



GRETCHEN WHITMER  
GOVERNOR

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



PHILLIP D. ROOS  
DIRECTOR

December 15, 2023

VIA EMAIL AND U.S. MAIL

The Honorable Sheldon A. Neeley, Mayor  
City of Flint  
1101 South Saginaw Street  
Flint, Michigan 48502

WSSN: 02310  
County: Genesee  
Supply: City of Flint

Dear Mayor Neeley:

SUBJECT: City of Flint - Lead and Copper Monitoring of Drinking Water Taps

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) received your submittal of lead and copper tap monitoring conducted between **July 1 and December 31, 2023**, on November 20, 2023. After reviewing your report, 61 sites were validated to calculate the 90<sup>th</sup> percentile values listed below. Please retain this information for your records.

Action Levels	90 <sup>th</sup> Percentile Value	# of Sites Above Action Level	Range of Individual Results
Lead 15 parts per billion (ppb)	10 ppb	3	0 ppb-99 ppb
Copper 1.3 parts per million (ppm)	0.1 ppm	0	0 ppm-1.3 ppm

If the 90<sup>th</sup> percentile value for either lead or copper is greater than 0, it must be reported on your 2023 Consumer Confidence Report (CCR), which is due to our office, your customers, and the local health department by **July 1, 2024**. If you are a water supply who samples two six-month rounds during one calendar year, you must report both 90<sup>th</sup> percentile values on your CCR. The following statement must also be included in the CCR, regardless of the lead and copper levels:

*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. [NAME OF UTILITY] is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you have a lead service line it is recommended that you run your water for at least 5 minutes to flush water from both your home plumbing and the*

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*lead service line. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/safewater/lead>.*

Even though your 90<sup>th</sup> percentile values for lead did not exceed either action level, you did have individual samples which exceeded each action level in 2023; therefore, you are required to include the following statements in your CCR:

*Infants and children who drink water containing lead 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.*

The city of Flint collected 62 sets of 1<sup>st</sup> and 5<sup>th</sup> liter samples from 61 sites during this monitoring period. All 61 sites met the proper site selection criteria; however, one site (2547 Paducah Street) was sampled twice and only the highest result was used in the 90<sup>th</sup> percentile calculation.

### **Lead and Copper Tap Monitoring**

Your next round of lead and copper tap monitoring must be conducted **between January 1, 2024, and June 30, 2024**. You are required to collect a minimum of two (a 1<sup>st</sup> and 5<sup>th</sup> liter) tap samples per site, from 60 Tier 1 sites (120 total samples). In accordance with Paragraph 49 of the Settlement Agreement, half of the minimum number of samples (60), or 30 individual sites, must be sampled during the months of May and June 2024. Select the same sites used in previous monitoring periods unless sites no longer meet Tier 1 criteria. If a site no longer meets Tier 1 criteria, it must be replaced by another confirmed Tier 1 site, or Tier 2 site if Tier 1 sites are not available, to maintain the required number of sites. Written documentation explaining the reason for any changes in sampling sites, including the service line material composition, must be provided to EGLE. An updated version of your sampling plan should be submitted to EGLE prior to collecting samples for each six-month monitoring period.

If you have questions, please contact me at 517-284-6544; [OswaldE1@Michigan.gov](mailto:OswaldE1@Michigan.gov); or EGLE, Drinking Water and Environmental Health Division, P.O. Box 30817, Lansing, Michigan 48909-8311.

Sincerely,



Eric J. Oswald, Director  
Drinking Water and Environmental Health Division

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cc: Michael D. Harris, Acting Director, Enforcement and Compliance Assurance  
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Clyde Edwards, City Administrator, City of Flint  
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