

Public Water Supply District No.9

25902 S Southwood Rd.

Harrisonville, MO 64701

(816)380-7490

Email: pwsd9@casscountypwsd9.com

Website: www.casscountypwsd9.com

In order to comply with the EPA's Lead and Copper Rule Revisions, our public water system is required to conduct a service line inventory. In performing this inventory, PWSD9 needs to know the material composition of all lines, both publicly owned (water-system-owned) and privately owned (customer-owned) portions of the service line. More information on the EPA's regulations related to the inventory can be found at: <http://www.epa.gov/ground-water-and-drinking-water/revised-lead-and-copper-rule> .

To comply with this mandate, PWSD9 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 PWSD9 record the material composition of your service line, even if it is not made of lead. The material types in the service lines of both PWSD9 and the privately-owned service lines of its customers must be reported, as required by the 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 PWSD9.
- The age of your home may indicate if a lead service line is present. The lead ban in Missouri was effective January 1, 1989. The ban prohibited the use of lead in potable water applications after this date. If your home's construction was after the lead ban, the service line is most likely 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 easy to identify because 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 blue-gray appearance and becomes shiny like a new nickel when scratched. A magnet will not stick to lead, but it 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/document-search/how-identify-your-water-service-line-material-pub3052>

- If you are renting, your landlord may know the material of the service line. If not, you can use the same techniques listed above to make the determination.
- If your service line is made of lead, PWSD9 can provide 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
- When we conduct the lead service line inventory, we will use the information you provide as the determination for the customer-owned portion of the inventory. We will conduct a search of our records to determine the material composition of the publicly owned portion of the service line.

The lead service line inventory is a huge undertaking for our water district and your help is greatly appreciated. Please submit your survey by (insert date here). Thank you!