



# Michigan's Public Health Response to a Public Water Supply Lead Action Level Exceedance

Presented by:



# Topics

This presentation outlines the following:

- Michigan Department of Health and Human Services Lead Response
- Steps to Reduce Lead in Drinking Water
- More Information

# Michigan Department of Health and Human Services Lead Response

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# Public Health Assistance for Residents on a water supply with a lead action level exceedance

## **Requirement 1: Must meet both**

- ☐ Household receives water from water supply with a lead action level exceedance
- ☐ Individual and the individual's household has NOT received a water filter from water supply, local health department, or the Michigan Department of Health and Human Services

## **Requirement 2: Must meet at least one**

- ☐ A child under 18 lives at the address
- ☐ A child under age 18 frequently spends time at this address ("Frequently" if a resident of the household provides care for at least several days per week for a few hours per day over three or more months per year.)
- ☐ A pregnant woman lives at the address

## **Requirement 3: Must meet at least one**

- ☐ A person receiving WIC benefits or Medicaid insurance lives at this address
- ☐ A person can't afford a filter and replacement cartridges (filters cost about \$35 and replacement cartridges cost about \$15.)

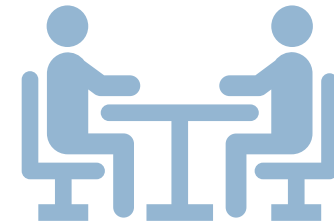
# Outreach and Education



Awareness



Recommendation



Accessibility

# Drinking Water Assessment

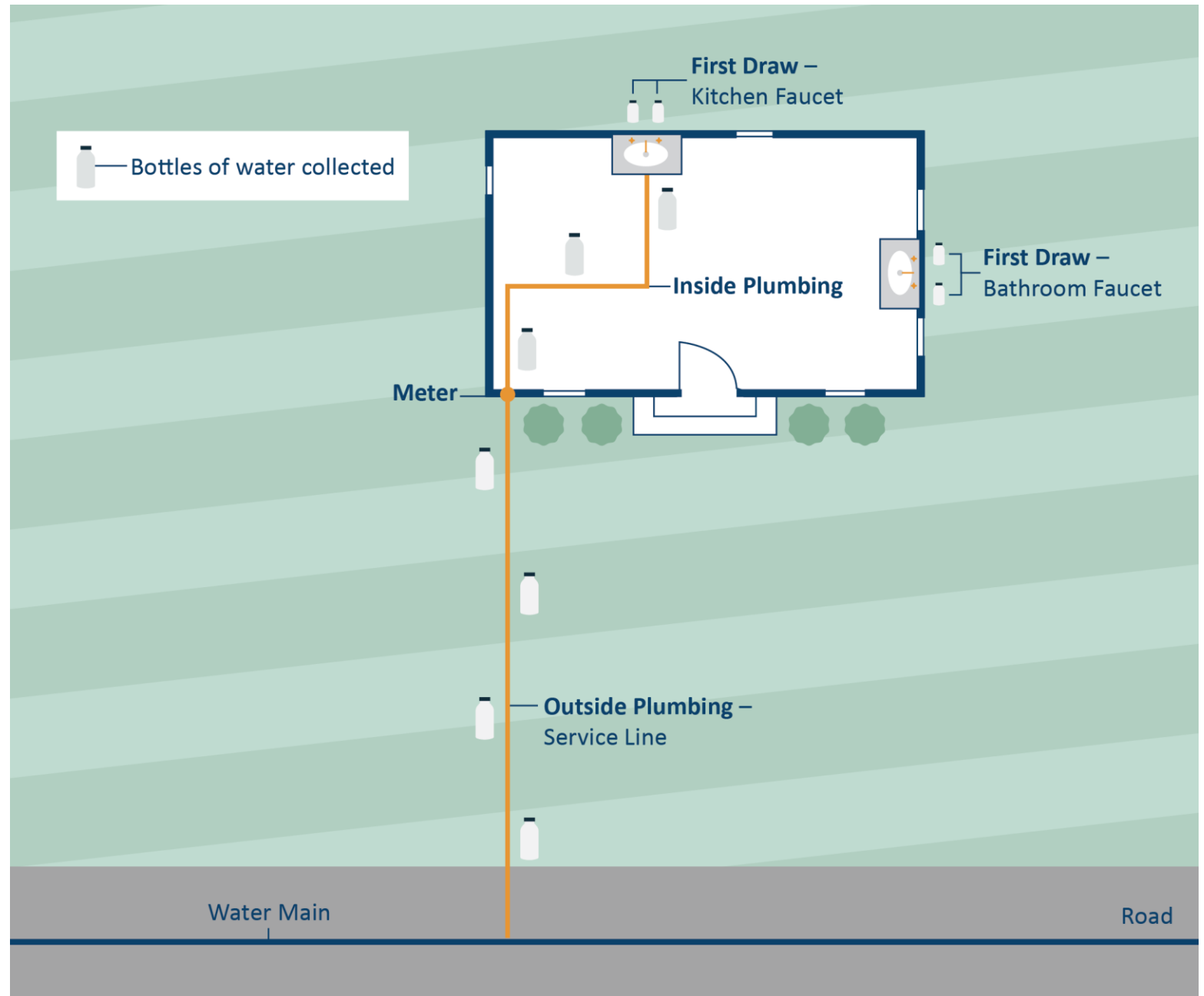
- Collect water samples and test for lead
- Evaluate water test results
- Provide recommendations

## EXAMPLE

- › 30 homes sampled by public water supply.
- › Of those 30 homes, 9 had water test results above 15 ppb for lead.
- › MDHHS will collect water samples from those 9 homes.

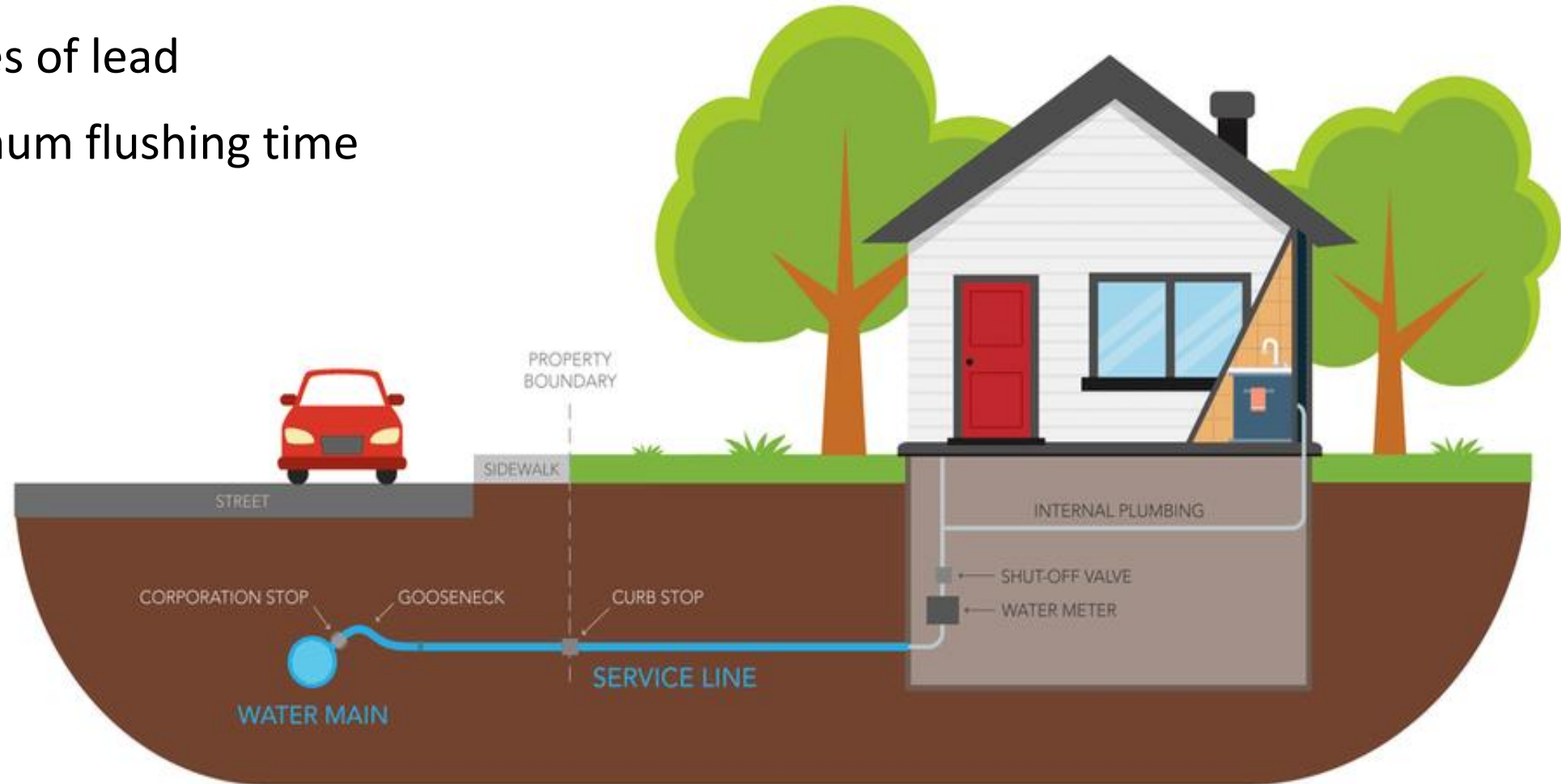


# Sequential Sampling



# *How are water test results being used?*

- Identify sources of lead
- Identify maximum flushing time

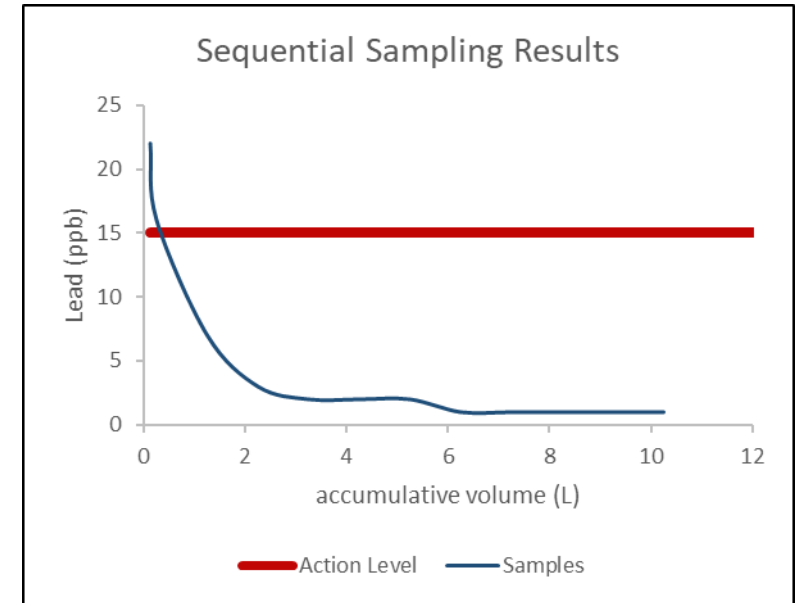




# Sequential Sampling Water Test Results Example 1

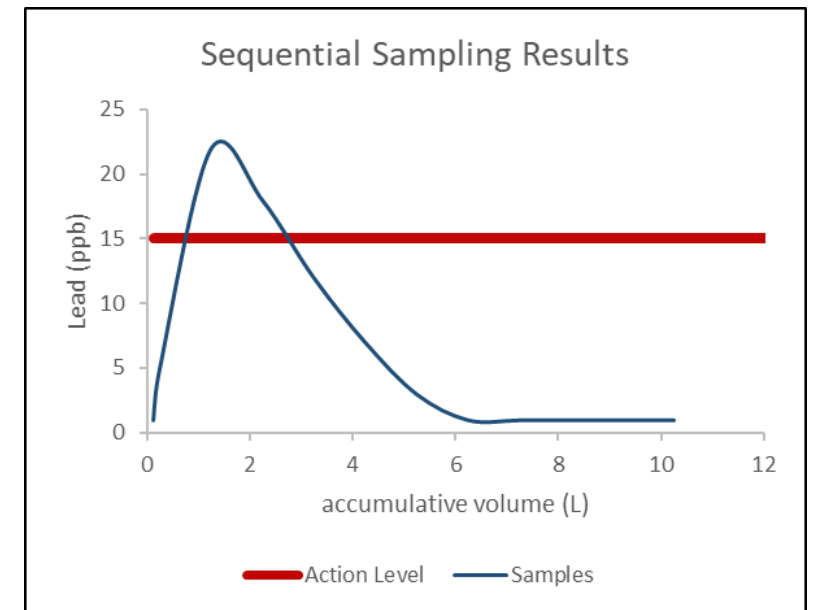
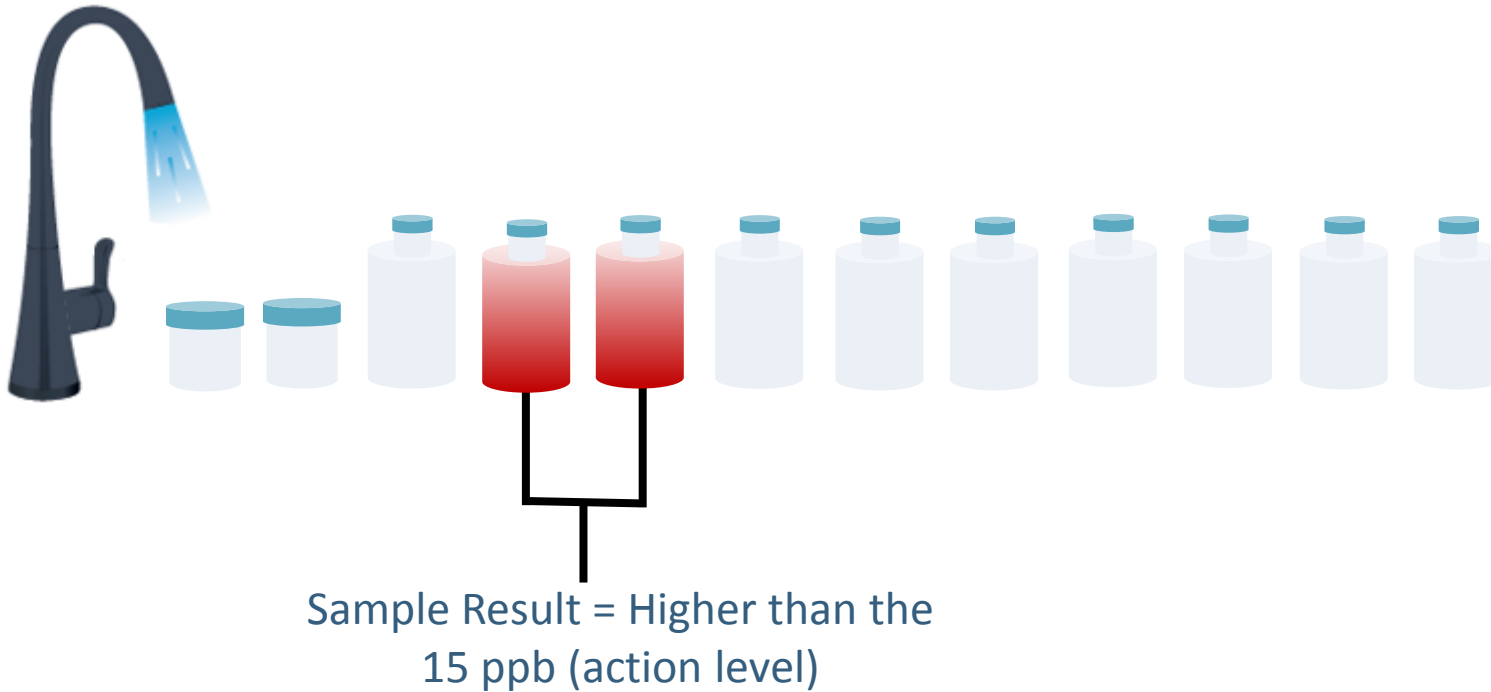


Sample Result = Higher than  
the 15 ppb (action level)



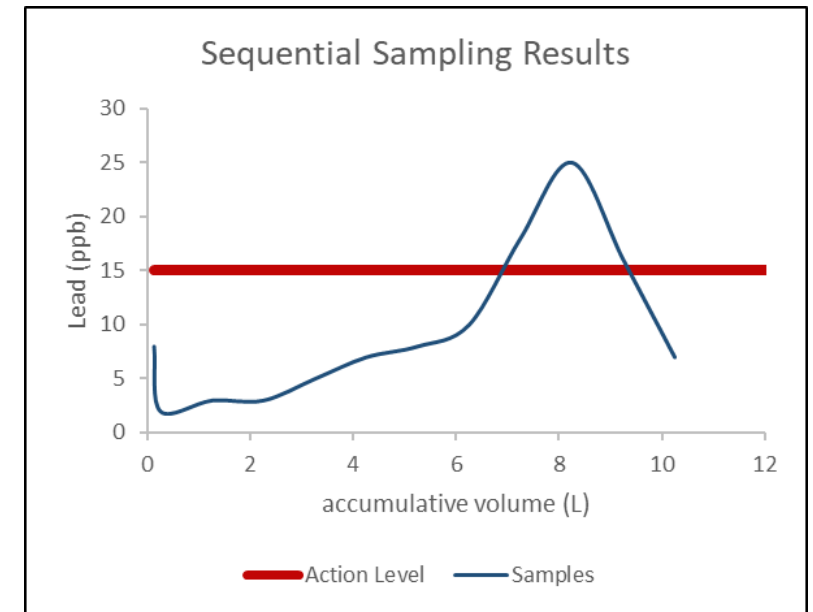
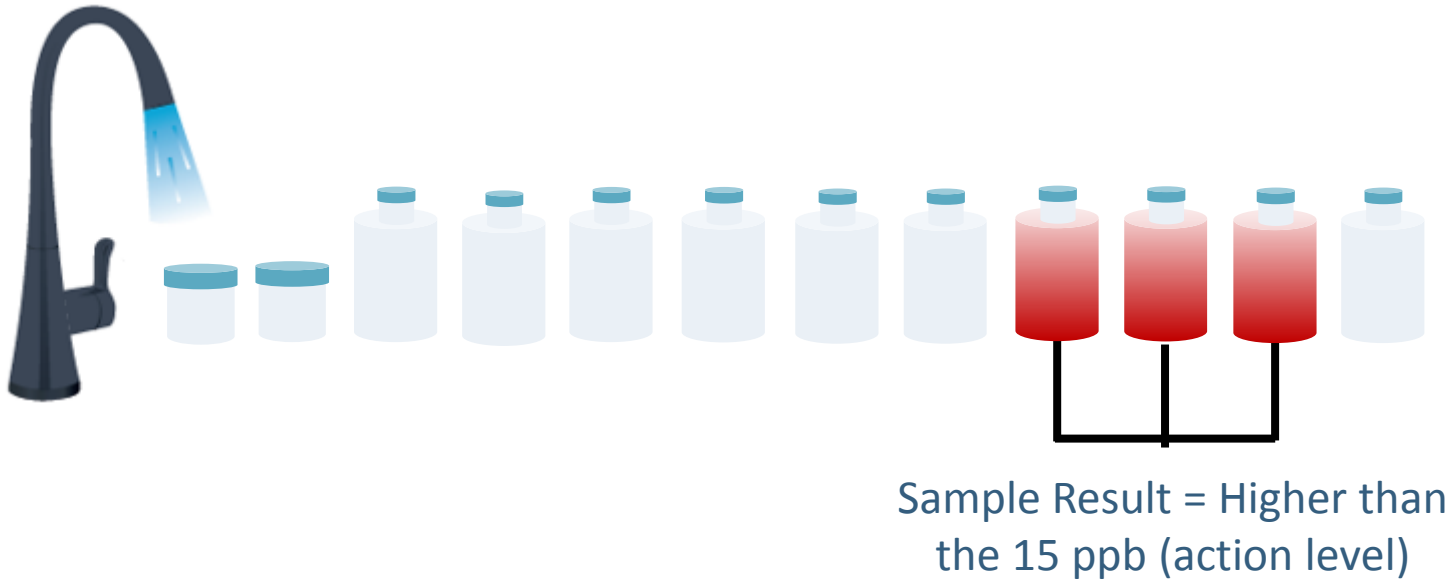
**Lead in Faucet**

# Sequential Sampling Water Test Results Example 2



**Lead in inside plumbing**

# *Sequential Sampling Water Test Results Example 3*



**Lead in Service Line**

# MDHHS Support to Local Health Departments

- Education and Outreach
- Sanitarian Training
- Child Blood Lead Data Surveillance Reports

# Steps to Reduce Lead in Drinking Water

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- Flush pipes
- Use a water filter certified for lead reduction
- Clean faucet aerators
- Replace older plumbing, pipes, and faucets that may add lead to water
- Do not use hot water for drinking or cooking
- Don't try to remove lead by boiling the water

# More Information

Visit [Michigan.gov/MiLeadSafe](https://www.michigan.gov/MiLeadSafe) to learn more about lead.

## Mi Lead Safe

[LEAD & YOUR HEALTH](#) | [DRINKING WATER](#) | [PAINT & DUST](#) | [SOIL](#) | [HOUSEHOLD ITEMS & IMPORTED GOODS](#) | [JOBS & HOBBIES](#)

### BREAKING NEWS

Michigan Safe Drinking Water Virtual Town Hall Recording Now Available!

[View Town Hall Recording](#) (recorded July 10, 2019)

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) hosted three Michigan Safe Drinking Water Virtual Town Halls July 9-11, 2019. The town halls provided information to residents on sampling that is being done in communities throughout Michigan to test for lead in drinking water. Each town hall included a presentation by staff in EGLE and the Michigan Department of Health and Human Services (MDHHS) and included time to answer questions submitted online. The same information was presented in each town hall. This is a recording of the town hall hosted on July 10. More information is available at [www.michigan.gov/MiLeadSafe](https://www.michigan.gov/MiLeadSafe).

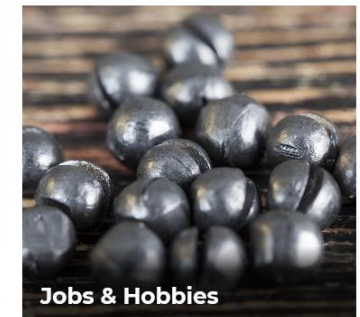
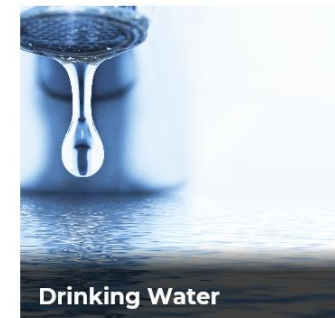
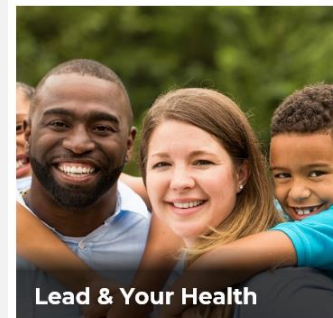
### PROTECT YOUR LOVED ONES FROM LEAD

Every Michigander deserves safe, clean drinking water. To protect its residents, Michigan has adopted the strictest Lead and Copper Rule in the nation. This rule strengthens our ability to detect lead in drinking water and will help protect your family's health.

Michigan is committed to protecting the public from lead exposure by working together with families and local communities to reduce or eliminate all sources of lead in the home. When lead is swallowed, it can cause health problems, especially in children. By creating the strongest drinking water lead testing and service line removal rules in the country, Michigan is on track to reduce and get rid of lead drinking water pipes.

While lead in drinking water is concerning, lead can also come from [other sources](#). Exposure to lead-based paint chips and dust, as well as soil with higher levels of lead, are most often to blame when it comes to having elevated levels of lead in the body. In addition to community testing results, this website will help you

### HOW CAN I PROTECT MYSELF FROM LEAD IN WATER?



# Contact



**Michigan Department of Health and Human Services**

800-648-6942 ask for the Drinking Water Investigation Unit



**Michigan Department of Environment, Great Lakes,  
and Energy**

800-662-9275