

Public Notice: School Lead Water Sample Results

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

Mattanawcook Academy
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 3/10/22 to 3/10/22
begin date end date

Water samples were collected from 28 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:

RSU67.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

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	3/10/22	main office Womens BR Sink	5.4
2	3/10/22	Wood Shop Sink	5.7
3	3/10/22	Lms Kitchen west sink	4.5
4	3/10/22	Lms Sink By Washer	14.7
5	3/10/22	Lms Classroom sink	27.3
6	3/10/22	Lms Bathroom sink	6.6
7	3/10/22	Library south Drinking Fountain	6.0
8	3/10/22	1st Floor teachers Room sink	4.3
9	3/10/22	Library office sink	13.8
10	3/10/22	200 wing Boy BR east sink	5.3 5.3
11	3/10/22	200 wing Girls BR east sink	7.7
12	3/10/22	Room 206 Sink	25.6
13	3/10/22	Room 205 east sink	14.1
14	3/10/22	Room 205 west sink	5.7
15	3/10/22	Nurses Room sink	11.9
16	3/10/22	Nurses Room sink in small Room	22.9
17	3/10/22	200 wing North Faculty BR sink	6.5
18	3/10/22	womens PEO office sink	16.8
19	3/10/22	Adult Ed Room Sink	27.2
20	3/10/22	Girls PE Locker Room sink	6.2

What is Being Done:

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

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

These actions are expected to be completed on:

(Date)

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)
21	3/10/22	Mens PE office sink	13.7
22	3/10/22	Kitchen BR sink	53.0
23	3/10/22	Kitchen Prep area sink	4.1
24	3/10/22	Kitchen 3 Bay sink east faucet	83.5
25	3/10/22	Kitchen 3 Bay sink west faucet	8.4
26	3/10/22	Training Room sink	12.8
27	3/10/22	Kitchen Hand wash station	5.0
28	3/10/22	Girls Team Locker Room sink	6.2
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:

The library south drinking fountain & Training room sink were disabled
All other locations were labeled do not drink,

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

complete additional testing to help determine the source(s) of lead & develop & implement a plan to reduce the lead to acceptable levels

These actions are expected to be completed on: 8/15/22 (Date)



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 Academy
33 Reed Drive
Lincoln, ME 04457

Date Printed: 04/21/2022
Work Order #: 2203-02147
Client Job #: 948
Date Received: 03/15/2022
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

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: 04/21/2022
CLIENT NAME: Mattanawcook Academy

CLIENT ADDRESS: 33 Reed Drive
Lincoln, ME 04457

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: 03/15/2022 01:20PM
ANALYSIS PACKAGE: Maine Schools-Lead
RECEIPT TEMPERATURE: 21° CELSIUS
CLIENT JOB #: 948

Sample ID #	Location	Sample Type	Outlet Type	Date - Time Water Sampled	Result	Test Units	Pass /Fail	DQ Flag	Analyst	Date - Time Analyzed
2203-02147-001	Lobby boys BR sink 1	I	OT	03/10/2022 04:00AM	2.8	ppb			DG-NH	04/20/2022 09:26PM
2203-02147-002	Lobby boys BR sink 2	I	OT	03/10/2022 04:00AM	2.5	ppb			DG-NH	04/20/2022 09:29PM
2203-02147-003	Lobby girls BR sink 1	I	OT	03/10/2022 04:00AM	<1	ppb			DG-NH	04/20/2022 09:33PM
2203-02147-004	Lobby girls BR sink 2	I	OT	03/10/2022 04:00AM	<1	ppb			DG-NH	04/20/2022 09:44PM
2203-02147-005	Adult ed room sink	I	OT	03/10/2022 04:00AM	27.2	ppb	✖		DG-NH	04/20/2022 09:47PM
2203-02147-006	Gym east drinking fountain	I	DWF	03/10/2022 04:00AM	1.3	ppb			DG-NH	04/20/2022 09:58PM
2203-02147-007	Gym west drinking fountain	I	DWF	03/10/2022 04:00AM	1.4	ppb			DG-NH	04/20/2022 10:02PM
2203-02147-008	Girls team locker room sink	I	OT	03/10/2022 04:00AM	6.2	ppb	⚠		DG-NH	04/20/2022 10:05PM
2203-02147-009	Girls PE locker room sink	I	OT	03/10/2022 04:00AM	6.2	ppb	⚠		DG-NH	04/20/2022 10:09PM
2203-02147-010	Boys PE locker room sink	I	OT	03/10/2022 04:00AM	3.7	ppb			DG-NH	04/20/2022 10:13PM
2203-02147-011	Mens PE office sink	I	OT	03/10/2022 04:00AM	13.7	ppb	⚠		DG-NH	04/20/2022 10:16PM
2203-02147-012	Boys team locker room sink	I	OT	03/10/2022 04:00AM	3.9	ppb			DG-NH	04/20/2022 10:20PM
2203-02147-013	Training room sink	I	OT	03/10/2022 04:00AM	128	ppb	✖		DR-NH	04/15/2022 09:27PM
2203-02147-014	Training room ice machine	I	OT	03/10/2022 04:00AM	<1	ppb			DR-NH	04/15/2022 09:30PM
2203-02147-015	Kitchen bathroom sink	I	OT	03/10/2022 04:00AM	53.0	ppb	✖		DG-NH	04/20/2022 10:23PM
2203-02147-016	Kitchen prep area sink	I	KF	03/10/2022 04:00AM	4.1	ppb	⚠		DR-NH	04/20/2022 07:38PM
2203-02147-017	Kitchen 3 bay sink east faucet	I	KF	03/10/2022 04:00AM	83.5	ppb	✖		DR-NH	04/20/2022 07:41PM
2203-02147-018	Kitchen 3 bay sink west faucet	I	KF	03/10/2022 04:00AM	8.4	ppb	⚠		DR-NH	04/20/2022 07:44PM
2203-02147-019	Kitchen hand wash sink	I	KF	03/10/2022 04:00AM	5.0	ppb	⚠		DR-NH	04/20/2022 07:55PM
2203-02147-020	Cafeteria drinking fountain	I	DWF	03/10/2022 04:00AM	1.0	ppb			DR-NH	04/20/2022 07:58PM
2203-02147-021	Cafeteria concession sink	I	OT	03/10/2022 04:00AM	2.5	ppb			DR-NH	04/20/2022 08:07PM
2203-02147-022	Lobby north drinking fountain	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 08:10PM
2203-02147-023	Lobby north drinking fountain bottle filler	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 08:13PM

Rebecca L. Labranche
Laboratory Director



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DATE PRINTED: 04/21/2022
CLIENT NAME: Mattanawcook Academy

CLIENT ADDRESS: 33 Reed Drive
Lincoln, ME 04457

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: 03/15/2022 01:20PM
ANALYSIS PACKAGE: Maine Schools-Lead
RECEIPT TEMPERATURE: 21° CELSIUS
CLIENT JOB #: 948

Sample ID #	Location	Sample Type	Outlet Type	Date - Time Water Sampled	Result	Test Units	Pass /Fail	DQ Flag	Analyst	Date - Time Analyzed
2203-02147-024	Lobby south drinking fountain	I	DWF	03/10/2022 04:00AM	3.0	ppb			DR-NH	04/20/2022 08:16PM
2203-02147-025	Main office womens BR sink	I	OT	03/10/2022 04:00AM	5.4	ppb	⚠		DR-NH	04/20/2022 08:19PM
2203-02147-026	Main office mens BR sink	I	OT	03/10/2022 04:00AM	3.7	ppb			DR-NH	04/20/2022 08:22PM
2203-02147-027	Wood shop sink	I	OT	03/10/2022 04:00AM	5.7	ppb	⚠		DR-NH	04/20/2022 08:31PM
2203-02147-028	Room 15 sink	I	OT	03/10/2022 04:00AM	1.4	ppb			DR-NH	04/20/2022 08:34PM
2203-02147-029	Room 3A sink	I	OT	03/10/2022 04:00AM	2.9	ppb			DR-NH	04/20/2022 08:37PM
2203-02147-030	IA wing boys BR sink	I	OT	03/10/2022 04:00AM	2.1	ppb			DR-NH	04/20/2022 08:39PM
2203-02147-031	IA wing girls BR sink	I	OT	03/10/2022 04:00AM	2.5	ppb			DR-NH	04/20/2022 08:48PM
2203-02147-032	LMS kitchen east sink	I	KF	03/10/2022 04:00AM	2.2	ppb			DR-NH	04/20/2022 08:51PM
2203-02147-033	LMS kitchen middle sink	I	KF	03/10/2022 04:00AM	2.6	ppb			DR-NH	04/20/2022 08:54PM
2203-02147-034	LMS kitchen west sink	I	KF	03/10/2022 04:00AM	4.5	ppb	⚠		DR-NH	04/20/2022 08:57PM
2203-02147-035	LMS sink by washer	I	KF	03/10/2022 04:00AM	14.7	ppb	⚠		DR-NH	04/20/2022 09:09PM
2203-02147-036	LMS kitchen island sink	I	KF	03/10/2022 04:00AM	2.4	ppb			DR-NH	04/20/2022 09:12PM
2203-02147-037	LMS classroom sink	I	OT	03/10/2022 04:00AM	27.3	ppb	⊗		DR-NH	04/20/2022 09:15PM
2203-02147-038	LMS bathroom sink	I	OT	03/10/2022 04:00AM	6.6	ppb	⚠		DR-NH	04/20/2022 09:18PM
2203-02147-039	1st floor library drinking ofountain north	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 09:21PM
2203-02147-040	Library north drinking fountain bottle filler	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 09:24PM
2203-02147-041	Library south drinking fountain	I	DWF	03/10/2022 04:00AM	6.0	ppb	⚠		DR-NH	04/20/2022 09:32PM
2203-02147-042	1st floor teachers room sink	I	OT	03/10/2022 04:00AM	4.3	ppb	⚠		DR-NH	04/20/2022 09:35PM
2203-02147-043	1st floor teachers room mens BR sink	I	OT	03/10/2022 04:00AM	2.1	ppb			DR-NH	04/20/2022 09:44PM
2203-02147-044	1st floor teachers room womens BR sink	I	OT	03/10/2022 04:00AM	3.9	ppb			DR-NH	04/20/2022 09:47PM

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Lead Above 15 ppb	

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CLIENT JOB #: 948

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2203-02147-045	Library office sink	I	OT	03/10/2022 04:00AM	13.8	ppb			DR-NH	04/20/2022 09:50PM
2203-02147-046	100 wing south drinking fountain	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 09:53PM
2203-02147-047	100 wing south drinking fountain bottle filler	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 09:56PM
2203-02147-048	100 wing boys BR east sink	I	OT	03/10/2022 04:00AM	2.5	ppb			DR-NH	04/20/2022 09:59PM
2203-02147-049	100 wing girls BR east sink	I	OT	03/10/2022 04:00AM	3.8	ppb			DR-NH	04/20/2022 10:02PM
2203-02147-050	200 wing south drinking fountain	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 10:05PM
2203-02147-051	200 wing south drinking fountain bottle filler	I	DWF	03/10/2022 04:00AM	<1	ppb			DR-NH	04/20/2022 10:22PM
2203-02147-052	200 wing boys BR east sink	I	OT	03/10/2022 04:00AM	5.3	ppb			DR-NH	04/20/2022 10:25PM
2203-02147-053	200 wing girls BR east sink	I	OT	03/10/2022 04:00AM	7.7	ppb			DR-NH	04/20/2022 10:28PM
2203-02147-054	200 wing north faculty BR sink	I	OT	03/10/2022 04:00AM	6.5	ppb			DR-NH	04/20/2022 10:31PM
2203-02147-055	200 wing south faculty bathroom sink	I	OT	03/10/2022 04:00AM	3.6	ppb			DR-NH	04/20/2022 10:34PM
2203-02147-056	Room 206 sink	I	OT	03/10/2022 04:00AM	256	ppb			DR-NH	04/15/2022 09:33PM
2203-02147-057	Room 205 east sink	I	OT	03/10/2022 04:00AM	14.1	ppb			DR-NH	04/20/2022 10:37PM
2203-02147-058	Room 205 west sink	I	OT	03/10/2022 04:00AM	5.7	ppb			DR-NH	04/20/2022 10:40PM
2203-02147-059	Nurses room sink	I	OT	03/10/2022 04:00AM	11.9	ppb			DR-NH	04/20/2022 10:43PM
2203-02147-060	Nurses room in small room	I	OT	03/10/2022 04:00AM	22.9	ppb			DR-NH	04/20/2022 10:46PM
2203-02147-061	200 wing north drinking fountain	I	DWF	03/10/2022 04:00AM	1.0	ppb			DR-NH	04/20/2022 10:49PM
2203-02147-062	200 wing north DWF bottle fill	I	DWF	03/10/2022 04:00AM	1.1	ppb			DR-NH	04/20/2022 11:03PM
2203-02147-063	200 wing north DWF right side	I	DWF	03/10/2022 04:00AM	2.8	ppb			DR-NH	04/20/2022 11:06PM

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Legend	
Lead Above 4 ppb	
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CLIENT JOB #: 948

Sample ID #	Location	Sample Type	Outlet Type	Date - Time Water Sampled	Result	Test Units	Pass /Fail	DQ Flag	Analyst	Date - Time Analyzed
2203-02147-064	MISSING Womens PE office sink 1	I	OT	03/10/2022 04:00AM	168	ppb			DR-NH	04/15/2022 09:36PM

Rebecca L. Labranche
Laboratory Director