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

Laboratory Report

Mattanawcook Jr High School
45 School Street
Lincoln, ME 04457

Date Printed:	**06/20/2022**
Work Order #:	**2205-00747**
Client Job #:	**949**
Date Received:	**05/05/2022**
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

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

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical LLC. 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: None

SAMPLE STATE SPECIFIC NOTES:

- The thermal preservation requirement of 4°C for nitrate & nitrite has been waived by the Maine CDC for all samples submitted to the Drinking Water Program.

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

Public Notice: School Lead Water Sample Results

Information concerning the lead level results for drinking water samples taken at

Mattanawcook Jr. High School
name of school

Maine law requires schools to test all drinking water faucets that could be used for drinking or cooking purposes for the presence of lead. This law further requires that parents and staff are made aware of all of the sample results.

During the period of 5/5/22 *begin date* **to** 5/5/22 *end date*

Water samples were collected from 1 *# locations* **water fixtures.**

Any sites producing elevated levels of lead (exceeding 4 parts per billion, or ppb), and therefore the faucets of most concern, are listed in the table on the following page(s).

Results for all drinking water outlets tested can be viewed here:

Room 10, Sink #2
Enter website address or physical location

Statewide test results for Maine schools can also be found the on Maine DWP website at: www.medwp.com/schools.html

How does lead get into the water? When lead is present in water, it typically leaches, or dissolves, into water flowing through plumbing and fixtures *inside* a building from sources such as solder, pipes, or the faucets themselves. The school's well water or water provided by your local water district are unlikely sources of lead.

What are the Health Effects of exposure to lead in drinking water? Infants and children who drink water containing high levels of lead can experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink water containing excess levels of lead over many years could develop kidney problems or high blood pressure.

What level of lead is safe? No level of lead is safe. Because of the potential serious health risks, both the Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control and Prevention (CDC) agree that there is no known safe level of lead in a child's blood.

Please be aware that this sampling is done under conditions that are optimal for identifying lead in water. By having the water sit unused for many hours, lead that might be leaching from pipes or fittings is more easily discovered. However, *these levels are likely not the level of lead present in the drinking water throughout the school day.*

What can I do? Here are a few steps you can take to reduce the risk of your child being exposed to lead through school drinking water:

- Provide your child with bottled water or water from your home to reduce their usage of school drinking water outlets. Be sure to sample your home water for lead, too.
- Remind your child to let the water run for 30 seconds before drinking or filling a water bottle at school, which will lower any possible lead concentration.
- Consult your doctor if you have any specific health concerns.

School Fixtures with Elevated Lead Results (exceeding 4 parts per billion)

**Additional tables may be attached if your school has more than 20 collection sites with elevated lead levels.*

	Collection Date	Collection Site	Concentration (ppb)
1	5-5-22	Mattanawcook Jr. High School Room 10, sink #2	62.6 ppb
2			
3			
4			
5			
6			
7			
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9			
10			
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12			
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16			
17			
18			
19			
20			

What is Being Done:

To correct the problem(s), we have taken these actions:

sink will be taken off line for drinking

Future plans for the reduction of high lead levels in our drinking water include:

will be further tested for remediation strategy

These actions are expected to be completed on: 6/21/22 off line *(Date)*