

Sampling Drinking Water for Lead and Copper Investigation

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. For “first-draw” collection, water must sit idle in the pipes for at least **8 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 8 hours of stagnation, prepare to sample by placing the sample bottle near the faucet. Remove the cap and place the bottle 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. Tightly recap the bottle and turn off the tap. Collect additional samples if prearranged with the laboratory [see NOTE].

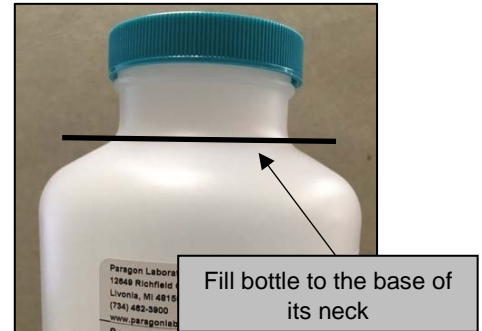


Figure 1.

4. Record the sample ID(s), sample collector’s name, and the sampling date and time on the **bottle label(s)** [Items A-D in Figure 2] **and** on the **Chain-of-Custody (CoC)** [FORM-N0013A]. Complete the CoC with the appropriate contact information.

5. Carefully pack sample(s) for transport to Paragon for analysis and include this signed document and the completed CoC(s). Be sure the transport container is secure and sample(s) are protected from leakage and damage. Note, **samples must be received and preserved by the laboratory within 14 days** of collection.

Paragon Laboratories, Inc. 12649 Richfield Ct. Livonia, MI 48150 (734) 482-3800 www.paragonlabs.com		CAUTION: 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. :		Preservative :
Analysis : First Draw Pb & Cu, 1st Liter		None

Figure 2.

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)

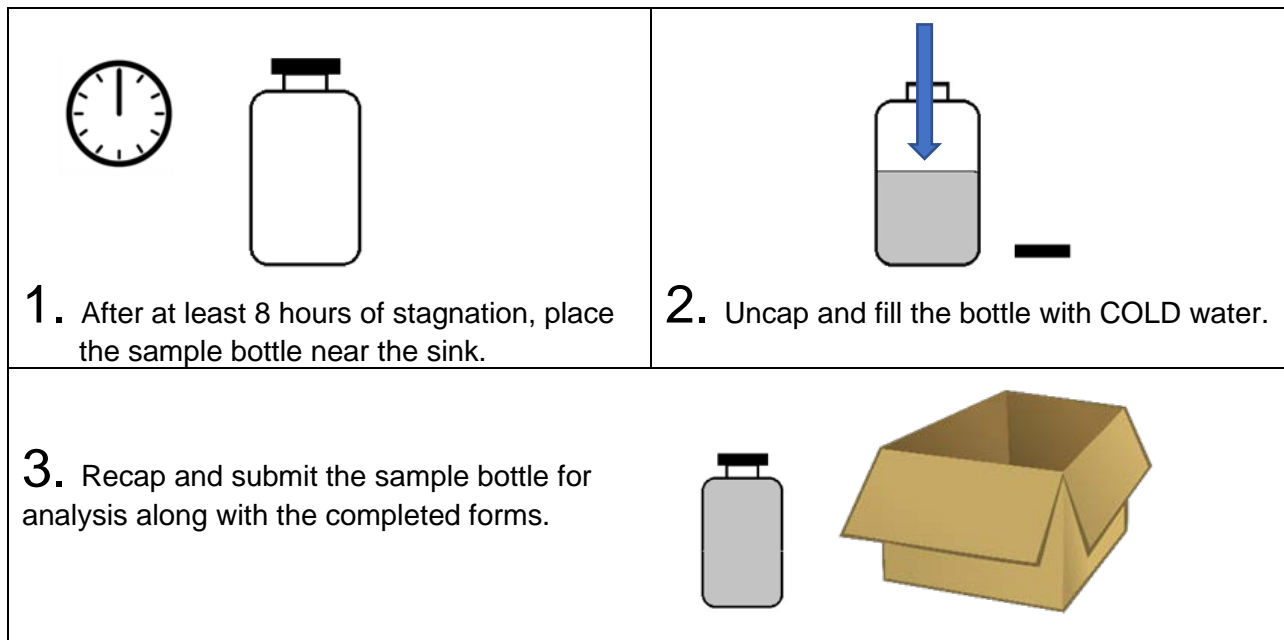
(Date)

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

Sampling Drinking Water for Lead and Copper Investigation (continued)

Reference Information

SAMPLING DIAGRAM



BOTTLES AND SUPPLIES

Provided Routinely: One 250-mL or 1-L poly bottle per sample

NOTE: This procedure is written for collecting the “first-draw” sample only. Any other sampling scheme must be prearranged with the laboratory to ensure that the proper number of bottles are provided.

Revision History

Rev	Description of Change	Originator	Reviewer	Approver	Source File	Effective Date
0	Initial Release	VAH-207	TMM-287	JMS-225	SOP-N0186-R0.doc	06/14/18
1	Removed Reference to EGLE Compliance Requirements. Reformatted to Improve Clarity.	AMD-315	KEJ-327	JMS-225	SOP-N0186-R1.docx	11/14/19