

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

BOYCE ELEMENTARY – WSSN: 2029334

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:

BOYCE ELEMENTARY

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 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 ATSDR.CDC.gov/index.html, or contact your health provider. If you have further questions, please contact your water supply representative at:

Mike Avery

Printed Name

MAVERY@IONIASCHOOLS.ORG

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

FACILITIES DIRECTOR

Title

7/13/23

Date of Public Posting

RETURN A COPY OF THIS SIGNED NOTICE ONLY TO: 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 : **BOYCE ELEM. SCHOOL**

WSSN : **2029334**

<u>Sample Number</u>	<u>Sample Location</u>		<u>Sample Date</u>	<u>Analyte Code</u>	<u>Results *</u> milligrams / liter	<u>Comment</u>
<u>Samples related to Source #</u>	<u>001</u>					
PNC06202316431	Hand Sink	Kids Room #13 sink	6/20/2023	Lead	0	
PNC06202316431	Hand Sink	Kids Room #13 sink	6/20/2023	Copper	0.003	
PNC06202343591	Hand Sink	Kids Room #7 sink	6/20/2023	Lead	0	
PNC06202343591	Hand Sink	Kids Room #7 sink	6/20/2023	Copper	0.004	
PNC06202367822	Hand Sink	Kids Room #5 sink	6/20/2023	Lead	0	
PNC06202367822	Hand Sink	Kids Room #5 sink	6/20/2023	Copper	0.004	
PNC06202389507	Hand Sink	Teachers' Lounge si	6/20/2023	Lead	0	
PNC06202389507	Hand Sink	Teachers' Lounge si	6/20/2023	Copper	0.005	
PNC06202392615	Hand Sink	Kids Room #17 sink	6/20/2023	Lead	0	
PNC06202392615	Hand Sink	Kids Room #17 sink	6/20/2023	Copper	0.006	

*** The Action Level for Lead is 0.015 milligrams per liter and for Copper is 1.3 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, or contact your health care provider.

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