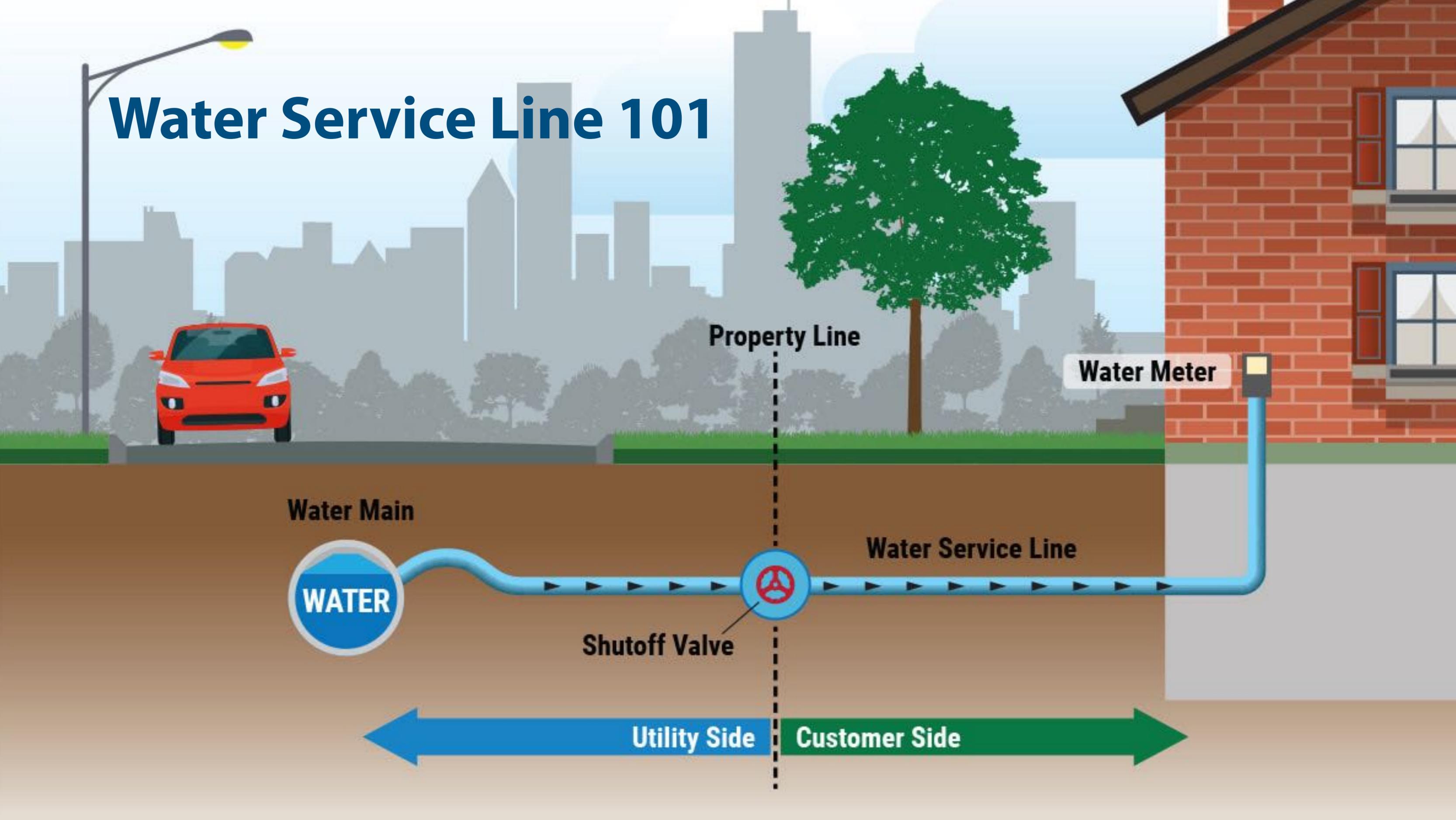




Bexley Lead Service Line Replacement Process Update



Water Service Line 101





Lead Pipe



Copper



Brass



Plastic



Galvanized Steel

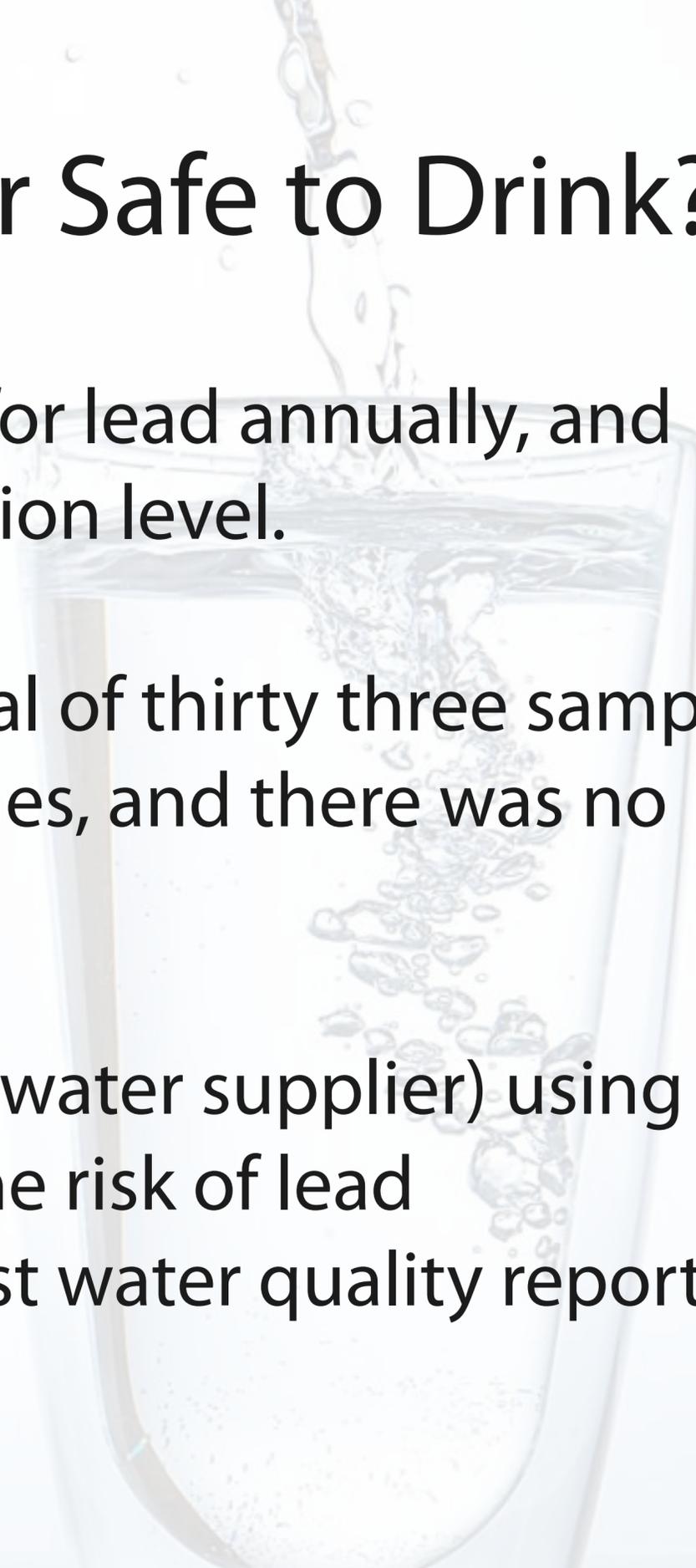


Before We Continue.... Is Our Water Safe to Drink?

The City of Bexley proactively and voluntarily tests for lead annually, and results are consistently below the Ohio EPA lead action level.

In 2023 (the most recent finalized test results), a total of thirty three samples were taken, including in homes with lead service lines, and there was no detection of lead in any of the samples.

This is due in part to the City of Columbus (Bexley's water supplier) using an additive to control corrosion, thereby minimizing the risk of lead contamination in the water supply. To view the latest water quality report, [click here](#).



What is a Lead Service Line (LSL)?

The Environmental Protection Agency (EPA) classifies a **Lead Service Line** as a portion of pipe that is made of lead, which connects the water main to the building inlet. A lead service line may be owned by the city, owned by the property owner, or both.

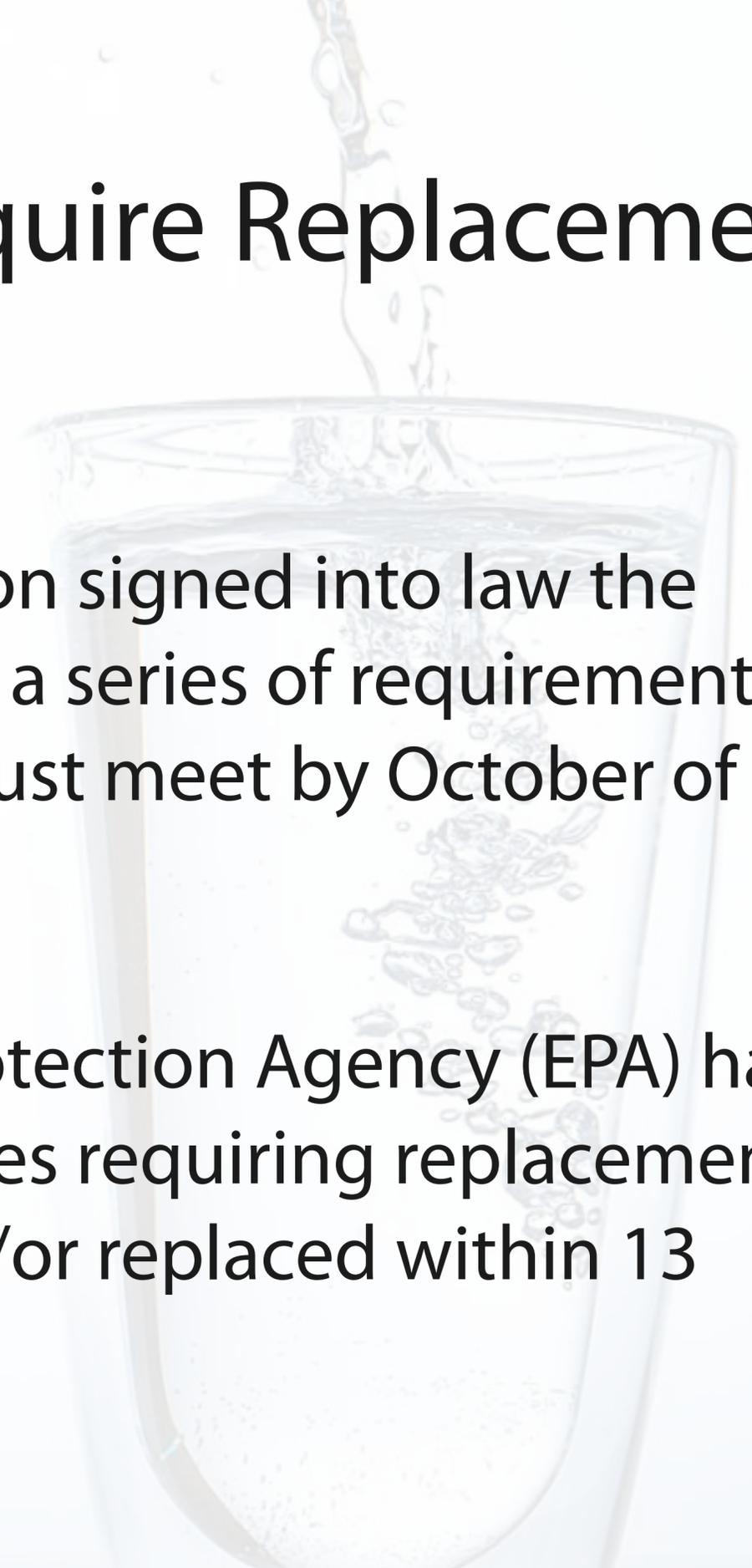
NEW FOR 2024!

A **galvanized service line** is considered a “Lead Service Line” if it ever was or is currently downstream of any Lead Service Line or any service line of unknown material. If the only lead piping existing at a property is within a fitting, for example a gooseneck, pigtail, or connector, the service line is not classified as a lead service line (EPA 40 CFR §141.2).

EPA's Lead and Copper Rule to Require Replacement of Lead Service Lines Nationwide

On October 8, 2024, the Biden/Harris Administration signed into law the **Lead and Copper Rule Revisions**. The rule details a series of requirements that all 60,000+ public water systems in the U.S. must meet by October of 2037.

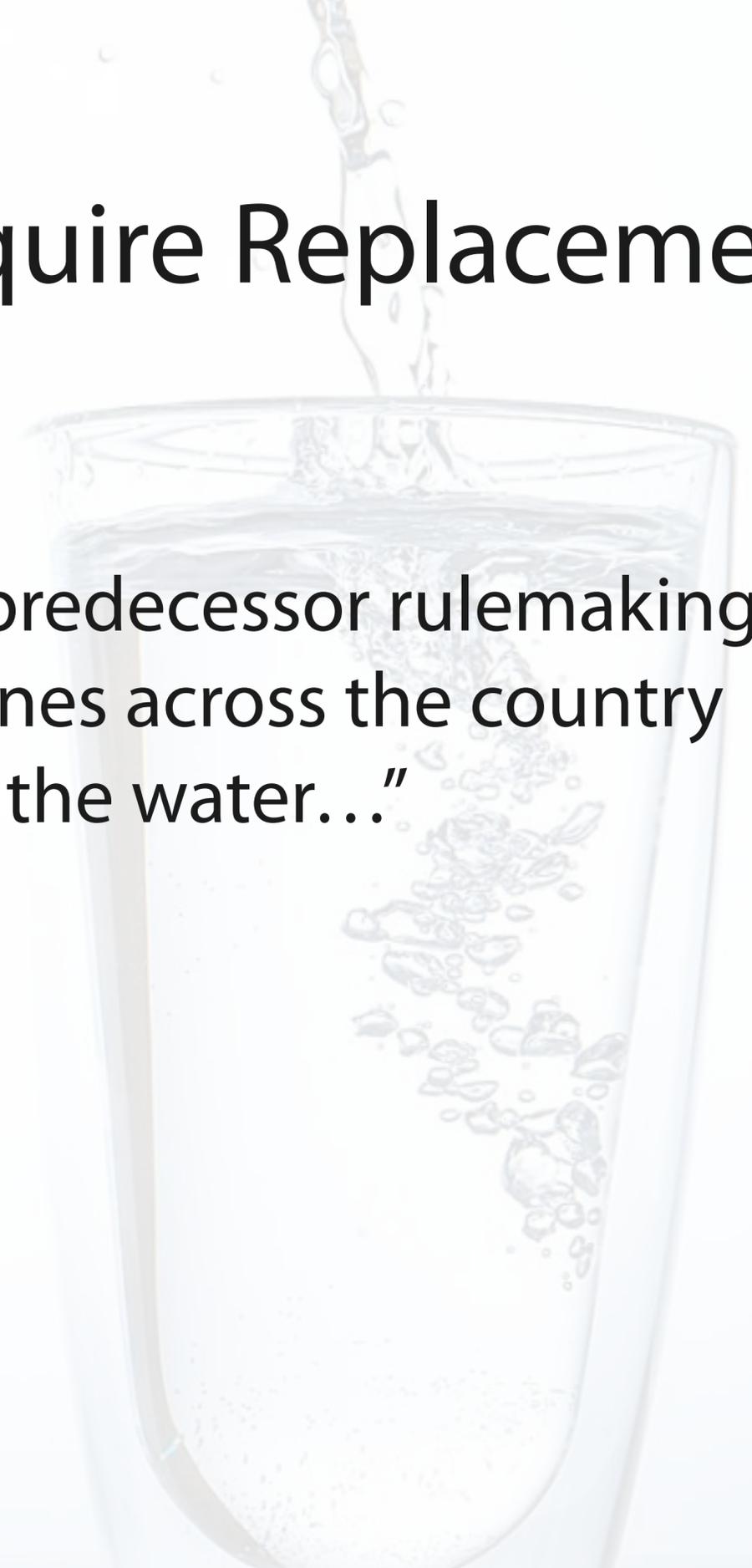
As part of the rule revisions, the Environmental Protection Agency (EPA) has mandated that all lead service lines, galvanized lines requiring replacement, and unknown service line material be verified and/or replaced within 13 years of the publication of the rule.



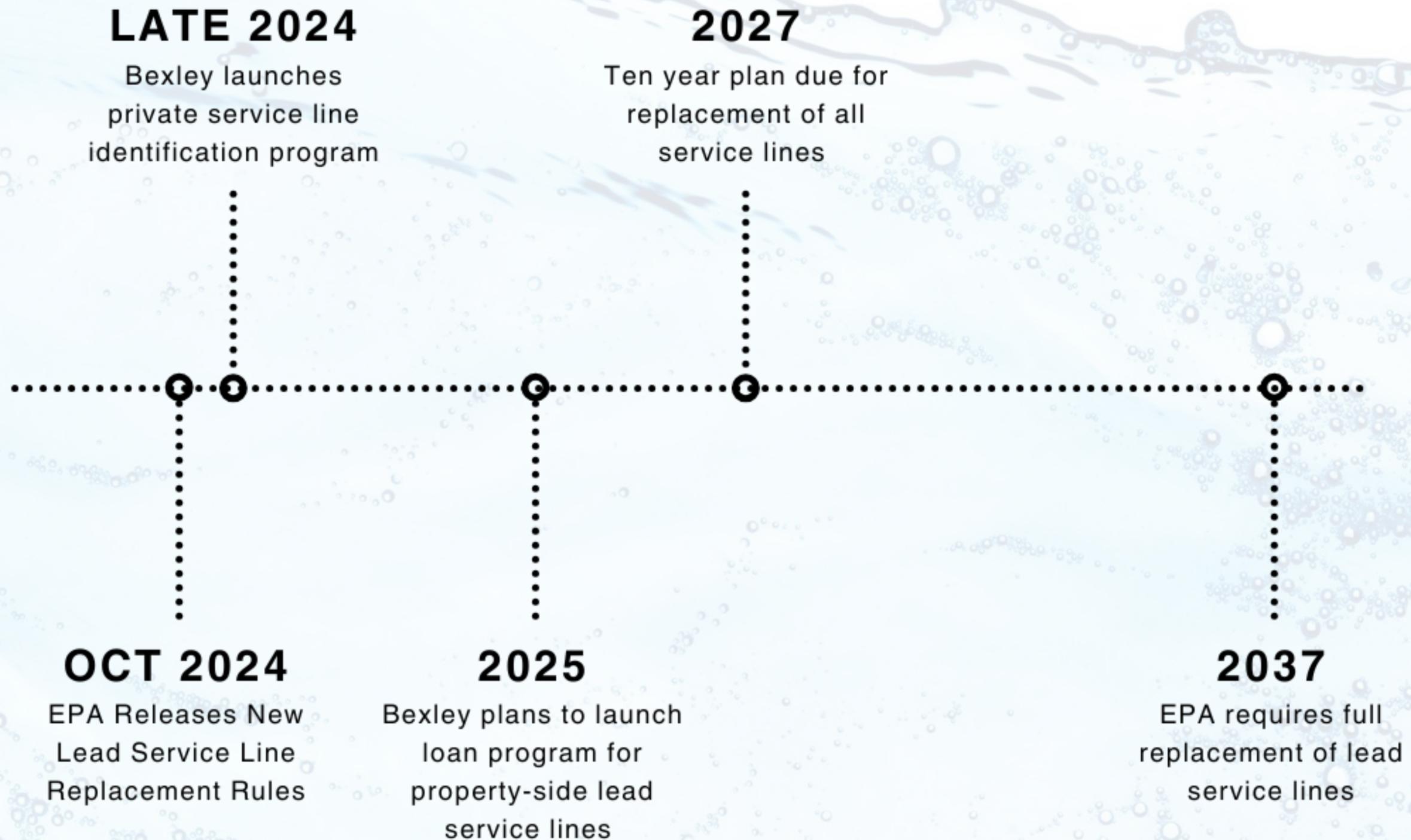
EPA's Lead and Copper Rule to Require Replacement of Lead Service Lines Nationwide

“The LCRI takes a more aggressive approach than predecessor rulemakings by mandating full replacement of all lead service lines across the country within 10 years, regardless of current lead levels in the water...”

- National Law Review



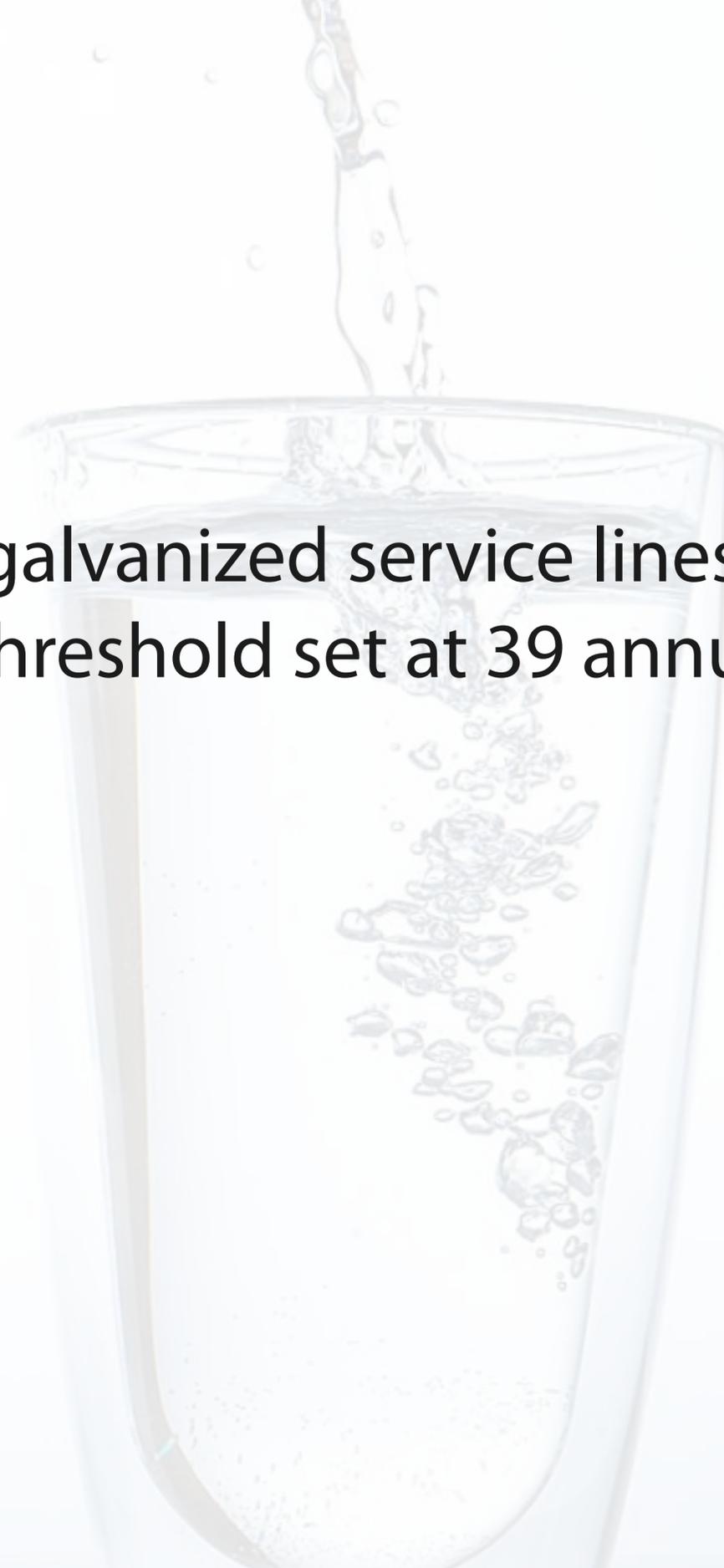
EPA Lead and Copper Rule Replacement Timeline:



Deferred Deadline Option*

Water systems with a high proportion of lead and galvanized service lines can utilize the deferred deadline option, with the threshold set at 39 annual replacements per 1,000 connections.

** Unknown if this will be an option until survey is completed*



What Is Bexley Doing to Replace Lead Service Lines?

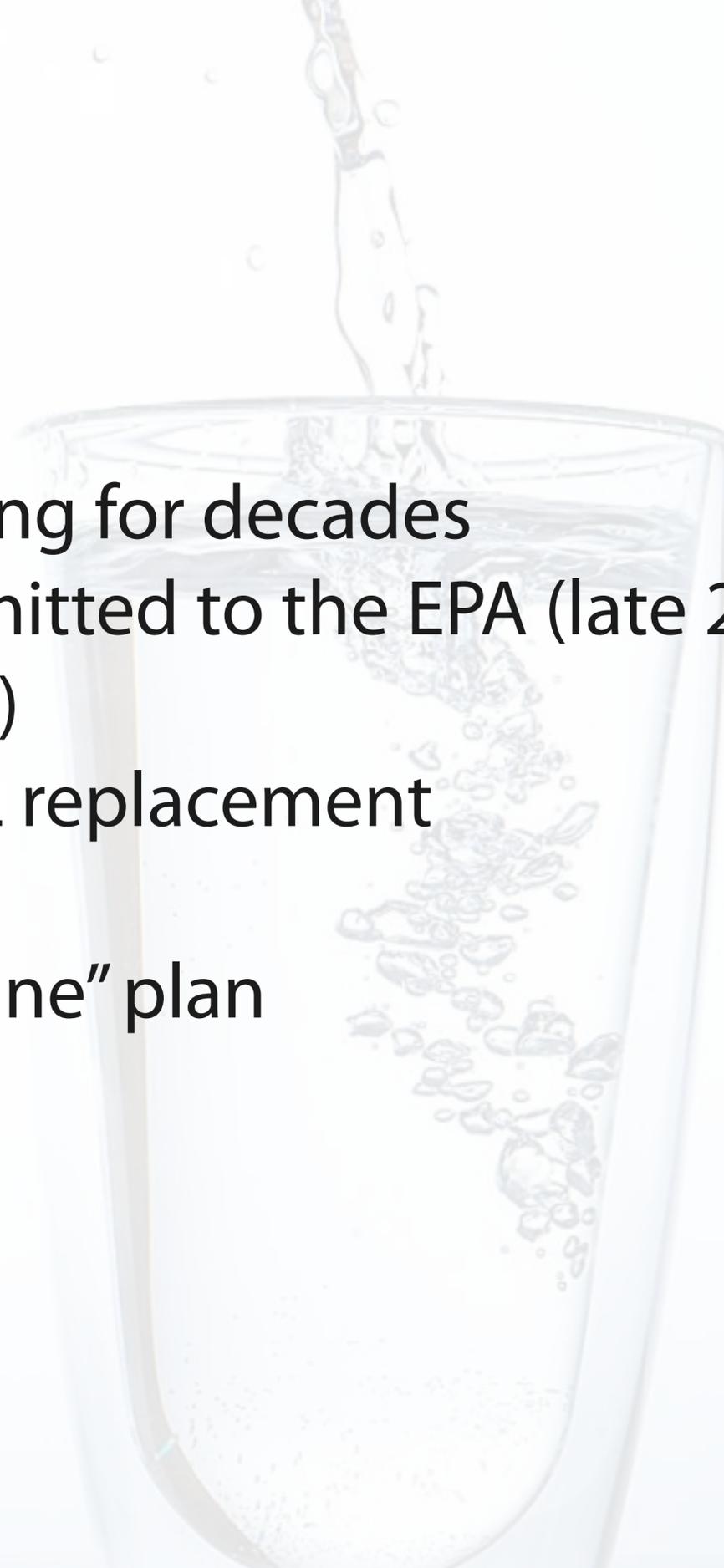
The City of Bexley has steadily been replacing lead service lines in conjunction with our water main projects for many years.

Additionally, the City is working toward the following goals as part of the Water Service Line Inventory Program:

- Informing future water line improvement projects;
- Identifying which specific households have service lines that need of eventual replacing; and
- Preparing for a lead service line replacement loan program for qualifying Bexley households.

Where We Are In the Process:

- City-side lead line replacement has been ongoing for decades
- Initial lead service line inventory has been submitted to the EPA (late 2024)
- Private inventory process has started (late 2024)
- Developing programs to incentivize private LSL replacement
- Finalization of inventory (by late 2027)
- Creation of 10+ year plan - or - “Deferred Deadline” plan



City Inspections of Water Lines



● Galvanized ● Copper ● Plastic

Self-Inspections of Water Lines



● Galvanized ● Copper ● Plastic

Service Lines by the Numbers:

Total Residential Service Lines	4,382
Private Galvanized Inventory Estimate (based on 28%)	<hr/>
Estimated City-owned LSLs	+/- 1,800
City-owned LSLs replaced to date	+/- 2,600

Private Galvanized Needing Replacement Pilot Program Loan Proposal

- **Eligibility:**
 - Must be an owner-occupant
 - Service line must be “Galvanized Requiring Replacement” per EPA
- **Maximum Loan:** \$4,000 and no more than 80% of the total cost of the replacement
- **Interest rate:** Based on OWDA benchmark, set by Auditor
- **Loan Period:** 10 years
- **Contractor:** City-selected contractor based on bulk/formula pricing
- **Subject to Fund Availability:** First come, first served

S. Remington Max Program Cost Projections - 2025:

Service Lines on S. Remington water main project +/- 140

% of Galvanized Requiring Replacement based on current data +/- 40%

S. Remington maximum loan amount based on estimates: \$224,000

Total Maximum Pilot Program Cost Estimates

North Columbia

\$20,000

South Remington

\$224,000

Maximum Total:

\$244,000

Loan Program Cost Projections - Long Term:

Total Residential Service Lines 4,382

Private Galvanized Inventory Estimate (based on 28%) 1,227

Maximum loan amount based on estimates: \$4,908,000

Additional Considerations:

- We should consider requiring private LSL replacement whenever we replace a main or City-side service line
- Some cities have passed ordinances requiring replacement of private LSLs within a set period of time of discovery



Questions & Discussion