

NOTICE OF TAP WATER RESULTS
LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM

PWS Name: Ashby Elementary School
PWS ID: 2012002

Date: 10/6/2025

Dear Consumer,

As you may know, Ashby Elementary School is also a public water system (PWS) responsible for providing drinking water that meets state and federal standards. This notice reports the lead and copper results from the samples collected at this facility on 9/11/2025.

A total of 10 samples were taken and compliance is based on the 90th percentile for all these samples. See the attached analytical report for the lead and copper results for each location that was sampled. The 90th percentile lead and copper levels in your water system are as follows:

LEAD: 0.0017 milligrams per liter (mg/l). This result is above/ below the Lead Action Level of 0.015 mg/l.

COPPER: 0.0733 milligrams per liter (mg/l). This result is above/ below the Copper Action Level of 1.3 mg/l.

What Does This Mean?

The United States Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (MassDEP) set the **Lead Action Level¹ for lead in drinking water at 0.015 ppm (or milligrams per liter (mg/l)) and the Copper Action Level at 1.3 ppm (or milligrams per liter (mg/l))**. Because lead may pose serious health risks, the EPA and MassDEP also set a **Maximum Contaminant Level Goal (MCLG)² for lead of zero. The MCLG for copper is 1.3 mg/l.**

There is no safe level of lead in drinking water. Exposure to lead in drinking water can cause serious health effects in all age groups, especially pregnant people, infants (both formula-fed and breastfed), and young children. Some of the health effects to infants and children include decreases in IQ and attention span. Lead exposure can also result in new or worsened learning and behavior problems. The children of persons who are exposed to lead before or during pregnancy may be at increased risk of these harmful health effects. Adults have increased risks of heart disease, high blood pressure, kidney or nervous system problems. Contact your health care provider for more information about your risks. More information on lead in drinking water and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.

We recommend the following tips to keep any potential lead and copper out of the water you drink:

- Most importantly – Flushing your water is the simplest way to reduce exposure to lead. When your water has been sitting for several hours, flush the tap until the water feels cold before use.
- Use only cold, fresh water for drinking, cooking, and preparing baby formula. Run the water for at least 1 minute or until after it turns cold.
- Do not boil the water to remove lead or copper.

For more information on lead in drinking water visit:

- <https://www.mass.gov/guides/is-there-lead-in-my-tap-water>
- <https://www.mass.gov/lead-in-drinking-water>

For more information on copper in drinking water visit:

- <https://www.mass.gov/service-details/copper-and-your-health>

MDPH Lead and Copper in Drinking Water FAQ and Quick Facts:

- <https://www.mass.gov/service-details/sources-of-lead-besides-lead-paint>
- [Lead in Drinking Water FAQ \(https://www.mass.gov/media/1571266/\)](https://www.mass.gov/media/1571266/)
- [Copper in Drinking Water FAQ \(https://www.mass.gov/service-details/copper-and-your-health\)](https://www.mass.gov/service-details/copper-and-your-health)

CDC: https://www.cdc.gov/lead-prevention/about/?CDC_AAref_Val=https://www.cdc.gov/nceh/lead/default.htm

USEPA: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

If you have any questions regarding lead or copper in drinking water or your lead or copper sampling results, please feel free to contact: **SWSS** at 978-486-1008.

Sincerely,

Ashby Elementary School

¹ The Action Level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

² The Maximum Contaminant Level Goal (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.



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

Small Water System Services
P.O. Box 2014
Littleton, MA 01460

Date Printed: 09/22/2025
Work Order #: 2509-03555
Client Job #: Ashby Elementary School
Date Received: 09/16/2025
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.
- ND: Non-detect. Results reported as Non-Detect (ND) have been evaluated down to the concentration listed in the MDL column.
- 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: None**

SAMPLE STATE SPECIFIC NOTES:

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.

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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A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC

31A Willow Road Ayer, Massachusetts 01432

Phone: 978-391-4428 | website: www.nashobaanalytical.com

DATE PRINTED: 09/22/2025

LEAD AND COPPER RESULTS

LAB ID#: M-NH003

SYSTEM NAME: Ashby Elementary School
 SYSTEM TOWN: Ashby
 SAMPLE CATEGORY: Routine Sample
 SAMPLING AGENT: Clark, Andrew

SAMPLE AGENT #:
 RECEIPT TEMP: ON ICE 1.0° CELSIUS

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

EPA ID#: 2012002
 WATER SYSTEM TYPE:
 TEST UNITS: mg/L ANALYST: JP-NH
 METHOD: Copper EPA 200.8 Lead EPA 200.8
 MCL: Copper 1.3 mg/L, Lead 0.015 mg/L
 MDL (RL): Copper 0.001 mg/L, Lead 0.001 mg/L
 DATE & TIME RECEIVED: 09/16/2025 03:07PM

SAMPLE LOCATION	DATE/TIME COLLECTED	LABORATORY SAMPLE ID#	CLIENT JOB #	LEAD *	Pass /Fail	DQ	DATE ANALYZED	COPPER *	Pass /Fail	DQ	DATE ANALYZED
LC001 50'S GIRLS BATHROOM	09/11/2025 12:25PM	2509-03555-001	Ashby Elementary School	0.0017	✓		09/17/25	0.0147	✓		09/17/25
LC002 50'S BOYS BATHROOM	09/11/2025 12:22PM	2509-03555-002		<0.001	✓		09/17/25	0.0406	✓		09/17/25
LC003 LOWER 90'S WING BOYS BATHROOM	09/11/2025 12:40PM	2509-03555-003		<0.001	✓		09/17/25	0.0132	✓		09/17/25
LC004 LOWER 90'S WING GIRLS BATHROOM	09/11/2025 12:44PM	2509-03555-004		<0.001	✓		09/19/25	0.0733	✓		09/19/25
LC005 ROOM 502 NURSE'S OFFICE	09/11/2025 12:29PM	2509-03555-005		<0.001	✓		09/17/25	0.0096	✓		09/17/25
LC006 ROOM 506 TEACHER'S LOUNGE	09/11/2025 12:38PM	2509-03555-006		0.0053	✓		09/17/25	0.0102	✓		09/17/25
LC007 ROOM 509 PARENT RESOURCE ROOM	09/11/2025 12:33PM	2509-03555-007		0.0014	✓		09/19/25	0.198	✓		09/19/25
LC008 CAFETERIA KITCHEN SINK	09/11/2025 12:11PM	2509-03555-008		<0.001	✓		09/17/25	0.0158	✓		09/17/25
LC009 CAFETERIA BOYS BATHROOM	09/11/2025 12:17PM	2509-03555-009		<0.001	✓		09/17/25	0.0107	✓		09/17/25
LC010 CAFETERIA GIRLS BATHROOM	09/11/2025 12:15PM	2509-03555-010		<0.001	✓		09/17/25	0.0633	✓		09/17/25

Erin Shaw

Erin Shaw
 Laboratory Director

SWSS CHAIN OF CUSTODY

Nashoba Analytical, LLC
 31A Willow Rd, Ayer, MA 01432
 Tel: 978-391-4428 Fax: 978-391-4643

2509-3555

Client/Site Name: Ashby Elementary
 Sampled by: Andrew Clark

PWS: 2012002
 Town: Ashby

DW Class: NTNC

Sample #	Date	Time	PWS Location ID	Bottle (#/Type)	Preservative	Site Description	Test Requirements				
							Cu	Pb			
1	9/11/25	12:25pm	LCR	1/P	2	50's Girls bathroom	x				
2		12:22pm	LCR			50's Boys bathroom	x				
3		12:40pm	LCR			Low 90's wing boys bathroom	x				
4		12:44pm	LCR			Lower 90's wing girls bathroom	x				
5		12:29pm	LCR			Room 502 nurse's office	x				
6		12:35pm	LCR			Room 909 teacher's lounge	x				
7		12:33pm	LCR			Room 506 parent resource room	x				
8		12:11pm	LCR			Cafeteria kitchen sink	x				
9		12:17pm	LCR			Cafeteria boys bathroom	x				
10		12:15pm	LCR			Cafeteria girls bathroom	x				

Nashoba Ashby local
 descriptions per form @
 SWSS/MAB

MAB

Bottles: P=Plastic, G=Glass, V=Vials, S=Sterile

Preservative: 1-Hydrochloric Acid (HCL), 2-Ice, 3-Nitric Acid, 4-None, 5-Sodium Hydroxide, 6-Sulfuric Acid, 7-Thiosulfate, 8-Filter Sterilized, 9-Ammonium Chloride

Special Notes/Requirements

Relinquished by:

Date

Time Received by:

	1. <u>Andrew Clark</u>	9/16/25	1507
	2.		
	3.		

1.0°C