

**NOTICE OF SCHOOL TAP WATER RESULTS  
LEAD AND COPPER COMPLIANCE SAMPLING PROGRAM**

PWS Name: Heritage School  
PWS ID: 2054047  
Date: 10/13/2020

Dear Consumer:

As you may know, Heritage 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 9/17/2020 - 9/18/2020

A total of **10 samples** were taken and the following table provides information on the tap location and the water sample result represented in milligrams per liter (mg/l):

Building Sampling Location	Lead (mg/l)	This result is above the Lead Action Level	Copper (mg/l)	This result is above the Copper Action Level
1. Kitchen Tap	0.000	<input type="checkbox"/>	0.100	<input type="checkbox"/>
2. Boys Locker Room	0.001	<input type="checkbox"/>	0.069	<input type="checkbox"/>
3. 3rd Bubbler 2nd Floor East	0.003	<input type="checkbox"/>	0.253	<input type="checkbox"/>
4. Cafeteria 4th Bubbler	0.000	<input type="checkbox"/>	0.124	<input type="checkbox"/>
5. 5th Bubbler 2nd FL South	0.021	<input checked="" type="checkbox"/>	0.673	<input type="checkbox"/>
6. 6th Bubbler 1st FL East	0.003	<input type="checkbox"/>	0.927	<input type="checkbox"/>
7. Boy Room 1st FL South	0.000	<input type="checkbox"/>	0.041	<input type="checkbox"/>
8. Teachers Lounge Down	0.000	<input type="checkbox"/>	0.080	<input type="checkbox"/>
9. Teachers Lounge Up	0.000	<input type="checkbox"/>	0.121	<input type="checkbox"/>
10. Kitchen Tap	0.000	<input type="checkbox"/>	0.116	<input type="checkbox"/>

**What Does This Mean?**

The United States Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (MassDEP) set the **Lead Action Level<sup>1</sup> 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)<sup>2</sup> for lead of zero. The MCLG for copper is 1.3 mg/l.**

<sup>1</sup> The Action Level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

<sup>2</sup> 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.

**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:

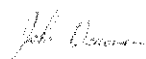
- <https://www.mass.gov/service-details/sources-of-lead-besides-lead-paint>
- [Lead in Drinking Water FAQ \(https://www.mass.gov/media/1571266/\)](https://www.mass.gov/media/1571266/)
- [Copper in Drinking Water FAQ \(https://www.mass.gov/media/1571251/\)](https://www.mass.gov/media/1571251/)

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: WhiteWater at 888-377-7678

Sincerely,



John Donovan  
Operator - Water



# Lead and Copper - 90<sup>th</sup> 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 #:	2054047	City / Town:	CHARLTON
PWS Name:	HERITAGE 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 checked="" type="checkbox"/> REDUCED - EVERY THREE YEARS	
	<input type="checkbox"/> SECOND SEMI-ANNUAL SAMPLING PERIOD	<input type="checkbox"/> LEAD SERVICE LINE (LSL) REPLACEMENT PROGRAM	
	<input 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 90<sup>th</sup> 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)<sup>1</sup>.

LEAD RESULTS (mg/L)								COPPER RESULTS (mg/L)							
#	Results	#	Results	#	Results	#	Results	#	Results	#	Results	#	Results	#	Results
1*	0	16		31		46		1*	0.041	16		31		46	
2	0	17		32		47		2	0.069	17		32		47	
3	0	18		33		48		3	0.080	18		33		48	
4	0	19		34		49		4	0.100	19		34		49	
5	0	20		35		50		5	0.116	20		35		50	
6	0	21		36		51		6	0.121	21		36		51	
7	0.001	22		37		52		7	0.124	22		37		52	
8	0.003	23		38		53		8	0.253	23		38		53	
9	0.003	24		39		54		9	0.673	24		39		54	
10	0.021	25		40		55		10	0.927	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 90<sup>th</sup> percentile sample #.  
 Circle the 90<sup>th</sup> percentile sample # for both lead and copper in the table above, and enter the results in the appropriate spaces below.

<u>0.003</u> (Lead result at 90 <sup>th</sup> percentile sample#)	Compared to <u>0.015 mg/L</u> (The lead action level)	<u>0.67</u> (Copper result at 90 <sup>th</sup> 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.

Operator- Water		10/8/2020
Title	Signature of PWS or Owner's Representative	Date

<sup>1</sup> 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)-) Page 7 of 19