

NOTICE OF TAP WATER RESULTS LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM

PWS Name: Carlisle Public School
PWS ID: 3051004

Date: 6/14/2023

Dear Consumer:

As you may know, Carlisle Public 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 5/18/2023.

☒ A total of 10 samples were taken, and compliance is based on the 90th percentile for all of 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: 0.001 parts per million (ppm). This result is ☐ above/ ☒ below the Lead Action Level of 0.015 mg/l.

COPPER: 0.061 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 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.**

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>.

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

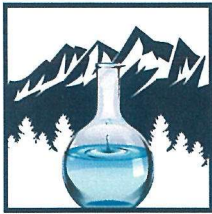
If you have any questions regarding lead or copper in drinking water or your lead or copper sampling results, please feel free to contact Kelly Boudreau with SWSS at 978-486-1008 or boudreau@swss.biz.

Sincerely,

Carlisle Public 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: 06/13/2023
Work Order #: 2306-01156
Client Job #: Carlisle Public School

Date Received: 06/06/2023
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
Deputy 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:

06/13/2023

SYSTEM NAME: Carlisle Public School
SYSTEM TOWN: Carlisle
SAMPLE CATEGORY: Routine Sample
SAMPLING AGENT: Brackett, George
SAMPLE AGENT #: 978-486-1008
RECEIPT TEMP: ON ICE 1.1° CELSIUS

LEAD AND COPPER RESULTS

LAB ID#: M-NH003

EPA ID#: 3051004
WATER SYSTEM TYPE: mg/L
TEST UNITS: ANALYST: SM-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: 06/06/2023 02:46PM

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
LC001 BRICK BLD. B105 - BATHROOM SINK	06/06/2023 07:14AM	2306-01156-001	Carlisle Public School	<0.001	✓		06/12/23	0.0427	✓		06/12/23
LC002 BRICK BLD. - B104 - SINK	06/06/2023 07:16AM	2306-01156-002		<0.001	✓		06/12/23	0.0371	✓		06/12/23
LC003 SPALDING BLD. - S120 - CLASSROOM SINK	06/06/2023 07:32AM	2306-01156-003		<0.001	✓		06/12/23	0.0488	✓		06/12/23
LC004 ROBBINS BLD. R232 - CLASSROOM SINK	06/06/2023 07:24AM	2306-01156-004		0.0033	✓		06/12/23	0.0429	✓		06/12/23
COREY BLDG C128 - KITCHEN SINK	06/06/2023 07:35AM	2306-01156-005		0.0011	✓		06/12/23	0.0435	✓		06/12/23
LC009 WILKINS BASEMT. - W003 - TEST TAP #1-POE	06/06/2023 07:38AM	2306-01156-006		<0.001	✓		06/12/23	0.0164	✓		06/12/23
LC010 WILKINS BLD. CORRIDOR - W112 - FOUNTAIN	06/06/2023 07:29AM	2306-01156-007		<0.001	✓		06/12/23	0.0379	✓		06/12/23
LC012 ROBBINS BLD.-R107-CORR. FOUNTAIN	06/06/2023 07:21AM	2306-01156-008		<0.001	✓		06/12/23	0.0609	✓		06/12/23
LC013 ROBBINS BLD. -R116B- BATHROOM SINK	06/06/2023 07:18AM	2306-01156-009		<0.001	✓		06/12/23	0.0674	✓		06/12/23
LC014 ROBBINS BLD.-R135- CLASSROOM SINK	06/06/2023 07:27AM	2306-01156-010		<0.001	✓		06/12/23	0.0318	✓		06/12/23

Erin Shaw

Erin Shaw
Deputy Laboratory Director