

## Lead and Copper Tap Water Sampling Instructions

### For Tier 3–5 Sampling Locations

Per National Primary Drinking Water Regulation: 40 CFR §141.86(b)

#### Why You Are Receiving This Kit

Your home was selected for lead and copper testing under the updated Lead and Copper Rule Improvements (LCRI). A regulation requiring expanded testing and better public notification to reduce lead exposure in tap water. This testing helps ensure the safety of your drinking water and supports your water system's compliance with federal regulations.

#### What You Need to Do

You will collect a first-liter tap water sample from an interior cold-water faucet. Follow these instructions carefully to ensure accurate results.

#### Before Sampling – Important Preparation

- Choose a time when the water hasn't been used, **like first thing in the morning or after returning home from work.**
  - Do **not** use any water in your home (e.g., drinking, cooking, washing, flushing toilets) **for at least 6 hours** before collecting your sample.
- Do **not** remove or clean the faucet aerator.
- Do **not** run or flush the water before sampling.



#### Sampling at homes without lead service lines

#### Step-by-Step Instructions (First Liter Only)

##### Step 1: Use the Correct Faucet

- Use a **kitchen or bathroom cold-water tap** that is used regularly for drinking or cooking. **Do not** use a hose, laundry sink, outside spigot, or filtered tap.
- Choose a faucet without any filter or filtration system on it. Avoid faucets with a single handle that combines cold and hot water.

### Step 2: Label the Bottle

You have been provided with **one 1-liter bottle** that meets EPA standards.

- Write the following on the sample bottle:
  - Your **name and address**
  - **Date and time** of collection
- Bottle should be labeled as: "First Liter" (analyzed for lead and copper) by the water system

### Step 3: Prepare the Bottle

- Remove the cap and hold it under the faucet.

### Step 4: Collect the Sample

- After the 6-hour stagnation period, **turn on the cold water tap to a moderate, steady flow.**
- Immediately fill the bottle with the first liter of water that comes out of the tap.
- Cap the bottle tightly after filling.

### Step 5: Fill Out the Sample Form

Complete the included **chain-of-custody form**.

Include:

- Your contact information
- Date and time of collection
- Your signature confirming no water was used for 6+ hours prior to sampling

### Step 6: Return the Sample

- Contact your water provider for return instructions or to schedule a pickup.


### Reminders & What to Avoid

- ✗ **Do not use hot water** when sampling
- ✗ **Do not collect from a filtered tap or refrigerator dispenser**
- ✗ **Do not discard or delay returning the sample**
- ✗ **Do not use a faucet that is rarely used** — choose one used for drinking/cooking

### Questions?

[Water System Name]

 Phone: [Insert Number]

 Email: [Insert Email]

 Website: [Insert]

**Tap Sampling Documentation for Lead and Copper – First-liter only**

These samples are being collected to determine if there are any lead and copper levels in your household tap water. This sampling effort is required by the U.S. Environmental Protection Agency and the Kentucky Division of Water under the LCRI It is carried out in collaboration between your public water system and its customers.

To ensure accurate results, **samples must be taken from water that has remained unused in the plumbing for at least 6 hours.** Early mornings or evenings after returning home are the best times for collection.

**By signing, the customer acknowledges and confirms that they have completed the following actions.**

- Do not use any water at the collection tap (or nearby taps) for at least 6 hours before sampling.
- Use a cold water tap in a kitchen or bathroom that is used regularly for drinking.
- If your kitchen faucet is connected to a water softener or filter, use a bathroom tap that is not connected to any treatment devices.
- Do not remove the faucet aerator before collecting the sample.

**Step-by-Step Collection Instructions**

1. Water system staff will coordinate a time with you for delivery and pickup of the sample kit.
2. Avoid using water at the chosen tap for at least 6 hours before collecting your sample.
3. Use a cold-water faucet in the kitchen or bathroom. Avoid faucets with a single handle that combines cold and hot water
  - If your kitchen tap has a water softener or point-of-use filter, use a bathroom faucet that does not.
  - Do not remove the aerator before sampling.
4. Place the opened sample bottle under the faucet.
  - Turn on the cold water as you would normally to fill a glass of water. A moderate, str
  - Fill the bottle, then turn off the water.
5. Cap the bottle tightly and return it to the sample kit.
  - Review the sample kit label to ensure all information is correct.
6. Leave the sample kit in the same location it was delivered so staff can retrieve it
7. The water system must report sample results to customers within 30 days of receiving results. If excessive lead and/or copper levels are found, you will be notified within 1–2 business days after system learns of the tap monitoring results

**If you have any questions, please contact:**

Name: \_\_\_\_\_

Phone: \_\_\_\_\_

<b>TO BE COMPLETED BY RESIDENT</b>	
Water was last used: Time _____	Date _____
Sample was collected: Time _____	Date _____
Sample Location & faucet (e.g., Bathroom sink): _____	
Has any plumbing work been done in your home since last sampling event: _____	
I have read the above directions and have taken a tap sample in accordance with these directions.	
Resident Signature: _____	Date: _____