

## NOTICE OF TAP WATER RESULTS LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM

PWS Name: Carver Middle High School  
PWS ID: 4052064  
Date: 10/7/2024

Dear Consumer:

As you may know, Carver Middle High 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 9/25/2024:

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

**LEAD: 0.001 parts per million (ppm).** This result is  above/  below the Lead Action Level of 0.015 mg/l.

**COPPER: 0.297 parts per million (ppm).** 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 Level<sup>1</sup> 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)<sup>2</sup> for lead of zero. The MCLG for copper is 1.3 mg/l.**

**If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children.** Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our public water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. 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: <http://www.epa.gov/safewater/lead>.

### 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 \(https://www.mass.gov/media/1571251/\)](https://www.mass.gov/media/1571251/)

CDC: <http://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: Kelly Boudreau with SWSS at 978-486-1008.

Sincerely,

**Carver Middle High School**

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

<sup>2</sup> 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:** 10/03/2024  
**Work Order #:** 2409-06312  
**Client Job #:** Carver Middle  
High School  
**Date Received:** 09/27/2024  
**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.
- 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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31A Willow Road Ayer, Massachusetts 01432

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

DATE PRINTED: 10/03/2024

## LEAD AND COPPER RESULTS

LAB ID#: M-NH003

SYSTEM NAME: Carver High School and Middle School  
 SYSTEM TOWN: CARVER  
 SAMPLE CATEGORY: Routine Sample  
 SAMPLING AGENT: PWS Staff

SAMPLE AGENT #: ON ICE 5.9° CELSIUS  
 RECEIPT TEMP:

EPA ID#: 4052064  
 WATER SYSTEM TYPE: mg/L  
 TEST UNITS: ANALYST: NIM-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: 09/27/2024 01:28PM

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

SAMPLE LOCATION	DATE/TIME COLLECTED	LABORATORY SAMPLE ID#	CLIENT JOB #	LEAD *	Pass /Fail	DQ	DATE ANALYZED	COPPER *	Pass /Fail	DQ	DATE ANALYZED
LC011 CAFE	09/25/2024 05:58AM	2409-06312-001	Carver Middle High School	<0.001	✓		09/30/24	0.0178	✓		09/30/24
LC012 NURSE'S OFFICE SINK	09/25/2024 06:25AM	2409-06312-002		<0.001	✓		09/30/24	0.297	✓		09/30/24
LC013 MUSIC CORRIDOR BUBBLER	09/25/2024 06:02AM	2409-06312-003		<0.001	✓		09/30/24	0.0120	✓		09/30/24
LC014 GYM LOBBY BUBBLER	09/25/2024 06:18AM	2409-06312-004		<0.001	✓		09/30/24	0.0406	✓		09/30/24
LC015 TEACHERS ROOM SINK	09/25/2024 06:08AM	2409-06312-005		<0.001	✓		09/30/24	0.243	✓		09/30/24
LC016 KITCHEN SINK	09/25/2024 05:55AM	2409-06312-006		<0.001	✓		09/30/24	0.282	✓		09/30/24
LC017 2ND FLOOR STAFF SINK	09/25/2024 06:30AM	2409-06312-007		<0.001	✓		09/30/24	0.178	✓		09/30/24
LC018 LAB WORK SINK	09/25/2024 06:35AM	2409-06312-008		0.0026	✓		10/02/24	0.151	✓		10/02/24
LC019 BOY'S LOCKER ROOM SINK	09/25/2024 06:21AM	2409-06312-009		0.0012	✓		09/30/24	0.210	✓		09/30/24
LC002 LIBRARY SINK	09/25/2024 06:14AM	2409-06312-010		0.0010	✓		09/30/24	0.342	✓		09/30/24

*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

2409-06312

Client/Site Name: Carver Middle High School PWS: 4052064 DW Class: NTNC  
 Sampled by: PWS Staff Town: Carver

Sample #	Date	Time	PWS Location ID	Bottle (#/Type)	Preservative	Site Description	Test Requirements
1	9/25/21	5:58	LCR	1/P	2	Café	Cup
2		6:25	LCR			Nurse's Office Sink	x
3		6:22	LCR			Music Corridor Bubblers	x
4		6:18	LCR			Gym Lobby Bubblers	x
5		6:08	LCR			Teachers Room Sink	x
6		5:55	LCR			Kitchen Sink	x
7		6:30	LCR			2nd Floor Staff Sink	x
8		6:35	LCR			Lab Work Sink	x
9		6:21	LCR			Boy's Locker Room Sink	x
10		6:14	LCR			Library Sink	x

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

5.9° ice

Special Notes/Requirements	Relinquished by:	Date	Time	Received by:
	1. Andrew Clark	9/27/21	1328	
	2.			
	3.			