

NOTICE OF TAP WATER RESULTS
LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM

PWS Name: Carver Elementary School
PWS ID: 4052007

Dear Consumer:

Date: 9/17/2021.

As you may know, Carver 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 9/8/2021.

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: ND (non-detect) milligrams per liter (mg/l). This result is above/ below the Lead Action Level of 0.015 mg/l.

COPPER: 0.202 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 mg/l (or parts per million) and the Copper Action Level at 1.3 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.
- Never use hot water from the faucet for drinking or cooking especially when making baby formula.
- Never boil water to remove lead or copper. Boiling water for an extended time may make the lead or copper more concentrated.

For more information on lead in drinking water visit:

- <https://www.mass.gov/service-details/overview-of-lead-in-massachusetts-drinking-water>
- <https://www.mass.gov/lists/lead-in-drinking-water>

For more information on copper in drinking water visit:

- <https://www.mass.gov/service-details/copper-and-your-health>
- <https://safewater.zendesk.com/hc/en-us/sections/202346427>

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: *Small Water System Services* at 978-486-1008.

Sincerely,

Carver 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.



Lead and Copper Analysis Report doc rev 12/2020

PWS INFORMATION: Please refer to your MassDEP Lead & Copper Sampling plan for approved sampling locations.

PWS ID #: 4052007 City / Town: CARVER
PWS Name: CARVER ELEMENTARY SCHOOL PWS Class: COM [] NTNC [x] TNC []

Routine or Special Samples: [x] RS [] SS
Original, Resubmitted or Confirmation Report: [x] Original [] Resubmitted [] Confirmation
If Resubmitted Report, list below: (1) Reason for Resubmission [] Resample [] Reanalysis [] Report Correction (2) Collection Date of Original Sample

ANALYTICAL LABORATORY INFORMATION: Attach copy of subcontracted lab analysis reports (as applicable)

Primary Lab MA Cert. #: M-MA1118 Primary Lab Name: Nashoba Analytical, LLC Subcontracted? (Y/N) N

Table with 7 columns: Analyte, Action Level (mg/L), Lab Method, MDL (mg/L), MRL (mg/L), Analysis Lab MA Cert.#, Analysis Lab Name. Rows for Lead and Copper.

LAB ANALYSIS COMMENTS Result Qualifier Result Qualifier Description

Main data table with columns: #, MassDEP Approved LCR Plan Sample Location, Collection Date, Dilution Factor, LEAD (Date Analyzed, Result (mg/L)), COPPER (Date Analyzed, Result (mg/L)), Result Qualifier, Primary Lab Sample ID# & Analysis Lab Sample ID#.

Report SCHOOL RESULTS (250 mL) collected under (LCCA) in accordance with 310 CMR 22.06B(7)(a)9 below. Do not use these school results in 90th percentile calculations. Table with 4 columns.

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge. Primary Lab Director Signature: [Signature] Date: 9-16-21

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

COM & NTNC public water suppliers must submit forms LCR-D or LCR-E with this form to the appropriate MassDEP Regional Office.

MassDEP REVIEW STATUS (Initial & Date) [] Accepted [] Disapproved Review Comments



Lead and Copper - 90th PERCENTILE COMPLIANCE Report

(For Systems Required to Collect More Than 5 Samples)

I. PWS INFORMATION: Please refer to your DEP Lead & Copper sampling plan for approved sampling locations.

PWS ID #:	4052007	City / Town:	Carver
PWS Name:	Carver Elementary School	PWS Class:	COM <input type="checkbox"/> NTNC <input checked="" type="checkbox"/>
Sampling Frequency: (choose one)	<input type="checkbox"/> FIRST SEMI-ANNUAL SAMPLING PERIOD	<input type="checkbox"/> REDUCED - EVERY THREE YEARS	
	<input type="checkbox"/> SECOND SEMI-ANNUAL SAMPLING PERIOD	<input type="checkbox"/> LEAD SERVICE LINE (LSL) REPLACEMENT PROGRAM	
	<input checked="" type="checkbox"/> REDUCED - ANNUAL	<input type="checkbox"/> DEMONSTRATION	

Step 1: Place lead results in ascending order (from lowest to highest value) with lowest value at # 1, in the table below. Repeat for copper results. Please report results that are ND or less than (<) the laboratory's reported detection limit (MDL) as zero. Results at or above the laboratory's detection limit (MDL) but below 0.005 mg/L for lead or 0.05 mg/L for copper shall be reported as measured or may be reported as 0.0025 mg/L for lead or 0.025 mg/L for copper.

Step 2: Multiply the total number of samples collected by 0.9 (this is your 90th percentile sample number). Round to the nearest whole number, if necessary.

Step 3: Compare the sample result at the 90th percentile sample number against the corresponding action level. If the 90th percentile value is higher than the action level, then you have an exceedance and are required to contact MassDEP as soon as possible for information on compliance actions.

Note: Do not include school results on this form unless the PWS is a school. Remember, within 30 days of receipt, you must send individual results to the persons served at each sampled location as per 310 CMR 22.06B(6)(c)¹.

LEAD RESULTS (mg/L)								COPPER RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results	#	Results	#	Results	#	Results	#	Results
1*	ND	16		31		46		1*	0.057	16		31		46	
2	ND	17		32		47		2	0.073	17		32		47	
3	ND	18		33		48		3	0.098	18		33		48	
4	ND	19		34		49		4	0.109	19		34		49	
5	ND	20		35		50		5	0.112	20		35		50	
6	ND	21		36		51		6	0.126	21		36		51	
7	ND	22		37		52		7	0.137	22		37		52	
8	ND	23		38		53		8	0.181	23		38		53	
9	ND	24		39		54		9	0.202	24		39		54	
10	ND	25		40		55		10	0.241	25		40		55	
11		26		41		56		11		26		41		56	
12		27		42		57		12		27		42		57	
13		28		43		58		13		28		43		58	
14		29		44		59		14		29		44		59	
15		30		45		60		15		30		45		60	

*Lowest Value

My system was required to collect: 10 lead and copper samples. My system collected: 10 lead and copper samples.

Total # of samples collected: 10 x 0.9 = 9 This number is my system's 90th percentile sample #.

Circle the 90th percentile sample # for both lead and copper in the table above, and enter the results in the appropriate spaces below.

<u>ND</u> (Lead result at 90 th percentile sample#)	Compared to <u>0.015 mg/L</u> (The lead action level)	<u>0.202</u> (Copper result at 90 th percentile sample#)	Compared to <u>1.3 mg/L</u> (The copper action level)
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II. CERTIFICATION:

Check and complete the correct statement for lead as determined by the above results. If you have an exceedance and you are a community system you must comply with the Consumer Confidence Rule (CCR) reporting requirements in accordance with 310 CMR 22.16A(4)(i)6.

- My system was at or below the lead action level.
- My system exceeded the lead action level and _____ sampling sites exceeded the lead action level.
(Insert # of samples)

Check and complete the correct statement for copper as determined from the above results. If you have an exceedance and you are a community system you must comply with the Consumer Confidence Rule (CCR) reporting requirements in accordance with 310 CMR 22.16A(4)(i)6.

- My system was at or below the copper action level.
- My system exceeded the copper action level and _____ sampling sites exceeded the copper action level.
(Insert # of samples)

My signature below indicates that all sampling sites on this report have been previously approved in writing by the DEP, and both the sites and sampling procedures used comply with 310 CMR 22.06B(7). I certify under penalty of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best of my knowledge and belief.

Compliance Manager
Title

Signature of PWS or Owner's Representative

9/17/2021
Date

¹ The Consumer notification form template is available at: [https://www.mass.gov/lists/lead-and-copper-forms-and-templates#lead-and-copper-rule-\(lcr\)-](https://www.mass.gov/lists/lead-and-copper-forms-and-templates#lead-and-copper-rule-(lcr)-)