NOTICE OF TAP WATER RESULTS
LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM

PWS Name: Carlisle Public School
PWS ID: 3051004

Date: 9/16/2024

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 9/10/2024.

☒ 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: 0.107 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[1] 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/)
- Copper in Drinking Water FAQ (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 or boudreau@swss.biz.

Sincerely,

Carlisle Public School

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[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:	**09/12/2024**
Work Order #:	**2409-01884**
Client Job #:	
Date Received:	**09/10/2024**
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
Erin Shaw
Laboratory Director

NASHOBA ANALYTICAL
A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC
31A Willow Road Ayer, Massachusetts 01432
Phone: 978-391-4428 | website: www.nashobaanalytical.com

DATE PRINTED: 09/12/2024

LEAD AND COPPER RESULTS

LAB ID#: M-NH003

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 13.5° CELSIUS

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

EPA ID#: 3051004
WATER SYSTEM TYPE:
TEST UNITS: mg/L **ANALYST:** NM-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: 09/10/2024 11:53AM

SAMPLE LOCATION	DATE/TIME COLLECTED	LABORATORY SAMPLE ID#	CLIENT JOB #	LEAD *	Pass /Fail	DQ	DATE ANALYZED	COPPER *	Pass /Fail	DQ	DATE ANALYZED
LC001 BRICK BLDG. B105 - BATHROOM SINK	09/10/2024 07:17AM	2409-01884-001		<0.001	✓		09/11/24	0.0733	✓		09/11/24
LC002 BRICK BLDG. - B104 - SINK	09/10/2024 07:16AM	2409-01884-002		0.0014	✓		09/11/24	0.0679	✓		09/11/24
LC003 SPALDING BLDG. - S120 - CLASSROOM SINK	09/10/2024 07:40AM	2409-01884-003		<0.001	✓		09/11/24	0.0754	✓		09/11/24
LC004 ROBBINS BLDG. R232 - CLASSROOM SINK	09/10/2024 07:29AM	2409-01884-004		0.0091	✓		09/11/24	0.107	✓		09/11/24
LC017 COREY BLDG C128 KITCHEN SINK	09/10/2024 07:45AM	2409-01884-005		<0.001	✓		09/11/24	0.0573	✓		09/11/24
LC009 WILKINS BASEMT. - W003 - TEST TAP #1-POE	09/10/2024 08:07AM	2409-01884-006		<0.001	✓		09/11/24	0.0247	✓		09/11/24
LC010 WILKINS BLDG. CORRIDOR - W112 - FOUNTAIN	09/10/2024 07:36AM	2409-01884-007		<0.001	✓		09/11/24	0.0491	✓		09/11/24
LC012 ROBBINS BLDG.-R107-CORR. FOUNTAIN	09/10/2024 07:21AM	2409-01884-008		<0.001	✓		09/11/24	0.0202	✓		09/11/24
LC013 ROBBINS BLDG. -R116B- BATHROOM SINK	09/10/2024 07:24AM	2409-01884-009		<0.001	✓		09/11/24	0.124	✓		09/11/24
LC014 ROBBINS BLDG.-R135- CLASSROOM SINK	09/10/2024 07:26AM	2409-01884-010		0.0014	✓		09/11/24	0.0497	✓		09/11/24

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

2409-01884

Client/Site Name: Carlisle Public School **PWS:** 3051004 **DW Class:** NTNC
Sampled by: George Brackett **Town:** Carlisle

Sample #	Date	Time	PWS Location ID	Chlorine Residual	Bottle (#/Type)	Preservative	Site Description	Test Requirements: CuPb						
1	9-10-24	7:17AM	LCR		1/P	4	Brick Bldg B105 - bathroom sink	x						LC001
2	"	7:16AM	LCR		"	"	Brick Bldg B104 - sink	x						LC002
3	"	7:40AM	LCR		"	"	Spaulding Bldg S120 - classroom sink	x						LC003
4	"	7:29AM	LCR		"	"	Robbins Bldg - R232 - classroom sink	x						LC004
5	"	7:45AM	LCR		"	"	Corey Bldg C128 - kitchen sink	x						LC017
6	"	8:07AM	LCR		"	"	Wilkins Basement W003 - test tap #1 POE	x						LC009
7	"	7:36AM	LCR		"	"	Wilkins Bldg W112 fountain corridor	x						LC010
8	"	7:21AM	LCR		"	"	Robbins Bldg R107 corridor fountain	x						LC012
9	"	7:24AM	LCR		"	"	Robbins Bldg R116B bathroom sink	x						LC013
10	"	7:26AM	LCR		"	"	Robbins Bldg R135 classroom sink	x						LC014

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. George Brackett	9/10/24		M. Bran. 9/10/24
	2.			
	3.			

3.5°C
ice
11:53Am.