



KCWATER

Drinking Water Service Line Inventory

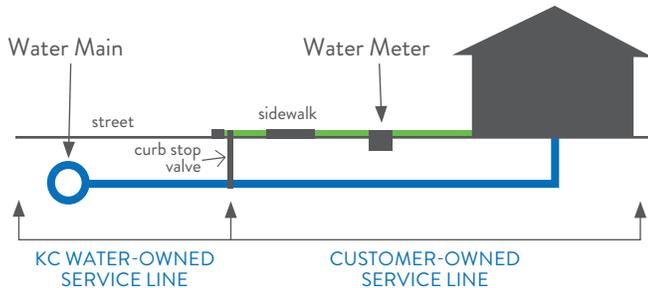
On December 16, 2021, the United States Environmental Protection Agency (EPA) published the Lead and Copper Rule Revisions (LCRR) in the Federal Register to better protect public health. To fulfill new federal requirements, the City of Kansas City, Missouri along with other water utilities in our region and across the country, are part of a national effort to assure the quality of the nation’s drinking water. Kansas City takes the safety of drinking water seriously and it’s the top priority of the KC Water Department.

What is the Drinking Water Service Line Inventory?

In 1989, lead was banned as a pipe material for water service lines in the state of Missouri. Buildings constructed after that date will not have lead service lines. If a building was constructed before 1989 that does not mean it has a lead service line. **Most do not**, but it is possible.

WATER SERVICE LINES

Water service lines are privately-owned from the curb stop valve to the home and connect properties to Kansas City’s infrastructure to provide drinking water directly to homes and businesses. Water meters are typically in the house or in the yard after the curb stop valve.



To continue assuring the safety of the Kansas City’s drinking water supply, KC Water is undertaking this initiative to identify materials used in service lines across the city. Service lines are the pipes that connect from water main pipes to buildings and houses (see graphic).

The results of the initial inventory, a list of what material current services lines are made of based on historical records, will be available on an online map for customers to look up known service line materials identified, to date. Initial inventories and an online map of results from cities and municipalities throughout the nation are due October 2024.

How will the inventory be created?

Kansas City has over 176,000 service lines and the city is over 100 years old. It is a huge undertaking to find and review historical records for all the service lines. Given the size and age of the city, the initial inventory will likely contain many “unknown” lines – ones where the material can’t be identified from current records. After the inventory from historical data is complete, KC Water will continue with a multi-year program to identify unknown service line materials.

→ The drinking water treatment facility, operated by KC Water, includes a water softening process. The primary process utilizes lime which reduces the reactivity of your water. In addition to that safeguard, phosphates are added to the water as a corrosion inhibitor to prevent metals from leaching into drinking water.

→ KC Water has a dedicated team of licensed professionals and a certified laboratory that continuously tests the drinking water. Sampling happens on a daily, monthly, and annual basis to provide safe drinking water. *Consumer Confidence Reports* are available annually around July 1.



Step 1
(Now- Fall 2024)

Historical Record Collection



Step 2
(October 2024)

Online, Searchable Map published by October 16, 2024



Step 3
(October 2024 & beyond)

Confirm Accuracy of Data and Classify Unknowns



<https://www.kcwater.us/education/servicelineinventory>
Email: water.servicelineinventory@kcmo.org