



Frequently Asked Questions

Lead and Copper Rule Revisions (LCRR)

General

What is the Lead and Copper Rule?

- In 1991, EPA published a regulation to control lead and copper in drinking water. This regulation is known as the Lead and Copper Rule (also called the LCR).
- The rule requires water systems to monitor the lead and copper levels at the tap inside customers' homes and conduct additional actions if elevated levels of lead or copper are found.
- Since 1991 the LCR has undergone various revisions, with the Lead and Copper Rule Revisions in December 2021. The Lead and Copper Rule Improvements, which took effect in October 2024, add additional requirements for water systems, beginning with the service line inventory due on October 16, 2024.

Water Quality

Why Is Lead a Public Concern?

- It is important to know that our drinking water does not contain lead when it leaves your water treatment plant. The risk of lead entering drinking water usually comes from the corrosion of plumbing materials made with lead, usually found in older homes. These materials may include brass fixtures, copper piping, lead-based solder, and lead service lines.
- Lead solder was banned in 1989. Homes built before then may contain lead-soldered pipes. Corrosion or wearing-away lead-based materials can add lead to tap water, especially if it sits in the pipes long before use.
- You can read the EPA's guidance to learn more. [EPA – Lead-free plumbing](#). City, state and federal regulations, such as the Lead and Copper Rule Revisions, protect public health by minimizing lead and copper levels in drinking water.
- Even if you have lead pipes, it does not necessarily mean you have lead in your water. This is because the City of Danville treats your water with an additive as part of Corrosion Control Treatment, which prevents pipes from leeching metals into water.

- There are several easy steps you can take to reduce your exposure to lead in drinking water.
 - Run the water for 30 seconds before the first use of the day.
 - Use cold water for drinking, cooking, and preparing baby formula. If the home or business has existing lead internal plumbing, hot water may leach more lead into water than cold from its lines.
 - Regularly clean your faucet aerators (the screen that catches debris on the end of your faucet).
 - Use a filter that is certified to remove lead.
 - Remove any sources of lead by replacing your lead service line (if you have one) or interior plumbing and any older plumbing fixtures.
- Here are the health effects of lead, as determined by the EPA:
 - “Exposure to lead in drinking water can cause serious health effects in all age groups, especially pregnant people, infants (both formula-fed and breastfed), and young children. Some of the health effects on infants and children include decreases in IQ and attention span. Lead exposure can also result in new or worsened learning and behavior problems. The children of persons who are exposed to lead before or during pregnancy may be at increased risk of these harmful health effects. Adults have increased risks of heart disease, high blood pressure, kidney, or nervous system problems. Contact your health care provider for more information about your risks.”
- We encourage the community to reach out to us with any questions by emailing DanvilleInventory@hdrinc.com or calling 859-629-4865.

Is My Drinking Water Safe?

- Yes. The City of Danville continues to actively meet the rigorous drinking water standards set by the Kentucky Energy and Environment Cabinet’s Division of Water and the Environmental Protection Agency (EPA) each year.
- The City of Danville tests its water frequently for the presence of lead and other contaminants. We also filter and treat your water to ensure safe, quality water throughout the year. You can view our most recent Water Quality Report <https://www.danvilleky.gov/DocumentCenter/View/1149/2023-CCR---Danville?bidId=>

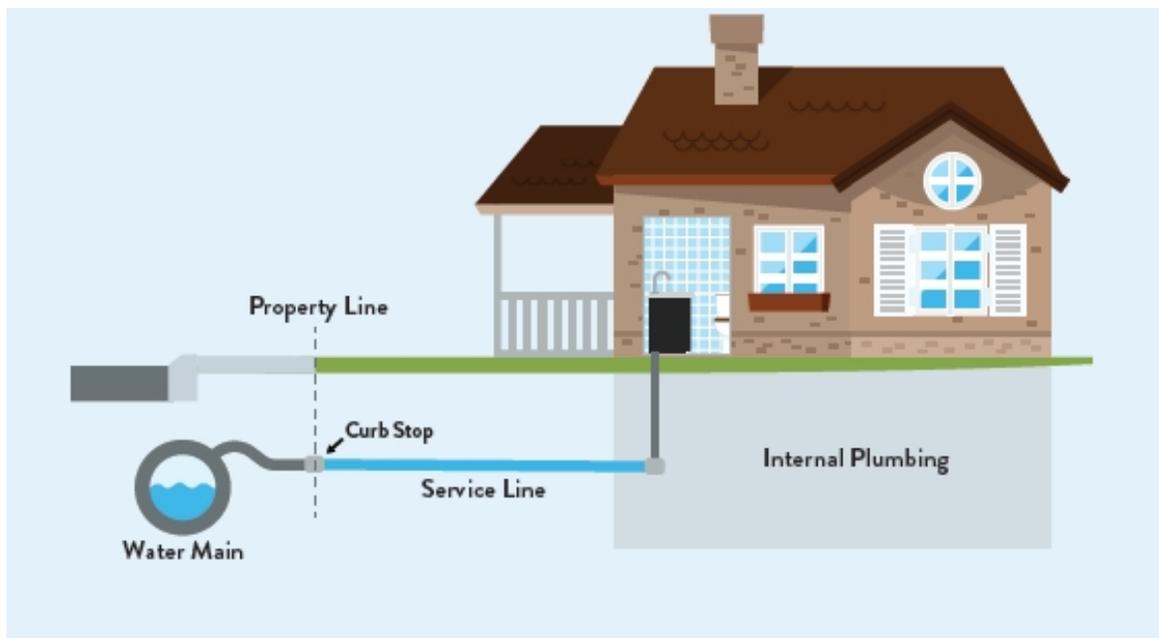
What is the City of Danville doing to comply with the EPA's federal mandate?

- This will vary by system. City of Danville will follow the EPA mandate and schedule of compliance.

Service Lines and Inventory

What Is a Service Line?

- A service line is a pipe that carries water from City of Danville 's water main through a water meter and then to a property.



Why Is the City of Danville Inventorying Service Lines?

- As part of the EPA's Lead and Copper Rule Revisions, the City of Danville must identify and categorize all water service lines in the City of Danville's service area. This inventory will identify both customer-owned and utility-owned portions of the water service line.
- The inventory will be made publicly available online. Over time, the City of Danville will continue to update the inventory.