

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

CHIPPEWA HILLS HIGH SCHOOL – WSSN: 2007854

Attention Drinking Water Consumer:

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:

CHIPPEWA HILLS HIGH SCHOOL

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:

Carmen Johnson  
Printed Name

231-245-8678  
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).

Carmen Johnson  
Signature

Licensed Water Operator  
Title

3-16-23  
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 : CHIPPEWA HILLS HIGH SCHOOL**

**WSSN : 2007854**

<u>Sample Number</u>	<u>Sample Location</u>		<u>Sample Date</u>	<u>Analyte Code</u>	<u>Results *</u> <small>milligrams / liter</small>	<u>Comment</u>
<u>Samples related to Source #</u>		<u>001</u>				
PNC02202310332	Drinking Fountain	DF 204	2/20/2023	Lead	0	
PNC02202310332	Drinking Fountain	DF 204	2/20/2023	Copper	0.012	
PNC02202328984	Sink	Room 302	2/20/2023	Lead	0.104	
PNC02202328984	Sink	Room 302	2/20/2023	Copper	0.029	
PNC02202330536	Drinking Fountain	DF 312 W	2/20/2023	Lead	0	
PNC02202330536	Drinking Fountain	DF 312 W	2/20/2023	Copper	0.01	
PNC02202332906	Unknown Location	303 Upper Center E	2/20/2023	Lead	0.01	
PNC02202332906	Unknown Location	303 Upper Center E	2/20/2023	Copper	0.027	
PNC02202335160	Prep Sink	Kitchen NE	2/20/2023	Lead	0	
PNC02202335160	Prep Sink	Kitchen NE	2/20/2023	Copper	0.035	
PNC02202338061	Drinking Fountain	DF across from 510	2/20/2023	Lead	0	
PNC02202338061	Drinking Fountain	DF across from 510	2/20/2023	Copper	0.064	
PNC02202341864	Unknown Location	318	2/20/2023	Lead	0	
PNC02202341864	Unknown Location	318	2/20/2023	Copper	0.052	
PNC02202351188	Drinking Fountain	Center DF across fro	2/20/2023	Lead	0	
PNC02202351188	Drinking Fountain	Center DF across fro	2/20/2023	Copper	0.007	
PNC02202352635	Prep Sink	Kitchen SW	2/20/2023	Lead	0.023	
PNC02202352635	Prep Sink	Kitchen SW	2/20/2023	Copper	0.041	
PNC02202356506	Drinking Fountain	Left DF across from	2/20/2023	Lead	0	
PNC02202356506	Drinking Fountain	Left DF across from	2/20/2023	Copper	0.008	
PNC02202356813	Unknown Location	DF across from 415	2/20/2023	Lead	0	
PNC02202356813	Unknown Location	DF across from 415	2/20/2023	Copper	0.115	
PNC02202358824	Drinking Fountain	Cafeteria	2/20/2023	Lead	0	
PNC02202358824	Drinking Fountain	Cafeteria	2/20/2023	Copper	0.104	
PNC02202362030	Drinking Fountain	gym lower W	2/20/2023	Lead	0	

**\* The Action Level for Lead is 0.015 milligrams per liter and for Copper is 1300 milligrams per liter. 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 zero.**

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: 3/9/2023

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PNC02202362030	Drinking Fountain gym lower W	2/20/2023	Copper	0.053	
PNC02202365653	Drinking Fountain gym lower E	2/20/2023	Lead	0	
PNC02202365653	Drinking Fountain gym lower E	2/20/2023	Copper	0.05	
PNC02202366649	Drinking Fountain Right DF across fro	2/20/2023	Lead	0.001	
PNC02202366649	Drinking Fountain Right DF across fro	2/20/2023	Copper	0.032	
PNC02202367145	Unknown Location 103 Center	2/20/2023	Lead	0.002	
PNC02202367145	Unknown Location 103 Center	2/20/2023	Copper	0.069	
PNC02202370044	Unknown Location 315	2/20/2023	Lead	0	
PNC02202370044	Unknown Location 315	2/20/2023	Copper	0.016	
PNC02202372650	Drinking Fountain gym upper level	2/20/2023	Lead	0.001	
PNC02202372650	Drinking Fountain gym upper level	2/20/2023	Copper	0.231	
PNC02202378478	Drinking Fountain 303 Upper W	2/20/2023	Lead	0.012	
PNC02202378478	Drinking Fountain 303 Upper W	2/20/2023	Copper	0.031	
PNC02202379552	Drinking Fountain 303 Upper Center	2/20/2023	Lead	0.015	
PNC02202379552	Drinking Fountain 303 Upper Center	2/20/2023	Copper	0.11	

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