

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

PWS Name: West Tisbury Elementary School  
PWS ID: 4296005

Date: 1/20/2023

Dear Consumer:

As you may know, West Tisbury 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 7/20/2022.

A total of 10 samples were taken and compliance is based on the 90<sup>th</sup> percentile for all of these samples. See the attached analytical report for the lead and copper results for each location that was sampled. The 90<sup>th</sup> percentile lead and copper levels in your water system are as follows:

**LEAD:** 0 milligrams per liter (mg/l). This result is  above/ below the Lead Action Level of 0.015 mg/l.

**COPPER:** .24 milligrams per liter (mg/l). This result is  above/ below the Copper Action Level of 1.3 mg/l.

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**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.

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.

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<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.

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

For Schools that are not a MassDEP registered public water system

**Please note:** the LCR program for public water systems is not the Lead Contamination Control Act (LCCA)<sup>1</sup> program for schools or Early Education and Care (EEC) childcare facility for evaluating lead and copper in drinking water. MassDEP encourage you to use these LCR results to enhance your LCCA program. For assistance with your LCCA program please see the MassDEP Drinking Water Program contact information listed in the Information section below.

School/Childcare Facility Name: West Tisbury Elementary School  
 Sampling Address: 401 Old County Rd, West Tisbury, MA 02575  
 Copy of analytical report attached:  Yes  No

Date: 1/20/23  
 Date Samples Collected: 7/20/22

Dear School Superintendent:

Thank you for your participation in the West Tisbury Elementary School and Massachusetts Department of Environmental Protection (MassDEP) Lead and Copper Rule (LCR) public water system sampling program.

The lead and copper levels in the water samples we collected at your school for the period specified above are:

| Location* | Result in milligrams per liter(mg/L) | Result is <u>Above</u> the LCR Lead or Copper Action Level | Result is <u>At or Below</u> the LCR Lead or Copper Action Level |
|-----------|--------------------------------------|--|--|
|           | LEAD: [REDACTED] mg/L                | <input type="checkbox"/>                                   | <input type="checkbox"/>   |
|           | COPPER: [REDACTED] mg/L              | <input type="checkbox"/>                                   | <input type="checkbox"/>   |
|           | LEAD: [REDACTED] mg/L                | <input type="checkbox"/>                                   | <input type="checkbox"/>   |
|           | COPPER: [REDACTED] mg/L              | <input type="checkbox"/>                                   | <input type="checkbox"/>   |

*\*The school should provide the PWS with sample location information using MassDEP recommended LCCA fixture location code (Org. Code - Location Code - Location Type - Location Name) e.g. 99999999-010-DW-Second Floor Bubbler near RM 210<sup>2</sup>. For more information see <https://www.mass.gov/guides/sampling-for-lead-and-copper-at-schools-and-childcare-facilities#-how-to-label-taps->*

**Exceeding a LCR Action Level is not a violation of the LCR but actions should be taken to address the elevated level. If your school copper results are above the Copper Action Level or your lead results are above the lowest possible lead concentration as recommended by the LCCA, follow the MassDEP guidance in the document titled "Follow-up Steps for Schools or Childcare Facilities Based on Lead and Copper Sampling Results" located at <https://www.mass.gov/guides/follow-up-steps-for-schools-and-eeef-with-lead-and-copper-sampling-results-above-the-action>. For assistance, contact the MassDEP Drinking Water Program at the email or phone number listed below.**

Use the USEPA guide listed below to establish routine practices to reduce exposure to elevated lead levels, including the following:

- Regularly flush all water outlets used for drinking, food preparation or medical uses, particularly after weekends and long vacations when water may have been stagnant for a long period of time.
- Never use hot water from the faucet for drinking or cooking. Never boil water to remove lead. Boiling water may concentrate lead.
- If Point of Use (POU) treatment devices are installed, make sure they are maintained. An example of a POU device is a filter on a faucet or within a drinking water fountain or water bottle filler.

<sup>1</sup> <https://www.epa.gov/sites/production/files/2015-09/documents/epalccapamphlet1989.pdf>

<sup>2</sup> For information on how to assign identification for a LCCA tap is located in the Set up an LCCA Program at your School at <https://www.mass.gov/assistance-program-for-lead-in-school-drinking-water>

- These routine practices may also be applicable for copper.

**Copper:** The LCR Action Level for Copper is 1.3 mg/l and the Maximum Contaminant Level Goal (MCLG)<sup>3</sup> is also 1.3 mg/l. When copper is present in water, it is typically due to the water flowing through service line or internal pipes or plumbing in buildings with copper and brass parts. *Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.*

**Lead:** The LCR Action Level for Lead is 0.015 mg/l and the MCLG is zero. When lead is present in water, it is typically due to the water flowing through service lines or internal pipes or plumbing in buildings with lead pipes or plumbing with lead solder or brass. *Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.* Because lead may pose serious health risks, both the EPA and the Centers for Disease Control and Prevention (CDC) agree that "there is no known safe level of lead in a child's blood"<sup>4</sup>, therefore MassDEP, and Massachusetts Department of Public Health (MDPH) recommend that water from taps/fixtures used for drinking, food preparation and medical uses in schools or EECF contain no measurable level of lead and that testing of school drinking water should be conducted by a Massachusetts certified laboratory capable of measuring concentrations of 1 ppb (ug/L) or lower.

For More Information:

MassDEP Lead and Copper in drinking water:

<https://www.mass.gov/service-details/is-there-lead-in-my-tap-water>

<https://www.mass.gov/service-details/copper-and-your-health>

<https://www.mass.gov/lists/contaminants#lead->

<https://www.mass.gov/files/documents/2017/12/11/pouompbcutips.pdf>

MassDEP Drinking Water Program Contact: [program-director-dwp@mass.gov](mailto:program-director-dwp@mass.gov) or 617-292-5770

MDPH Lead and Copper in Drinking Water FAQ and Quick Facts:

<https://www.mass.gov/service-details/sources-of-lead-besides-lead-paint>

<https://www.mass.gov/media/1571266/>

<https://www.mass.gov/media/1571251/>

CDC: <http://www.cdc.gov/nceh/lead/default.htm>

USEPA

Basic information about lead in drinking water: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

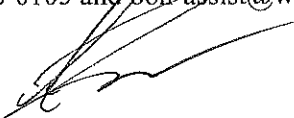
3Ts guide for reducing lead in drinking water in schools <https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-schools-and-child-care-facilities>

Guide to Establishing routine practices:

[https://www.epa.gov/sites/production/files/2018/09/documents/module\\_6\\_establishing\\_routine\\_practices\\_508.pdf](https://www.epa.gov/sites/production/files/2018/09/documents/module_6_establishing_routine_practices_508.pdf)

If you have any questions regarding lead or copper in drinking water or your sampling results, please contact Alex Lam at 508-696-0105 and [boh-assist@westtisbury-ma.gov](mailto:boh-assist@westtisbury-ma.gov)

Sincerely,



PWS Name: West Tisbury Elementary School

PWSID #: 4296005

cc: MassDEP Regional Office

<sup>3</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. The Action Level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

<sup>4</sup> <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>



# 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 #: **4296005** City / Town: **WEST TISBURY**  
 PWS Name: **West Tisbury School** PWS Class: COM  NTNC

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

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

Primary Lab MA Cert. #: **M-MA009** Primary Lab Name: **Barnstable County Health Lab** Subcontracted? (Y/N) **Y**

| Analyte | Action Level | Lab Method | MDL (mg/L) | MRL (mg/L) | Analysis Lab MA Cert.# | Analysis Lab Name |
|---------|--------------|------------|------------|------------|------------------------|-------------------|
| Lead:   | 0.015        | EPA 200.8  | 0.0010     | 0.0010     | M-MA030                | Alpha Analytical  |
| Copper: | 1.3          | EPA 200.8  | 0.0010     | 0.0010     | M-MA030                | Alpha Analytical  |

LAB ANALYSIS COMMENTS: \_\_\_\_\_ Result Qualifier: \_\_\_\_\_ Result Qualifier Description: \_\_\_\_\_

| #  | MassDEP Approved LCR Plan Sample Location | Collection Date | Dilution Factor | LEAD          |               | Result Qualifier | COPPER        |               | Result Qualifier | Primary Lab Sample ID# & Analysis Lab Sample ID# |
|----|---|-----------------|-----------------|---------------|---------------|------------------|---------------|---------------|------------------|--|
|    |   |                 |                 | Date Analyzed | Result (mg/L) |                  | Date Analyzed | Result (mg/L) |                  |  |
| 1  | W.Tisbury School Rm. 307                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.14          |                  | G22233231-05                                     |
| 2  | W.Tisbury School Rm. 310                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.13          |                  | G22233231-06                                     |
| 3  | W.Tisbury School Rm. 311                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.15          |                  | G22233231-07                                     |
| 4  | W.Tisbury School Rm. 312                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.17          |                  | G22233231-08                                     |
| 5  | W.Tisbury School Rm. 313                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.17          |                  | G22233231-09                                     |
| 6  | W.Tisbury School Rm. 314                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.20          |                  | G22233231-10                                     |
| 7  | W.Tisbury School Rm. 315                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.22          |                  | G22233231-11                                     |
| 8  | W.Tisbury School Rm. 316                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.28          |                  | G22233231-12                                     |
| 9  | W.Tisbury School Rm. 318                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.24          |                  | G22233231-13                                     |
| 10 | W.Tisbury School Rm. 319                  | 7/20/2022       | 1               | 7/25/2022     | ND            |                  | 7/25/2022     | 0.23          |                  | G22233231-14                                     |
| 11 |   |                 |                 |               |               |                  |               |               |                  |  |
| 12 |   |                 |                 |               |               |                  |               |               |                  |  |
| 13 |   |                 |                 |               |               |                  |               |               |                  |  |
| 14 |   |                 |                 |               |               |                  |               |               |                  |  |
| 15 |   |                 |                 |               |               |                  |               |               |                  |  |
| 16 |   |                 |                 |               |               |                  |               |               |                  |  |
| 17 |   |                 |                 |               |               |                  |               |               |                  |  |
| 18 |   |                 |                 |               |               |                  |               |               |                  |  |
| 19 |   |                 |                 |               |               |                  |               |               |                  |  |
| 20 |   |                 |                 |               |               |                  |               |               |                  |  |

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 90<sup>th</sup> percentile calculations.

|   |  |  |  |  |  |  |  |  |  |  |
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| 3 |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |

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: **07/20/22**

In accordance with 310 CMR 22.15(2), if mailing paper reports, 1/3 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)                                 | Review Comments |
| <input type="checkbox"/> Accepted <input type="checkbox"/> Disapproved |                 |