

FLINT DRINKING WATER LEAD AND COPPER LAB REPORT FREQUENTLY ASKED QUESTIONS

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

DEQ

P.O. Box 30270
Lansing, MI 48909
TEL: (313) 335-8194

Sample Number
LG10007

Official Laboratory Report

Report To: JOHN SMITH
355 MAIN ST, FLINT 48503
FLINT, MI
48503

System Name/Owner: CITY OF FLINT
Collection Address: 555 MAIN ST, FLINT 48503
Date Collected: 02/04/2016
Collected By: JOHN SMITH
Date Received: 02/05/2016
County: Genesee
Sample Point: RP-P2 BATHROOM

TESTING INFORMATION	
Metal	Result In Parts Per Billion (ppb)
Copper	490
Lead	162

What the Results Mean: The result tells you how much lead and copper is in the water

- If the result for Copper is "Not Detected", that means the amount of copper in the water was less than 50 ppb.
- If the result for Lead is "Not Detected", that means the amount of lead in the water was less than 1 ppb.

- No matter what your lead result is, you should continue to use an NSF certified filter until the Public Health Emergency Declaration has been lifted.

- Filtered or bottled water should be used for all drinking, cooking and washing of fruits and vegetables.
- Filtered or bottled water should also be used for children brushing their teeth and for watering pets.

If your lead result is greater than 150 ppb:

- Contact the Genesee County Health Department at (810) 257-3603 (if you have not already been contacted)
- Use only bottled water for drinking if you are pregnant
- Use only bottled water for infants for drinking water and for making baby formula

Please note, other faucets in your home may have higher levels of lead, even if this sample was low. Do not drink or cook with water from other faucets unless they have been tested and have a filter.

For more information go to: www.mi.gov/flintwater

Call your County Health Department at the number below if you have questions
Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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What do the copper and lead numbers on my lab report mean?

The "Result" numbers tell you how much copper and lead was found in the water sample you sent in for testing. These numbers are reported in parts per billion (ppb), a measurement used by labs to test water.

How do I know if my lead and copper levels are high, and what should I do if they are?

If your **lead** number is **above 150 ppb** – OR – your **copper** number

is **above 1,300 ppb**, you should use **ONLY** bottled water for drinking, cooking and washing fruits and vegetables. Contact Genesee County Health Department at 810-257-3603 (if you have not already been contacted). There are teams visiting homes with high lead and/or copper test results to assist residents in reducing these levels and to ensure residents are taking steps to stay safe.

My test result says, "Not Detected." What does that mean?

If the test result for lead or copper is "Not Detected," it means the level – or amount – of lead or copper in your water sample was lower than the smallest amount that the lab measures.

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I submitted water samples for more than one faucet in my home, how do I know which faucet these test results are for?

System Name/Owner:	CITY OF FLINT
Collection Address:	555 MAIN ST, FLINT 48503
Collected By:	JOHN SMITH
County:	Genesee
Sample Point:	BF-P2 BATHROOM

The “Sample Point” listed on your report indicates the specific faucet the water sample was taken from. The sample point is located toward the top portion of your report, just above the test results section. Your test results apply only to the faucet tested. Other faucets in your home may have higher levels of lead, even if this sample was low or not detected. Do not drink or cook with water from other faucets unless they have a filter and have been tested.

Do I need to continue to filter my water if my test results are low or “not detected”?

Yes, no matter what the lead or copper result is in your home, you should continue to use an NSF-certified filter until the Emergency Declaration has been lifted.

Do I need to test all the faucets in my house?

Yes, you should have all faucets in your home tested. Your test results apply only to the faucet tested. Other faucets in your home may have higher levels of lead, even if this sample was low or not detected. Do not drink or cook with water from other faucets unless they have a filter and have been tested.



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How can copper affect my health?

Copper is a metal that occurs naturally throughout the environment, in rocks, soil, water, and air. Copper is an essential element in plants and animals (including humans), which means it is necessary for us to live. People need small amounts of copper every day to stay healthy. Most people's bodies, including pregnant and breastfeeding women, are very good at controlling the amount of copper it processes and keeps. High levels of copper can be harmful, though. Having high levels of copper in your body can make you feel sick, throw up or have diarrhea. In very rare cases when people have very-high doses of copper, it may damage their liver and kidneys.

Where can I get more information?

www.michigan.gov/flintwater

Genesee County Health Department
630 South Saginaw
Flint, MI 48502
810-257-3603

For other questions about water resources available in your community, call 211.

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	If your result is....	Drinking, cooking, washing fruits and vegetables	Children under 6 years old and pregnant women	Washing dishes, clothes, and cleaning your house	Bathing	Brushing Teeth
COPPER	Above 1,300 ppb	Use ONLY Bottled Water	Use ONLY bottled water for formula, drinking, or making any other food product regardless of the result of your water test	OK to use Unfiltered Water	OK to bathe in Unfiltered Water. Keep children from getting bath water in their mouths	Kids: Bottled Water ONLY Adults: Filtered or Bottled Water
	Below 1,300 ppb	OK to use Filtered Water				Kids and Adults: OK to use Filtered or Bottled Water
	Not Detected					
LEAD	Above 150 ppb	Use ONLY Bottled Water	Use ONLY bottled water for formula, drinking, or making any other food product regardless of the result of your water test	OK to use Unfiltered Water	OK to bathe in Unfiltered Water. Keep children from getting bath water in their mouths	Kids: Bottled Water ONLY Adults: Filtered or Bottled Water
	Below 150 ppb	OK to use Filtered Water				Kids and Adults: OK to use Filtered or Bottled Water
	Not Detected					