



### Harmony Lead & Galvanized Water Service Line Replacement Program

The City of Harmony provides water service to about 612 properties. Of these, about 10 property owners have been notified as having lead or galvanized water service pipes needing replacement per federal requirements and have been selected for this improvement. The City of Harmony has partnered with the Minnesota Department of Health, Minnesota Public Facilities Authority, and engineering consultant Stantec to inventory and systematically replace lead and galvanized water service lines throughout the community.

#### What Is a Water Service Line?

The water service line is the pipe that connects the water main (typically in the street) to your home or business. It usually enters your home through the basement and connects to the water meter.

- **Ownership:** By City/ Utility Code, the property owner owns the entire service line, and it is their responsibility to maintain or replace.



#### Replacement Program Overview

- Lead and galvanized service lines will be replaced at **NO COST** to the property owners who participate in this program.
- Property owners with lead or galvanized water services would work with the City of Harmony and participate in this important public health program.

#### What the Lead Service Line Replacement Program includes:

- Inspecting current water service lines to identify pipe materials.
- Developing a full system inventory of water lines.
- Replacing lead and galvanized service lines (plan to replace approximately 10 lines)
- Post-installation testing



### Project Timeline

- **Harmony's goal:** Prepare construction plans for water service replacements between January and April 2026. Bid water service replacement improvement in May – June 2026. Initiate water service replacement in the summer of 2026 and complete water line replacements by the end of 2027 or early in 2028.

### Is Your Service Line Made of Lead?

In 2024 and 2025 residents were asked to complete a brief online survey or schedule an inspection to verify the material of their water service line. Homes built **before 1979** may have lead service lines. Plumbing installed **before 1986** may have used galvanized pipes and lead-based solder, both of which can impact water quality.

### How to Check for Lead or Galvanized services in your home:

1. Review Map: Look up your address in the [interactive map](#) or <https://maps.umn.edu/LSL/> What does it mean if your service material says unknown? "Unknown" means our records for your address do not show material type for your water service line. As part of this project, BPPU staff are actively working to resolve "unknowns" and ensure those with lead or galvanized services can participate and ultimately be replaced.
2. Material Test
  - Lead Pipe - Look for a dull gray, soft pipe extending through the basement floor and leading into the water meter that:
    - Reveals a shiny silver color when scratched with a key or screwdriver
    - Does not attract a magnet
  - Galvanized Pipe – Look for a solid gray colored pipe that is magnetic, extending up through the basement floor and leading into the water meter.

**Do you want to see how the actual lead service line replacement works?** Watch [this video](#) or <https://www.youtube.com/watch?v=HVpmxVeBX08> to see the process in action, including what happens before, during, and after replacement.

**Disclaimer:** [This video](#) provides a general overview of the Lead Service Line Replacement process and is intended for educational purposes only. Please note that water service installations can vary depending on geographic location. In northern climates like Minnesota, water service lines are typically buried deeper underground to protect against frost and usually enter homes beneath the basement floor slab, rather than through the basement wall. Actual installation methods may vary based on site-specific conditions.

### Health & Safety Information:

#### What Are the Health Effects of Lead and How to Reduce Exposure?

The Minnesota Department of Health is a key source of information to learn more about the health effects from lead exposure and what steps can be taken to reduce exposure:

- [Lead in Drinking Water - MN Dept. of Health](#)



## Program Summary Document

If you've received a notification letter by mail indicating you have a lead or galvanized water service, the links referenced in your letter are provided below:

- **MN Lead Inventory Tracking Tool:** [Minnesota Service Line Material Tool](https://maps.umn.edu/LSL/) (<https://maps.umn.edu/LSL/>)
- **How to check your service line for lead:** [Protect Your Tap: A Quick Check for Lead](https://www.epa.gov/ground-water-and-drinking-water/protect-your-tap-quick-check-lead) (<https://www.epa.gov/ground-water-and-drinking-water/protect-your-tap-quick-check-lead>)
- **Home Filters:** [Consumer Tool for Identifying Point-of-Use and Pitcher Filters Certified to Reduce Lead in Drinking Water](https://www.epa.gov/water-research/consumer-tool-identifying-point-use-and-pitcher-filters-certified-reduce-lead) (<https://www.epa.gov/water-research/consumer-tool-identifying-point-use-and-pitcher-filters-certified-reduce-lead>)
- **Accredited Labs for Lead Testing:** [Minnesota Department of Health accredited laboratory](https://eldo.web.health.state.mn.us/public/accreditedlabs/labsearch.seam): (<https://eldo.web.health.state.mn.us/public/accreditedlabs/labsearch.seam>)
- **How Lead gets in Drinking Water:** [How lead gets into drinking water](https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water#getinto) (<https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water#getinto>)
- **Water Treatment Options:** [Home Water Treatment](https://www.health.state.mn.us/communities/environment/water/factsheet/hometreatment.html) (<https://www.health.state.mn.us/communities/environment/water/factsheet/hometreatment.html>)
- **Blood Lead Test Info:** [Lead Information for Families](https://www.health.state.mn.us/communities/environment/lead/families.html) (<https://www.health.state.mn.us/communities/environment/lead/families.html>)
- **MDH Lead in Drinking Water:** [Lead in Drinking Water](https://www.health.state.mn.us/communities/environment/water/contaminants/lead.html) (<https://www.health.state.mn.us/communities/environment/water/contaminants/lead.html>)

**Harmony's Lead Service Line Replacement Program Enrollment & Construction Process:** A letter from the City of Harmony detailing the enrollment process and including the Access Agreement will be mailed to the home of all 10 impacted properties.

**Step 1: Schedule a Pre-Design Appointment** - Provide access to the water meter inside your home. Stantec or City Staff will verify your water service material is lead or galvanized pipe and take measurements and photos to facilitate contractor bidding and reconstruction.

- Book an Appointment: See Letter from City of Harmony or call / email Brett Grabau (Stantec – Consultant Engineer) at 507-529-6030 or [brett.grabau@stantec.com](mailto:brett.grabau@stantec.com)

**Step 2: Sign the Access Agreement** - Property owners must sign a form allowing the City to perform work on their property.

### Step 3: Construction and Replacement of Water Service Line

- Work is scheduled between spring and fall of 2026 and 2027.
- Notification letters will be provided to impacted property owners 2-4 weeks prior to construction. Letters will include contractor contact information, tentative construction schedule and additional details about service line reconstruction.
- Most replacements are completed within one or two days.
- Only the portion of water service line that is lead or galvanized pipe will be replaced as part of the project. Some properties will require replacement of the water service between:



## Program Summary Document

- the watermain (in the street) and the curb stop (located near the property line)
- the curb stop to the water meter (typically in your basement)
- the water main to the water meter
- Crews may dig 2–3 small areas (street, property line, possibly near your foundation) depending upon what section(s) of the water service require replacement.
- Saw cutting and removal of a section of the basement floor or wall will be required at a minimum to replace the water service from the curb stop to the water meter.
- Service line will be replaced with new copper or plastic pipe from watermain to curb stop and / or from curb stop to water meter. Water service line replacement will be completed using trenchless construction methods within private property where feasible and the contractor will be instructed to limit property impacts both inside and outside all structures.
- Inspectors test lines after installation.
- Water Filtration Pitcher will be provided to residents for use for 6 months following water line replacement.
- As part of the project, property disturbed by construction will be restored to match preconstruction conditions where feasible. Outside restoration may include topsoil placement and seeding of grass areas on the property, driveway and walk, trees, landscape and plantings. Interior restoration may include concrete floor patch or wall penetration repair, temporary salvage and reinstallation of equipment obstructing replacement of water service, restoration of flooring (concrete, tile, wood, carpet), sheet rock / plaster, painting, trim, etc. The project excludes internal plumbing work (including fixtures) beyond reconnection of water service pipe to the water meter.

### **Step 4: Post-Replacement Flushing Of Your New Water Service Line.**

#### **Immediately After Installation:**

- Run all cold-water faucets for 30 minutes
- Start at the lowest level, then work upward
- Shut faucets off in the same order
- A City representative and / or Contractor will review the flushing process with property owners on the day the work is completed.

#### **Next 30 Days:**

- Flush your plumbing for 5 minutes each morning before use
- Clean faucet aerators weekly

### **Can I Replace My Lead Line Now?**

Yes. Property owners may choose to hire a contractor and replace their privately owned service line at any time and at their own expense. **Note:** The City's Lead Water Service Replacement Program funding is only available for replacements conducted as part of Harmony's scheduled project.

### **Questions?**

Call or email Brett Grabau (Stantec – Consultant Engineer) at 507-529-6030 or  
[brett.grabau@stantec.com](mailto:brett.grabau@stantec.com)