

**Consumer Notice of Drinking Water Lead and Copper Sampling (LCCN)**

Attention: Drinking Water Consumer

**CHARLTON HESTON ACADEMY – WSSN: 2009172**

The above-listed facility is classified as a public water system; therefore, we are responsible for providing you with drinking water that meets state and federal standards. The **attached Drinking Water Lead and Copper Sample Results Table** provides information on the location, date, and water sample result(s) of lead and copper testing at:

**CHARLTON HESTON ACADEMY**

**All lead and copper samples will be reviewed by your local health department to assess compliance with lead and copper regulations and determine the 90th percentile value.**

**What Does This Mean?**

Under the authority of the Safe Drinking Water Act, 1976 PA 399, as amended, the U.S. Environmental Protection Agency (U.S. EPA) set the action level for lead in drinking water at 0.015 milligrams per liter (mg/L) and copper at 1.30 mg/L. Beginning January 1, 2025, the action level for lead will be 0.012 mg/L. This means water supply systems must ensure that water from taps used for human consumption does not exceed this level in at least 90 percent of the sampling sites tested (90th percentile value). The action level is *the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water supply shall follow*. If water from the tap does exceed this limit, then the facility must take certain steps to correct the problem. Because lead may pose a serious health risk, the U.S. EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG for copper is 1.30 mg/L. The 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.

**What Are the Health Effects of Lead and Copper?**

Lead can cause serious health and development problems. It can cause damage to the brain and kidneys and interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

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.

Steps to reduce exposure to lead and copper in drinking water:

- 1) Establish a flushing program – run water for 1-2 minutes until it becomes as cold as it will get.
- 2) Use only cold water for drinking, cooking, and preparing baby formula.
- 3) Do not boil the water to remove lead and copper – boiling water will not reduce lead and copper levels.

Although the primary sources of lead exposure for most children are from deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 20 percent or more of human exposure to lead may come from drinking water. For information on reducing lead exposure and the health effects of lead, you may visit the U.S. EPA's Web site at <https://www.epa.gov/lead>, call the National Lead Information Center at 800-424-LEAD (5323), or contact your health care provider. For more information on copper, you may visit the U.S. Center for Disease Control's website at <https://www.atsdr.cdc.gov/index.html>, or contact your health provider. If you have further questions, please contact your water supply representative at:

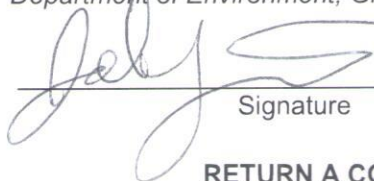
JOHN FRIEND

Printed Name

JOHN.FRIEND@BMAIL.COM

Telephone Number/Email

*I certify this public water supply has provided the Consumer Notice of Drinking Water Lead and Copper Sampling through public posting within 30 days of knowing the result(s). This notice includes required content, as approved by the Michigan Department of Environment, Great Lakes, and Energy (EGLE).*



Signature

OIC

Title

1-12-2023

Date of Public Posting

**RETURN A COPY OF THIS SIGNED NOTICE ONLY TO: [EGLE-EH@MICHIGAN.GOV](mailto:EGLE-EH@MICHIGAN.GOV)**

# Lead and Copper Consumer Notice Drinking Water Sample Results Table

(Safe Drinking Water Act, 1976 PA 399, as amended)

The table below lists the most recent drinking water quality Lead and Copper sample results. Lead and Copper samples are collected where cold water is typically drawn for consumption, such as drinking fountains, kitchen and classroom sinks, and break room faucets. Each facility has an established sample siting plan to identify approved sample points, in addition to a predetermined monitoring frequency.

**Water System Name :** Charlton Heston Academy

**WSSN :** 2009172

<u>Sample Number</u>	<u>Sample Location</u>	<u>Sample Date</u>	<u>Analyte Code</u>	<u>Results *</u> milligrams / liter
<u>Samples related to Source #</u> 003				
TRC09172224085	3 Compartment Sink hen house	9/17/2022	Lead	0
TRC09172224085	3 Compartment Sink hen house	9/17/2022	Copper	0
TRC09172249292	Drinking Fountain Pod S	9/17/2022	Lead	0.001
TRC09172249292	Drinking Fountain Pod S	9/17/2022	Copper	0.053
TRC09172255605	3 Compartment Sink HS Cafe	9/17/2022	Lead	0
TRC09172255605	3 Compartment Sink HS Cafe	9/17/2022	Copper	0
TRC09172271172	Drinking Fountain HS Cafe bottle filler	9/17/2022	Lead	0
TRC09172271172	Drinking Fountain HS Cafe bottle filler	9/17/2022	Copper	0

**\* All Lead and Copper sample results will be reviewed by your local health department to assess compliance with Lead and Copper regulations under the Safe Drinking Water Act, 1976 PA 399, as amended, the U.S. Environmental Protection Agency (U.S. EPA). Results that are below the detection limit of the analytical method employed by the laboratory are listed as**

For information on the health effects of Lead/Copper, and how to decrease your exposure, call the Safe Drinking Water Information Hotline at +1 (800)-426-4791, visit the U.S. EPA's Web site at [www.epa.gov/lead](http://www.epa.gov/lead), or contact your health care provider.

Printed: 1/3/2023



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING



LIESL EICHLER CLARK  
DIRECTOR

January 3, 2023 **(COPY DUE TO EGLE BY 4/3/2023)**

Dear Public Water Supply OWNER or OPERATOR:

SUBJECT: Consumer Notice of Drinking Water Lead and Copper Sampling

**Nontransient public water supplies are required to provide all lead and copper compliance sample results for drinking water to consumers, pursuant to Rule 410(5) of the Safe Drinking Water Act, 1976 PA 399, as amended.** Both the Consumer Notice of Drinking Water Lead and Copper Sampling (LCCN), and the Drinking Water Lead and Copper Sample Results Table (Sample Results), **must be posted together within 30 days** of the owner/operator learning the results, **even if no lead or copper is detected (both sheets must be posted together).**

Immediately post the attached documents (for a minimum of 30 days), following these instructions:

- 1) **Review for accuracy** the attached sample Results Table for correct sample locations, date(s), and results. Make comments as needed in the "comments" section.
- 2) On the LCCN, **sign and enter your contact information** as the owner or operator – **NEATLY (must be readable to others).**
- 3) **Copy or scan** the signed LCCN page ONLY and return to this office. Follow the return instructions below. Photos are not a good format. **\*\*Please note: to reduce paper waste and duplicated effort, please submit one copy only, without copies of letters or sample results (one page).\*\***
- 4) **Post the originals and any needed copies of the signed LCCN and Sample Results Table** at a location in each building sampled where it can be viewed by all potential consumers, such as a bulletin board. Additional steps for Schools and Daycares are provided below.

**For Schools and Daycares:** It is the responsibility of the facility owner to make the LCCN and Sample Results available for parents or guardians of children served by the water. In providing notification, the physical posting may be accompanied by posting to a Web site, social media, or newsletter.

**Return Instructions:** After posting (no later than three months from the date of this letter), return one copy of the signed LCCN (no originals, as originals must be posted) **via email to [EGLE-EH@Michigan.gov](mailto:EGLE-EH@Michigan.gov) (email is preferred** and you will receive confirmation of receipt via email reply); fax at 517-241-1328; or mail (see below).

**Please note** that a new mailing is prepared each time new sample results are received in our database. Ensure that **all** mailings are posted and that your signed LCCN represents each mailing (dates printed at the bottom corner of your LCCN and sample results sheets will match for each mailing).

**For questions,** please contact Ms. Sonja Warnock, Noncommunity Water Supplies Unit, Environmental Health Section, Drinking Water and Environmental Health Division, either by telephone at 517-648-9795; by e-mail at [EGLE-EH@Michigan.gov](mailto:EGLE-EH@Michigan.gov); or by mail at EGLE, P.O. Box 30817, Lansing, Michigan 48909-8311.

Sincerely,

Dan Dettweiler, Supervisor  
Noncommunity Water Supplies Unit  
Environmental Health Section  
Drinking Water and Environmental Health Division

Attachments

## GLWL Reporting

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**From:** EGLE-EH <EGLE-EH@michigan.gov>  
**Sent:** Thursday, January 19, 2023 2:50 PM  
**To:** GLWL Reporting  
**Subject:** RE: WSSN 20 091 72 / LCCN 2022 / Charlton Heston Academy

Your e-mail was received and will be forwarded to the appropriate EGLE, Environmental Health Section Staff person. Thank you.

**\*\* PLEASE NOTE:** Our preferred form of reporting is by electronic document submission. As we move towards conversion to electronic file record keeping, and in an effort to minimize duplication of work and costs for all parties, we ask that you submit in .pdf form, if possible, and DO NOT send duplicates of same by fax and/or mail. We also ask that you attach all .pdf documents for the SAME PROGRAM in one email, as separate files. Thank you.

**From:** GLWL Reporting <Reporting@greatlakeswaterlab.net>  
**Sent:** Thursday, January 19, 2023 2:28 PM  
**To:** EGLE-EH <EGLE-EH@michigan.gov>  
**Subject:** WSSN 20 091 72 / LCCN 2022 / Charlton Heston Academy

**CAUTION: This is an External email. Please send suspicious emails to [abuse@michigan.gov](mailto:abuse@michigan.gov)**

Thank you and we hope you have a great day. 😊

Sincerely,

GLWL Staff  
O: (231) 275-7382  
F: (231) 275-6510