

Board of Health

From: Town Admin <townadmin@millvillema.org> on behalf of Town Admin
Sent: Tuesday, January 23, 2024 9:50 AM
To: jdefalco@bmrds.net; smoniz@bmrds.net; tlacroix@bmrds.net; shebert@bmrds.net; jwolford@bmrds.net; dsaltzman@bmrds.net; nstevens@bmrds.net; skonklin@bmrds.net; dcarrier@bmrds.net; ldamon@bmrds.net; dallard@bmrds.net; msimard@bmrds.net; jpilla-gallerani@bmrds.net; jhernandez@bmrds.net; sdesilets@bmrds.net; mcolannino@bmrds.net; sgrace@bmrds.net; ctoomey@bmrds.net; lrobinson@bmrds.net; dfeliciano@bmrds.net; eguido@bmrds.net; lboisvert@bmrds.net; kboisvert@bmrds.net; asullivan@bmrds.net; klangone@bmrds.net; mwalker@bmrds.net; jleballister-dudka@bmrds.net; lgrube@bmrds.net; ecote@bmrds.net; jparadis@bmrds.net; mhauer@bmrds.net; pbacon@bmrds.net; jcahill@bmrds.net; disenberg@bmrds.net; tlabonte@bmrds.net; rharpin@bmrds.net
Cc: Board of Health; wcs.llc@comcast.net
Subject: MES Water Notice Required by MassDEP: July- December 2023 Lead and Copper Test Results
Attachments: Millville Lead and Copper Notice July - Dec 2023.pdf

Good Morning,

Attached please find a notice required by MassDEP to be sent to all users of the public water supply at Millville Elementary School (MES). Your email address was included in a list of all users provided by the Superintendent's office.

The attached notice refers to test results for Lead and Copper. The results show MES water continues to test below Maximum Contaminant Levels for Lead and Copper

Also please note, the water is regularly tested for a variety of other contaminants, none of which have exceeded MassDEP MCLs except for the chlorine byproducts resulting from system treatment of manganese and iron for which you have seen prior notices due to test result exceedances in prior months in 2023. Recent monthly testing of the these byproducts show MES water testing well below the MassDEP MCLs.

Regardless of these favorable test results, the Town continues to provide bottled water for any consumption or cooking as required by MassDEP.

The notice provides information should you have questions or wish to learn more.

For your convenience I also include a direct link here where you can find much information on MES water:
<https://www.millvillema.org/home/news/millville-elementary-school-water-information-0>

Best Regards,

Peter D. Caruso
Town Administrator
290 Main St.
Millville, MA 01529
508-883-1186

NOTICE OF TAP WATER RESULTS
LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM

PWS Name: Millville Elementary School
PWS ID: 2188004

Date: January 23, 2024

Dear Consumer:

As you may know, the Millville 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 December 22, 2023.

☒ A total of 10 samples were taken and the following table provides information on the tap location and the water sample result represented in parts per million (ppm):

Building Sampling Location	Lead (ppm)	This result is above the Lead Action Level	Copper (ppm)	This result is above the Copper Action Level
1. Faculty Restroom	ND	<input type="checkbox"/>	0.575	<input type="checkbox"/>
2. Room 312	ND	<input type="checkbox"/>	0.579	<input type="checkbox"/>
3. Room 308	ND	<input type="checkbox"/>	0.648	<input type="checkbox"/>
4. Room 326	ND	<input type="checkbox"/>	0.654	<input type="checkbox"/>
5. Room 302	0.001	<input type="checkbox"/>	0.662	<input type="checkbox"/>
6. Kitchen	0.001	<input type="checkbox"/>	0.612	<input type="checkbox"/>
7. Room 205	0.002	<input type="checkbox"/>	0.494	<input type="checkbox"/>
8. Room 322	0.003	<input type="checkbox"/>	0.465	<input type="checkbox"/>
9. Room 311	0.003	<input type="checkbox"/>	0.643	<input type="checkbox"/>
10. Room 340	0.004	<input type="checkbox"/>	0.589	<input type="checkbox"/>

ND = not detected (<0.001 ppm)

Compliance is based on the 90th percentile of these 10 samples. The 90th percentile lead and copper levels in your water system are as follows:

LEAD: 0.003 parts per million (ppm). This result is ☐ above/ ☒ below the Lead Action Level of 0.015 mg/l.
COPPER: 0.654 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>.

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.

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 Peter Caruso, Town Administrator at 508-883-1186 or townadmin@millvillema.org.

Sincerely,

Town of Millville