

THE EPA LEAD AND COPPER RULE

Is requiring all water districts in the United States to survey customer service lines.

PWSD #2 Andrew County is conducting a lead service line inventory. In performing the lead service line inventory, we need to know the material composition of both the publicly owned (water system-owned) and privately owned (customer-owned) portions of the service line. **We are requesting your help in this identification process.** Service lines can be made of many materials, such as plastic, copper, PEX, HDPE, galvanized, lead, etc. **To complete our inventory, we are required to record the material composition of your service line, even if it is not made of lead.** The material type must be reported to the Missouri Department of Natural Resources (MoDNR) as required by regulation. When reporting to MoDNR, we are required to provide the material of our portion of the service line as well.

There are several ways you can identify your service line material:

- If you had your service line installed or replaced and remember when, and what it is made of, you can let us know. If you have a record of what the service line is made of, such as an invoice from the person who performed the installation or replacement, that would be even better.
- The age of your home may indicate if a lead service line is present. The lead ban in Missouri was effective Jan. 1, 1989. The ban prohibited the use of lead in potable water applications after this date. If our home's construction was after the lead ban, most likely the service line is not lead.
- If you don't know the material composition of your service line, you can perform a visual inspection. The performance of a visual inspection starts where the service line enters your home. This is normally where it enters through the foundation of basement wall. Plastic, such as PVC, HDPE, PEX, etc., is easy to identify because most people have come in contact with it the past. When new, copper appears shiny, like a new penny and green when older and weathered. Galvanized pipe appears as silver-gray when newer and gray to rust when old. Lead appears as gray to a blue-gray color, and when scratched, lead becomes shiny like a new nickel. A magnet will not stick to lead but will stick to steel. Lead service lines can also have a wiped lead joint or bulb at locations where it attaches to other metals, or fittings which actually look like a snake that just ate something. You can use these techniques to identify your service line material. We can provide pictures of what these materials look like upon request, or you can go to the MoDNR website and access the web page that specifically addresses lead service line inventories at dnr.mo.gov/water/business-industry-other-entities/technical-assistance-guidance/lead-service-lines.
- If you are renting, you can ask the owner or manager what the service line material is. They can use the same techniques listed above to make a material determination if they don't know.
- With your permission, we can help you investigate to determine the material used for your service line.
- If your service line is made of lead, we can provide you information concerning the following:
 - » Health effects of lead in drinking water
 - » Things you can do to reduce the amount of lead in your drinking water.
 - » Information on conducting a lead service line replacement.
 - » Financial opportunities to pay for the replacement.

When we conduct the lead service line inventory, we will use the information you provided as the determination for the customer-owned portion of the inventory. We also search our records, such as tap cards, meter cards, as-built plans and specifications, plumbing codes, maps, historical records, inspection records, ordinances, etc., to determine the material composition of the publicly owned portion of the service line.

While the records search can identify the materials of many of our services, there will be those that remain unknown. When this is the case, we will perform basic visual examinations. A visual examination of the meter box may allow the identification of the service line material on both sides of the meter. In some instances, this will not work if the water system is providing corrosion-controlled treatment or has hard water. The last resort is to perform an excavation to examine the materials used in the service line. This examination is performed by traditional open-trench excavation.

Please contact us to report your service line material or to request our help identifying your service line material. The lead service line inventory is a huge undertaking for our water system and your help is greatly appreciated.

PWSD #2 Andrew
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**Please Complete & Return This Survey.
If you have any questions please call
816-378-3395.**

IMPORTANT!

Service Address _____

Are you the: Owner Tenant Property Manager Other

Your Name _____

Phone Number (optional) _____

Email Address (optional) _____

May we add your contact information to our customer database? Yes No

Is this a residence, business, barn, or other structure?

Please indicate other structure _____

What year were the water lines established in the structure, if known. _____

Service line material at the point of entry (inlet) to your home?

Lead Copper Galvanized Other (Plastic/PVC/Pex/etc.)

PIPE MATERIAL	SCRATCH COLOR	DOES MAGNET STICK?
LEAD	SHINY SILVER	NO
COPPER	ORANGE (PENNY)	NO
GALVANIZED STEEL	DULL GRAY	YES
PLASTIC	N/A	NO

Has the line from the water meter to your home/facility been replaced?

Yes No

If yes, please provide the date and material used for replacement.

Optional – please email a photo of the water line entering your home from the meter to:
pwsd2andrew@gmail.com

Please contact District Office if you need assistance with this request.
816-378-3395 or pwsd2andrew@gmail.com

Thank you for helping our utility meet compliance with the EPA regulation.