
E. coli MPN*	<1	MPN/100mL	✓		1	0	SM 9223 B	JR-ME	06/19/2024 09:50AM

Total Coliform / E.coli Bacteria Preparation (Colilert® Quanti-Tray®) 20th ED SM 9223 B JR-ME 06/18/2024 09:00AM

Rebecca L. Labranche  
 Laboratory Director