



***Regional School Unit 5***  
Durham • Freeport • Pownal

*"To inspire and support every learner by challenging minds, building character, sparking creativity, and nurturing passions."*

Becky Foley, Ph.D., Superintendent of Schools  
Peggy Brown, Interim Director of Finance & Human Resources

Cynthia Alexander, Assistant Superintendent of Schools  
Bonnie Violette, Ph.D., Director of Instructional Support

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April 19, 2022

Dear Durham Community School Families,

Last year the Maine Legislature enacted a new law requiring all Maine schools to test their water for lead at all drinking water fixtures, including cooking water. The EPA level recommends action if levels are 15 parts per billion. Maine's new law recommends action if results are 4.0 parts per billion (ppb) or higher.

Our school drinking water fixtures at Durham Community School were sampled on March 11, 2022 by RSU 5 and analyzed by A & L Laboratory. We received the results from A & L Laboratory on Monday April 18, 2022. Of the forty fixtures tested at DCS, two showed results higher than 4.0 ppb. No fixture exceeded EPA levels. Of the remaining thirty eight remaining fixtures, all tested with levels below the Maine requirement of 4 parts per billion.

To optimize the conditions that identify lead in the water, sampling was done over the March 11, no school professional Learning day to ensure fountains sat unused for many hours. The issues are caused by the fixtures and not by the water as evidenced by the resulting levels at other fixtures within the school.

We will be posting all of the results of the water samples along with information about lead in drinking water to our website at [rsu5.org](http://rsu5.org) as well as our community bulletin board. If you have any questions, please feel free to contact me at 865-0928 x 226 or Principal Will Pidden at 353-9333.

Sincerely,

  
Dennis R. Ouellette  
Director of Facilities & Transportation  
RSU 5

Will Pidden  
Principal  
Durham Community School

# Public Notice: School Lead Water Sample Results

## Information concerning the lead level results for drinking water samples taken at DURHAM COMMUNITY 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 3-11-2022 to 3-11-2022  
begin date end date

Water samples were collected from 40 water fixtures.  
# locations

*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:

rsu5.org

Enter website address or physical location

Statewide test results for Maine schools can also be found on the Maine DWP website at: [www.medwp.com/schools.html](http://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	3-11-2022	ROOM 117	7.1
2	3-11-2022	ROOM 124	4.2
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

### What is Being Done:

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

WE HAVE REMOVED DRINKING WATER FUNCTION AT BOTH OF THE SINKS

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

INSTALL DRINKING WATER FOUNTAINS WITH BUILT IN FILTERS IN HALLWAY  
DRINKING WATER FOUNTAINS

These actions are expected to be completed on: **6-30-2022** (Date)





## Information about Lead in Drinking Water for Students, Staff, and Parents



### Health Effects of Lead

If too much lead enters your body from drinking water or other sources, serious health problems can occur, including damage to the brain and kidneys and interference with the production of oxygen-carrying red blood cells.

The greatest risk of lead exposure is to infants, young children, and pregnant women: During pregnancy, the fetus receives lead from the mother, which may affect brain development. In children, the continuing effects of lead on the brain have been linked to lowered IQ. Furthermore, lead is stored in the bones and can be released later in life, so, adults who were exposed to high levels of lead earlier in life may still encounter kidney problems and high blood pressure.

### Sources of Lead

Lead can be found in many places; knowing the sources of lead can help limit your contact with it. Although most of the reported cases of lead poisoning in Maine have been a result of lead paint dust, exposure can also occur through drinking and cooking with water that has lead, as it can dissolve into water from solder or brass faucets, fittings, and valves. Exposure to lead can also come from jobs and hobbies that utilize materials containing lead, as well as from things you buy such as toys and antiques.

### How Lead Got into Your Water

The most likely source of lead in your water is leaching from lead solder on your pipes or out of brass plumbing materials found in faucets, fittings, and valves.

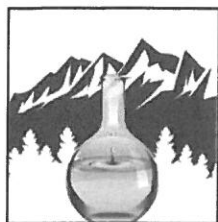
### Steps You Can Take to Protect Yourself from Lead in Drinking Water

- Run the water for at least 30 seconds or until it becomes noticeably colder before using it for drinking or cooking. The longer water sits in piping, the greater the chance that lead might leach in.
- Use cold water for drinking and cooking as well as for preparing baby formula. Hot water dissolves lead more quickly than cold water.
- Clean your faucet aerator (screen) regularly.
- Consider using bottled water or a water filter for drinking and cooking.

\* Remember: Boiling the water does *not* reduce lead levels.

### Find Out More

For more information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at <http://www.epa.gov/lead>, or contact the Maine Childhood Lead Poisoning Prevention Program (866-292-3474) or your health care provider. Your doctor can answer questions about having your child tested for lead.



# 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

**Durham Community School**  
654 Hallowell Road  
Durham, ME 04222

**Date Printed:** 04/18/2022  
**Work Order #:** 2203-01824  
**Client Job #:** 156  
**Date Received:** 03/11/2022  
**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](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)

### 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.

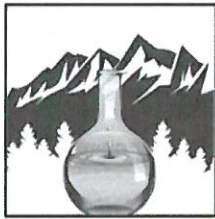
Additional Narrative or Comments: None

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

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, LLC: Accreditations: Massachusetts M-MA1118





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## CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 04/18/2022  
CLIENT NAME: Durham Community School

CLIENT ADDRESS: 654 Hallowell Road  
Durham, ME 04222

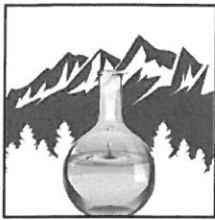
METHOD: EPA 200.8  
EPA ACTION LEVEL: 15 ppb  
MAINE GUIDELINE: 4 ppb  
REPORTING LIMIT: 1 ppb

Legend	
Lead Above 4 ppb	⬇
Lead Above 15 ppb	⊗

DATE AND TIME RECEIVED: 03/11/2022 02:45PM  
ANALYSIS PACKAGE: Maine Schools-Lead  
RECEIPT TEMPERATURE: 21° CELSIUS  
CLIENT JOB #: 156

Sample ID #	Location	Sample Type	Outlet Type	Date - Time Water Sampled	Result	Test Units	Pass /Fail	DQ Flag	Analyst	Date - Time Analyzed
2203-01824-001	Left Main Hall at Room 109	I	DWF	03/11/2022 01:10PM	<1	ppb			DG-NH	04/12/2022 02:10AM
2203-01824-002	Nurses Office	I	KF	03/11/2022 01:09PM	3.5	ppb			DG-NH	04/12/2022 02:20AM
2203-01824-003	Gym Locker Rooms	I	DWF	03/11/2022 01:50PM	<1	ppb			DG-NH	04/12/2022 02:24AM
2203-01824-004	Cafeteria	I	DWF	03/11/2022 01:40PM	<1	ppb			DG-NH	04/12/2022 02:28AM
2203-01824-005	127	I	DWF	03/11/2022 01:27PM	2.2	ppb			DG-NH	04/12/2022 02:31AM
2203-01824-006	Kitchen Sink	I	KF	03/11/2022 01:30PM	<1	ppb			DG-NH	04/12/2022 02:42AM
2203-01824-007	1st Floor Gang Bathroom	I	DWF	03/11/2022 01:08PM	<1	ppb			DG-NH	04/12/2022 02:46AM
2203-01824-008	Room 130	I	DWF	03/11/2022 01:19PM	<1	ppb			DG-NH	04/12/2022 02:49AM
2203-01824-009	Room 105 #2	I	DWF	03/11/2022 01:12PM	1.4	ppb			DG-NH	04/12/2022 02:53AM
2203-01824-010	106	I	DWF	03/11/2022 01:15PM	1.1	ppb			DG-NH	04/16/2022 08:43AM
2203-01824-011	107	I	DWF	03/11/2022 01:15PM	1.7	ppb			DG-NH	04/16/2022 08:47AM
2203-01824-012	108	I	DWF	03/11/2022 01:13PM	<1	ppb			DG-NH	04/16/2022 08:51AM
2203-01824-013	109	I	DWF	03/11/2022 01:11PM	2.1	ppb			DG-NH	04/16/2022 08:54AM
2203-01824-014	116	I	DWF	03/11/2022 01:17PM	1.0	ppb			DG-NH	04/16/2022 08:58AM
2203-01824-015	117	I	DWF	03/11/2022 01:18PM	7.1	ppb		⬇	DG-NH	04/16/2022 09:01AM
2203-01824-016	118	I	DWF	03/11/2022 01:18PM	1.3	ppb			DG-NH	04/16/2022 09:12AM
2203-01824-017	119	I	DWF	03/11/2022 01:19PM	<1	ppb			DG-NH	04/16/2022 09:16AM
2203-01824-018	120	I	DWF	03/11/2022 01:20PM	1.1	ppb			DG-NH	04/16/2022 09:26AM
2203-01824-019	123	I	DWF	03/11/2022 01:29PM	2.6	ppb			DG-NH	04/16/2022 09:30AM
2203-01824-020	124	I	DWF	03/11/2022 01:29PM	4.2	ppb		⬇	DG-NH	04/16/2022 09:34AM
2203-01824-021	125	I	DWF	03/11/2022 01:30PM	2.8	ppb			DG-NH	04/16/2022 09:37AM
2203-01824-022	126	I	DWF	03/11/2022 01:30PM	3.7	ppb			DG-NH	04/16/2022 09:41AM
2203-01824-023	133	I	DWF	03/11/2022 01:05PM	3.1	ppb			DG-NH	04/16/2022 09:44AM
2203-01824-024	134	I	DWF	03/11/2022 01:04PM	1.1	ppb			DG-NH	04/16/2022 09:48AM
2203-01824-025	201	I	DWF	03/11/2022 01:47PM	1.3	ppb			DG-NH	04/10/2022 05:54PM
2203-01824-026	202	I	DWF	03/11/2022 01:49PM	<1	ppb			DG-NH	04/10/2022 05:58PM

Rebecca L. Labranche  
Laboratory Director



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Lead Above 4 ppb	⬆
Lead Above 15 ppb	⊗

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CLIENT JOB #: 156

Sample ID #	Location	Sample Type	Outlet Type	Date - Time Water Sampled	Result	Test Units	Pass /Fail	DQ Flag	Analyst	Date - Time Analyzed
2203-01824-027 203		I	DWF	03/11/2022 01:49PM	<1	ppb			DG-NH	04/10/2022 06:01PM
2203-01824-028 204		I	DWF	03/11/2022 01:50PM	1.9	ppb			DG-NH	04/10/2022 06:05PM
2203-01824-029 205		I	DWF	03/11/2022 01:51PM	<1	ppb			DG-NH	04/10/2022 06:08PM
2203-01824-030 206		I	DWF	03/11/2022 01:51PM	1.1	ppb			DG-NH	04/10/2022 06:12PM
2203-01824-031 207		I	DWF	03/11/2022 01:49PM	<1	ppb			DG-NH	04/10/2022 06:16PM
2203-01824-032 210		I	DWF	03/11/2022 01:45PM	3.0	ppb			DG-NH	04/10/2022 06:19PM
2203-01824-033 211		I	DWF	03/11/2022 01:46PM	2.4	ppb			DG-NH	04/10/2022 06:23PM
2203-01824-034 212		I	DWF	03/11/2022 01:47PM	<1	ppb			DG-NH	04/10/2022 06:26PM
2203-01824-035 213		I	DWF	03/11/2022 01:47PM	1.4	ppb			DG-NH	04/10/2022 06:44PM
2203-01824-036 214		I	DWF	03/11/2022 01:46PM	1.1	ppb			DG-NH	04/10/2022 06:48PM
2203-01824-037 215		I	DWF	03/11/2022 01:46PM	1.6	ppb			DG-NH	04/10/2022 06:52PM
2203-01824-038 Ice Machine		I	OT	03/11/2022 01:35PM	<1	ppb			DG-NH	04/10/2022 06:55PM
2203-01824-039 Main Straight at Room 127		I	DWF	03/11/2022 01:26PM	<1	ppb			DG-NH	04/10/2022 06:59PM
2203-01824-040 Upper Level at Room 208		I	DWF	03/11/2022 01:26PM	1.4	ppb			DG-NH	04/10/2022 07:02PM

Rebecca L. Labranche  
Laboratory Director