

Cass County Public Water Supply District No. 10

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To comply with EPA regulations, our public water system (PWSD #10) is conducting a lead service line inventory. In performing this inventory, PWSD #10 needs to know the material composition of all lines—both those owned by the water system and those privately owned. More information on the EPA's regulations related to the inventory can be found at <https://www.epa.gov/ground-water-and-drinking-water/revised-lead-and-copper-rule>.

To comply with this mandate, PWSD #10 is requesting your help in the process of identifying the materials of the customer-owned water lines within the District. Service lines can be made of many different materials such as plastic, copper, PEX, HDPE, galvanized steel, lead, etc. The regulation requires that PWSD #10 record the material composition of your service line, whether it is made of lead or not. The material types in service lines of both PWSD #10 and the privately-owned service lines of its customers must be reported, as required by regulations, to the Missouri Department of Natural Resources (MoDNR).

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

- If you installed/replaced or contracted the installation/replacement and know (or have an invoice with the information) when the installation/replacement was done and the material of the new line, you can provide that information to PWSD#10.
- The age of your home may indicate whether or not it is likely that a lead service line is present. The lead ban in Missouri became effective January 1, 1989. The use of lead in potable water applications after that date was prohibited. Therefore, if your home was constructed after the lead ban, it is 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 to make that determination. This inspection begins where the service line enters your home—usually through the foundation or basement wall. Plastic, such as PVC, HDPE, PEX, etc., is easily identified since most people are familiar with those materials. New copper appears shiny like a new penny and becomes green as it ages and weathers. New galvanized pipe appears silver-gray and then gray to rusty as it ages. Lead has a gray to blue-gray appearance and becomes shiny like a new nickel when scratched. A magnet will not stick to lead, but will stick to galvanized steel. Lead service lines might also have a wiped lead joint or bulb at locations where it attaches to other metals or fittings and appears as a bulge. The MoDNR website has additional information that specifically addresses lead service line inventories at <https://dnr.mo.gov/water/business-industry-other-entities/technical-assistance-guidance/lead-service-lines>.
- If you are a renter, your landlord may know the material of the service line or, if not, can use the same techniques listed above to make the determination.
- If your service line is made of lead, PWSD #10 can provide you information concerning the following:
 - Health effects of lead in drinking water
 - Actions you can take to reduce the amount of lead in your drinking water

While conducting the lead service line inventory, the District will use the information you provide as the determination for the customer-owned portion of the inventory, and will conduct a search of its records to determine the material composition of the District-owned portion of the service line. The lead service line inventory is a huge undertaking for our water system and your help is greatly appreciated. Please submit your survey by **June 1st, 2023**.

Thank you!