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For program related questions,
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City of Dayton Department of Water

Service Line Compliance Program

**IMPROVING YOUR NEIGHBORHOOD
WATER INFRASTRUCTURE**

Letter from the Director

Recently, new requirements have emerged for the replacement of lead service lines across the country. While Dayton doesn't have lead in our drinking water, those individuals with lead service lines on their property could be exposed to lead as a result. The only way to neutralize this risk is by finding the remaining lead service lines and working to replace them as soon as possible.



The Department of Water has been hard at work preparing for this initiative and we need your help. Everyone in the Dayton community will be asked to *Know Your Pipes* by performing a few simple tests with common household items to help us create a Service Line Inventory for the Dayton water system.

We are pleased to present the information in this guide to help everyone in the community better understand the work we will be doing in the coming months to make lead pipes a thing of the past.

If you have any follow up questions after reviewing this information, please don't hesitate to reach out to our team.

Thank you,

A handwritten signature in black ink that reads "Michael Powell". The signature is fluid and cursive.

Michael Powell
Director, City of Dayton Department of Water



Guidelines & Requirements

Background

The Environmental Protection Agency (EPA) requires states and public water systems to protect drinking water. Furthermore, the Safe Drinking Water Act (SDWA) requires the EPA to establish and enforce standards that public drinking water systems must follow. Information about the SDWA can be accessed at [epa.gov/sdwa](https://www.epa.gov/sdwa).

Implementation

Local water systems will need to take complete lead service line inventories in order to achieve 100% removal of lead service lines. The goal will be to replace all lead service lines as quickly as feasible.

There will be tap sampling requirements to identify locations with elevated lead, whether the source is lead service lines or leaded plumbing materials within a residence or business. There will be a priority for removing lead service lines in communities disproportionately impacted by lead in drinking water.

For more information on the Lead and Copper Rules from the Ohio EPA, please visit [epa.ohio.gov](https://www.epa.ohio.gov) and use the following navigation:

Divisions and Offices > Drinking and Ground Waters > Public Water Systems > Lead and Copper in Public Water Systems

Compliance Program Process

The City of Dayton Department of Water will take the following steps toward eliminating lead service lines from our community as part of the EPA's nationwide program.

Service Line Inventory

Much of the Dayton water system does not contain lead pipes and we do not have lead in our drinking water. However, we need to determine where lead lines exist so that they can be removed. We are working to create a Service Line Inventory of the water system to identify and catalog both the public and private sides of each service line. The results will be published online as an interactive map.

Key activities to aid in the development of the Service Line Inventory include:

Service Line Field Investigations

Based upon existing service line data, field investigations will be made at select residences across the Dayton water system to assess the pipe materials for both the public and private sides of the service line. Residents will be notified in advance to gain approvals to conduct field investigations on their private property.

Service line materials will be visually inspected and confirmed using vacuum excavation to dig small holes on the resident's property and crews will restore affected areas after the inspection is completed. Results from the inspections will be reported back to customers with information on how homeowners can replace their line if lead pipes are discovered.

Know Your Pipes

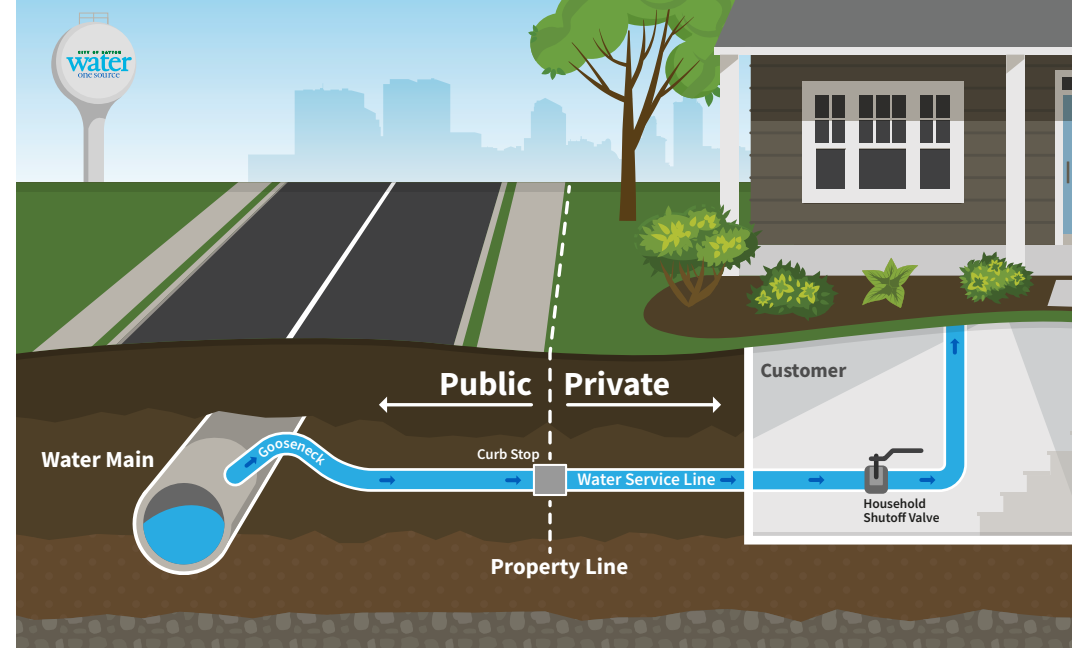
This educational program uses a quick, 5-minute online survey to walk customers through the process of identifying the type of pipe used in their home water service line and submitting this information to Dayton Water. More about this program can be found on page 6.

Public Service Line Replacement

Based upon the Service Line Inventory information, City of Dayton Water teams will begin replacing public service lines in a phased approach across identified areas. The Lead and Copper Rule Revisions only require that the City of Dayton pays for the replacement of lead service lines on public property.

However, the City of Dayton is working to identify all lead service lines to apply for federal funds, and the City may be able to assist customers with the cost of replacing the service line on private property.

If you have any questions or require more information on the Service Line Replacement Program, please contact us at SLCP@daytonohio.gov.



Understanding Your Water Service

Where is your water service line?

Your water service line is the below ground pipe that connects your home to the public water main located in the street. Each service line has a designated “public” and a “private” side.

Who owns the water service line?

The City of Dayton Water maintains the public section of the service line that runs from the water main to the property line. The homeowner is responsible for maintaining the private section that runs from the property line into the home, as well as any internal plumbing, faucets, or fixtures.

What materials make up the water service line?

Water service lines can be made of lead, copper, galvanized steel, or plastic.

For field investigations, what is vacuum excavation?

Vacuum excavation uses a blast of water to loosen a small area of soil over the water service line followed by a vacuum to remove the loosened soil. This will be done on both sides of the water meter. Once this is complete, the pipe material information will be recorded, the soil will be replaced, and restoration will occur as needed to the affected area.

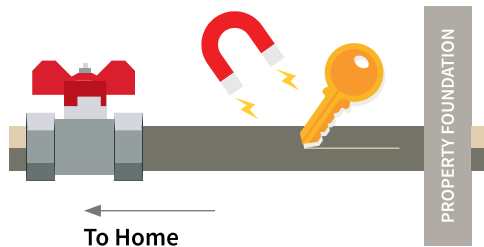
How to Check Your Service Lines for Lead

We are asking Dayton residents to submit information on their water service line material. This information will help us create a Service Line Inventory to support our efforts to replace all lead service lines in our community.

To do your part, we have created an online survey to help us identify the type of water pipe used in your home.

The quick, 5-minute survey provides step by step instructions on how to find your main water pipe. After you find the place where it comes into the house, report what color the pipe is on the survey.

Then scratch the pipe with a coin or key and check to see if a magnet will stick to it.



Lead is dull, very soft, and will turn a shiny silver color when scratched.

Magnets will **ONLY** stick to steel. They will **NOT** stick to lead or copper.

To complete the survey, submit a photo of your pipe. It's a quick and easy way to help us improve our water infrastructure.

Quick Steps to Get Started



To take the survey, scan here with your smart phone or visit daytonohio.gov/KnowYourPipes

What you will need:

- Cellphone with camera
- Coin or key
- Strong refrigerator or other magnet



Health Facts & FAQs

How does lead get into my drinking water?

The most common cause of lead in drinking water is the corrosion of plumbing fixtures and solders containing lead. There is no detectable lead in the drinking water supplied to the water distribution system by the City of Dayton, Department of Water. The City of Dayton Water Quality Laboratory extensively samples and tests drinking water from sites throughout the distribution system to ensure contaminants like lead are not present in drinking water.

In addition, the treatment process adjusts the pH level and mineral content to deliver non-corrosive drinking water to the distribution system. As a precaution, lead usually can be eliminated from drinking water by allowing cold water to run until it gets as cold as possible before using the water for drinking or cooking.

What are the risks of lead exposure?

Lead can cause a variety of adverse health effects when people are exposed to it. These effects may include increases in the blood pressure of some adults; delays in normal physical and mental development in babies and young children; and deficits in the attention span, hearing, and learning abilities of children.

Can I get my water tested for lead?

Yes, and it is free. For more information on testing your water, call Dayton's Division of Water Supply & Treatment at (937) 333-6030.

Will Dayton replace my lead service line?

Lead service lines on a customer's property are not part of the public water system and are the responsibility of the property owner. The private side of the service line is owned and replaced at the expense of the property owner. The City of Dayton strongly advises that you contact a licensed plumber for work on your service line. The Department of Water typically replaces the service line from the water main to the property line (or curb stop).

For more information, visit AWWA.org.