

# Sampling Drinking Water for Lead and Copper Compliance

For Sites WITH Lead Service Lines

PLEASE READ AND UNDERSTAND THE ENTIRE PROCEDURE BEFORE SAMPLING

1. Select a faucet that is commonly used for drinking water (**kitchen** or **bathroom** sink for residential samples) and is **not connected to (or bypasses) any kind of filter or treatment system**.

2. Water must sit idle in the pipes for at least **6 hours** before sampling, so it may be beneficial to mark the faucet with a DO NOT USE sign. At a residence, it is ideal to not use any water within the home during these hours. The best times to sample are early morning or after returning from work.

3. After at least 6 hours of stagnation, prepare to sample by placing the sample bottles in numerical order (**#1 - #5**) near the faucet. Remove all caps and place bottle #1 directly below the faucet. Gently open only the **COLD** water tap and fill the bottle to the base of its neck [Figure 1]. Do not underfill or pour any water out of the bottle.



Figure 1.

4. With a hand over hand type action, immediately place the bottle labeled “#2” under the running faucet and fill to the base of its neck. Continue filling all remaining bottles in this manner **WITHOUT** turning off the faucet between collections. Tightly recap all sample bottles and turn off the tap once the last bottle (#5) is filled.

Paragon Laboratories, Inc. 12648 Richfield Ct. Livonia, MI 48150 (734) 482-3800 www.paragonlaboratories.com	<b>CAUTION:</b> This bottle contains a preservative and/or is a laboratory test sample. Avoid contact with skin and eyes. Avoid ingestion and inhalation.
Sample ID : (A)	Date : (C)
Collected By : (B)	Time : (D)
Misc. Info. :	
Analysis : First Draw Pb & Cu, 1st Liter	Preservative : None

Figure 2.

5. Record the sample ID, sample collector’s name, and sampling date and time on the **labels** of bottles #1 and #5 [Items A-D in Figure 2] and on the **Chain-of-Custody (CoC)** [FORM-N0013A].

6. Complete the CoC with the appropriate contact information, WSSN, sampling location as written on the WSSN Schedule, and/or the physical address of the site being sampled. Be sure to note “1<sup>st</sup> Liter” and “5<sup>th</sup> Liter” as appropriate. These steps help ensure samples are reported in alliance with EGLE compliance requirements.

7. Carefully pack bottles **#1 and #5** (1<sup>st</sup> and 5<sup>th</sup> Liter) for transport to Paragon for analysis, and include this signed document and the completed CoC(s). Be sure the transport container is secure and samples are protected from leakage and damage. Pour out sample bottles #2 - #4 and either return to the laboratory (preferred) or discard. Note, **samples must be received and preserved by the laboratory within 14 days** of collection.

## ACKNOWLEDGEMENT

I acknowledge that I      **have** /      **have not** (check one) collected all submitted samples for Lead and Copper Analysis as summarized above. I understand that not collecting samples using the above procedure may jeopardize the validity of any results obtained.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

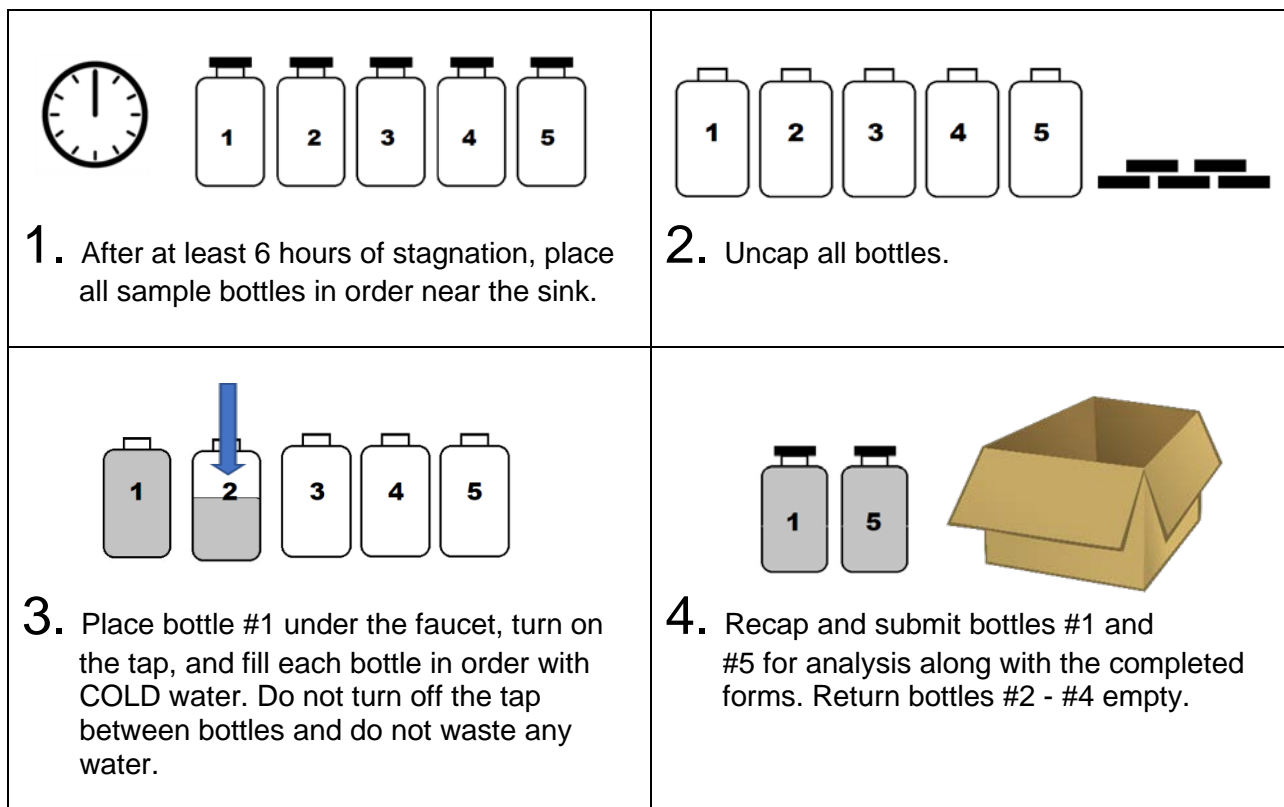
**Submit this document with the completed Chain-of-Custody Record that accompanies samples.**

# Sampling Drinking Water for Lead and Copper Compliance

For Sites WITH Lead Service Lines  
(continued)

## Reference Information

### SAMPLING DIAGRAM



### BOTTLES AND SUPPLIES

Provided Routinely: Five 1-L poly bottles per sample set

#### Revision History

Rev	Description of Change	Originator	Reviewer	Approver	Source File	Effective Date
0	Initial Release	AMD-315	KEJ-327	JMS-225	SOP-N0197-R0.docx	11/14/19