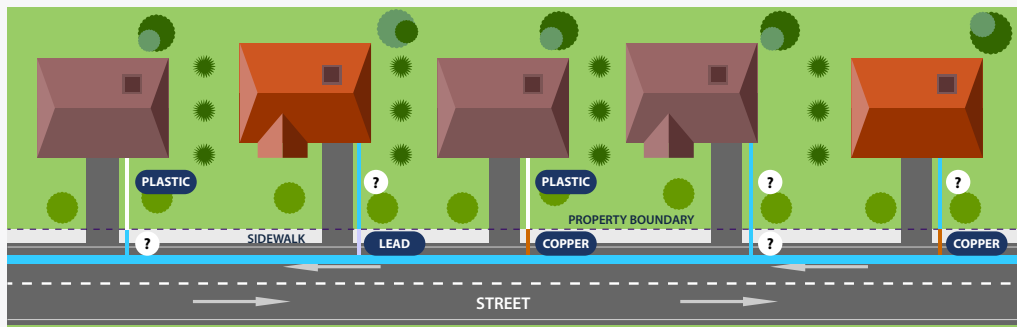


WHAT CHANGED WITH MICHIGAN'S 2018 LEAD AND COPPER RULE?

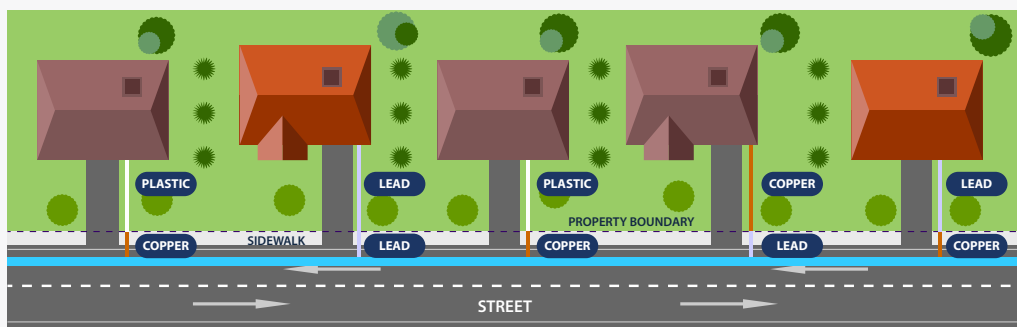
Prior to the adoption of the new Michigan Lead and Copper Rule in June 2018, Michigan's requirements were consistent with the federal Lead and Copper Rule. The new Michigan rule includes targeted changes that are detailed here.

1 NEW REQUIREMENT: INVENTORY ALL SERVICE LINES

BEFORE



AFTER



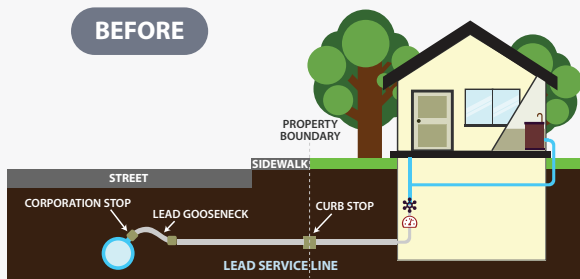
WHAT'S NEW?

- Water supplies must create a distribution system materials inventory that identifies the material of all service lines including the portions on both public and private property.
- Water supplies must notify residents within 30 days if they live in a house with a lead service line.

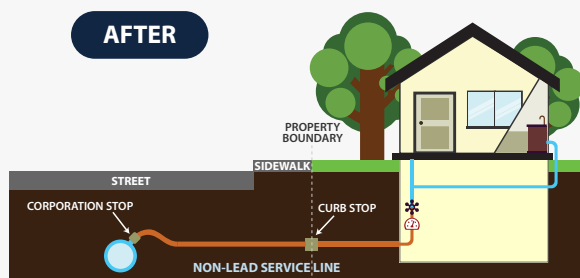
2 NEW REQUIREMENT: COMPLETE LEAD SERVICE LINE REPLACEMENT

3 TARGETED REVISION: LOWER LEAD ACTION LEVEL

BEFORE

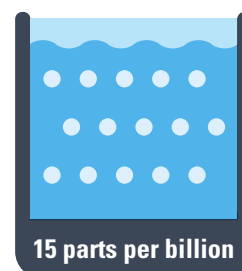


AFTER

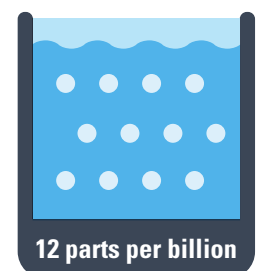


WHAT'S NEW?

- Water supplies are required to replace all lead service lines by January 1, 2041, including portions on both public and private property. Removing only part of the lead service line is prohibited, unless emergency repairs are necessary.
- Galvanized service lines that are or were attached to a lead service line must also be replaced.
- A water supply can use a different replacement schedule based on the water supply's asset management plan if they receive permission from the Michigan Department of Environment, Great Lakes, and Energy (EGLE).



BEFORE



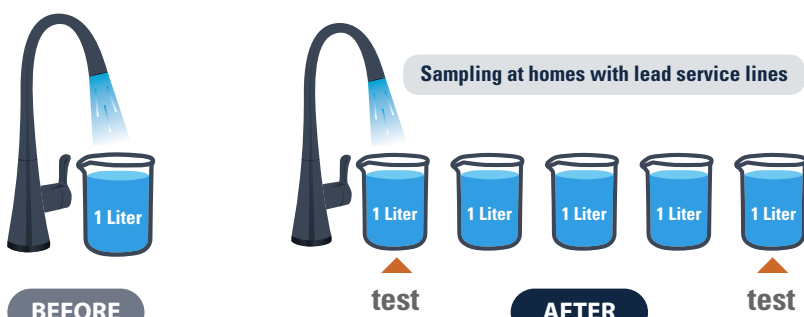
AFTER

WHAT'S NEW?

- The lead action level will decrease from 15 ppb to 12 ppb on January 1, 2025.
- As in the federal Lead and Copper Rule, when a water system exceeds the lead action level, the water system is required to 1) send notices to all customers, 2) optimize corrosion control, and 3) increase the pace of lead service line replacement to 7% per year if appropriate corrosion control had already been in place.

4 TARGETED REVISION: NEW SAMPLING REQUIREMENTS AND METHODS

5 NEW REQUIREMENT: PUBLIC INVOLVEMENT



WHAT'S NEW?

- Water supplies must sample at buildings with lead service lines or lead pipes before sampling at buildings with other service line or plumbing materials.
- Before, water supplies were required to test only the first liter of water collected from a tap. Now, water supplies will test both the first and fifth liters of water collected from lead service line homes.

WHAT'S NEW?

BEFORE

AFTER

- A State Water System Advisory Council will advise the EGLE and local water supplies on lead in drinking water awareness campaigns, advise communities on action plans if lead action levels are exceeded, promote data and information transparency and management, and support all communities in Michigan on lead and other drinking water quality issues.
- Every water system with more than 50,000 customers must also have a local Water System Advisory Council that will advise the water system on community level needs such as accessing homes for lead service line replacement and data transparency.