



## MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

### Drinking Water and Environmental Health Division

# **DRINKING WATER LEAD AND COPPER SAMPLING INSTRUCTIONS FOR SITES WITH LEAD SERVICE LINES**

The Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399), R 325.10710a(2) which details sample collection methods for lead and copper monitoring in tap water.

Dear Resident:

This sampling is required by the federal and state Safe Drinking Water Acts and is being accomplished with the cooperation of homeowners, residents, and water system customers.

**It is important that you read these instructions completely before sampling. This will allow the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to obtain an accurate measurement of the lead and copper in your drinking water. This sample should represent the water and the faucet where you typically consume water.**

1. Water must remain motionless in the pipes for at least six hours before sampling. Therefore, the most convenient times to sample may be early morning, after school, or after returning from work.

**DO NOT intentionally or systematically run water** before the start of the six-hour period.

**DO NOT use any water** in the house during the minimum six-hour period.

2. Select an unfiltered/untreated faucet in the **KITCHEN SINK** or **BATHROOM SINK** that has been commonly used for drinking in the past few weeks.

**DO NOT** sample from a laundry sink, bathtub, hose, or outdoor faucet as these samples do not represent water that you typically consume.

**DO NOT** use a faucet with a filter unless you turn the filter off.

**DO NOT** use a faucet that is connected to a home water treatment device like a water softener, iron filter, or reverse osmosis.

**DO NOT** remove or clean the aerator immediately before sampling.

3. Place all the bottles in order next to the kitchen sink or bathroom sink. Open all the bottles, place the caps on the counter, and be careful not to touch the inside of the bottles or the caps.
4. Place the **FIRST LITER** sample bottle below the faucet and turn on the **COLD-WATER** tap. If you have a single handle faucet, turn it fully to the **COLD** side. Fill the first liter sample bottle to the neck and be prepared to immediately start filling the next bottle once the first bottle has been filled. Repeat this process until all the bottles are full.

**DO NOT** turn off the faucet in between filling the sample bottles.

5. Tightly cap the **FIRST** and **FIFTH** bottles. Pour the other bottles out in the sink. Review the sample kit label to ensure all the information contained on the label is complete and correct.
6. Complete the information on pages 3 and 4.
7. Place your completed form with the bottles inside the sample kit and arrange for pick-up according to the instructions provided by your water department.

Thank you for your help. Your water supply will send your individual results within 30 days of receiving them from the laboratory. A summary of your water supply's lead and copper results will be provided in the annual water quality report that will be available by July 1 of next year.

If you have questions, please call:

Water Supplier: \_\_\_\_\_

Manager or Water Operator: \_\_\_\_\_

## SAMPLE COLLECTION RECORD

### THE FOLLOWING INFORMATION IS TO BE COMPLETED BY THE RESIDENT/CUSTOMER

1. Which faucet did you use to fill the bottles?

- Kitchen Sink     Bathroom Sink     Other (not an option for residential sites)

If you selected OTHER, please describe the faucet you used.

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2. When was the water in the house last used before sampling?

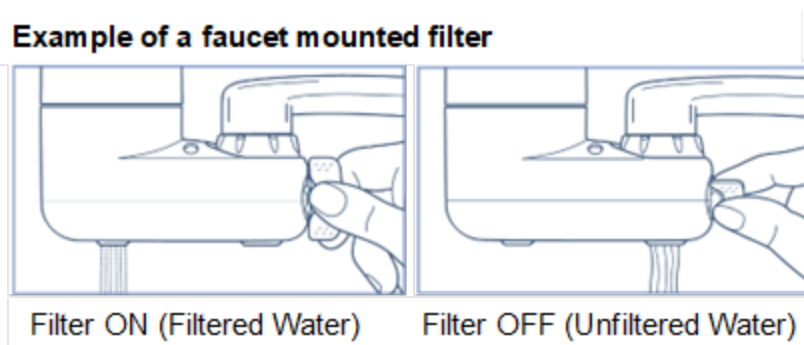
Date \_\_\_\_\_ Time \_\_\_\_\_  AM  PM

3. When did you fill the bottles (should be at least 6 hours from when the water was last used)?

Date \_\_\_\_\_ Time \_\_\_\_\_  AM  PM

### Home water treatment information:

If your home has a water softener, filter, reverse osmosis, or iron removal treatment device, it may be changing your water quality and lead levels. If you have questions about treatment devices in your home, talk to your water system representative **before** collecting your water samples.



4. Is there a faucet mounted filter or reverse osmosis device on the faucet?

- YES     NO

If you selected Yes, did you bypass or turn the device off **BEFORE** collecting the sample (unfiltered water)?

- YES     NO

Remember to turn the device on **AFTER** collecting the sample to resume filtering the water.

5. Is there a whole house treatment device such as a water softener, sediment filter, or iron removal device **OR** any other kind of treatment?

- YES     NO     OTHER: \_\_\_\_\_

If you selected Yes, please discuss with your water supply representative how to bypass this device or choose a different faucet within your home.

Did you bypass the device?

- YES     NO

I have read the Drinking Water Lead and Copper Sampling Instructions and have taken the tap water sample in accordance with the directions.

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Printed Name

Date

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Sample Collection Address

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Signature

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If you need this information in an alternate format, contact [EGLE-Accessibility@Michigan.gov](mailto:EGLE-Accessibility@Michigan.gov) or call 800-662-9278.

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