

Hardwick Elementary School

76 Schoolhouse Drive
Gilbertville Ma 01031

Template for results with no measurable Lead concentrations and Copper Results below
Action Levels

[10/1/2020]

To the Students, Families, and Staff of [Hardwick Elementary School]:

On [9/24/2020] samples were collected from all taps and fixtures used for drinking, cooking and medical uses at [Hardwick Elementary School]. Samples were taken at each tap or fixture for both a first draw sample with the water standing in the tap overnight as well as a flushed sample after the tap was run. For information on sample collection procedures for school samples please see:
<https://www.mass.gov/guides/sampling-for-lead-and-copper-at-schools-and-childcare-facilities>

We are pleased to report that all samples taken from our taps and fixtures contain no measurable lead concentrations and are below the Massachusetts Action Levels for copper in drinking water.

In accordance with the USEPA's Revised 3Ts Manual, MassDEP's LCCA program recommends that schools and early education and care programs evaluate and remediate all taps/fixtures used for drinking, food preparation or medical uses with lead results above the Massachusetts certified laboratory detection limit of 1ppb until the lowest possible concentration of lead is achieved. The Massachusetts Action Level for copper in drinking water is 1.3 milligrams per liter (also known as parts per million).

For MassDEP information on lead and copper in drinking water see:

Lead: <https://www.mass.gov/lead-in-drinking-water>

Copper: <https://www.mass.gov/doc/fact-sheet-copper-and-your-health>

For Massachusetts Department of Public Health information on Lead and Copper see:

<https://www.mass.gov/orgs/childhood-lead-poisoning-prevention-program>

A Reminder: The water system at the school is not unlike water systems found in other buildings. Older plumbing systems and fixtures, especially, can contain lead pipes or solder that can allow lead to enter tap water. Plumbing systems also contain copper. If you have questions about lead or copper in your home's water supply, and are using a private well, you can have your water tested. If you are receiving water from a public water system (i.e., if you pay a water bill) you can call your local water department for information or check the Consumer Confidence Report sent out by the public water supplier annually.

If you have any questions on this information please contact Claire Barnes at 978-355-6177

Sincerely,



Claire Barnes
Facilities Manager

NOTICE OF TAP WATER RESULTS
LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM

PWS Name: Hardwick Elementary School
PWS ID: 1124008

Date: 9/30/2020

Dear Consumer:

As you may know, Hardwick 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 9/24/2020.

A total of 5 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 milligrams per liter (mg/l). This result is below the Lead Action Level of 0.015 mg/l.
COPPER: 0.0131 milligrams per liter (mg/l). This result is 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>

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.

- <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: Claire Barnes at 978-355-6177

Sincerely,

Paul Varney Sr
Certified water operator

I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: 1124008

City / Town: Hardwick, MA

PWS Name: Hardwick Elementary School

PWS Class: COM NTNC TNC

Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted, list below	
		(1) Reason for Resubmission	(2) Collection Date of Original Sample
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction	

SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list the sources that were on-line during sample collection)

II. ANALYTICAL LABORATORY INFORMATION

Primary Lab MA Cert. #: M-CT008 Primary Lab Name: Microbac Laboratories, Inc. - Dayville Subcontract? (Y/N) N

Analyte	Action Level (mg/L)	Lab Method	MDL (mg/L)	Analysis Lab MA Cert#	Analysis Lab Name
Copper	1.30	EPA 200.8, Rv. 5.4 (1994)	0.0010	M-CT008	Microbac Laboratories, Inc. - Dayville
Lead	0.0150	EPA 200.8, Rv. 5.4 (1994)	0.0010	M-CT008	Microbac Laboratories, Inc. - Dayville

LAB SAMPLE NOTES

DEP Approved Sample Location (See DEP approved LCR plan for sampling locations)	Collection Date	LEAD		COPPER		Lab Sample ID#
		Result (mg/L)	Date Analyzed	Result (mg/L)	Date Analyzed	
Report SCHOOL RESULTS collected in accordance with 310 CMR 22.06b (7)(a)9 below. Do not use these school results in 90 . percentile calculations.						
01 Gym Bubblers	09/22/2020	<0.0010	09/25/2020	0.0102	09/25/2020	D012482-01
02 Kitchen Sink	09/22/2020	<0.0010	09/25/2020	0.0083	09/25/2020	D012482-02
03 Office Bubblers	09/22/2020	<0.0010	09/25/2020	0.0104	09/25/2020	D012482-03
04 Lounge Bubblers	09/22/2020	<0.0010	09/25/2020	0.0111	09/25/2020	D012482-04
05 Kinder Bubblers	09/22/2020	<0.0010	09/25/2020	0.0151	09/25/2020	D012482-05

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: 

Date: 9/28/2020

If not submitting results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

COM & NTNC Public Water Supplies must submit Forms LCR-D or LCR-E with this form to the appropriate DEP Regional Office.

DEP REVIEW STATUS (Initial & Date)	Review Comments	<input type="checkbox"/> WQTS Data Entered
<input type="checkbox"/> Accepted <input type="checkbox"/> Disapproved		