

## TAP WATER SAMPLING DIRECTIONS FOR LEAD & COPPER

Metals such as lead and copper can leach from pipes if the water is aggressive (dependent on pH, temperature, hardness and other factors). In order to collect a representative sample for lead and copper; please follow these directions carefully.

It is important that you do not use any water (from sink taps, toilets, showers, outside faucets, etc.) for at least six hours before you collect this sample. We are checking the water left stagnant in the pipes leading to the faucet over a 6 to 18 hour period. **Please make sure to allow the water to sit in the pipes for the required timeframe. Only one sample can be taken per sink per day.**

1. Decide the time of day you will collect the sample so that you can be sure the water has stood stagnant for at least 6 hours but NO LONGER than 18 hours. For example, if you decide to collect the sample at 6:00 AM, you should not use any water after midnight, or, if you leave for work at 8:00 AM, you may collect the sample when you come home (provided no water is used during the day).
2. Decide which kitchen or bathroom faucet you want to draw your sample from. It is preferable to choose the cold water tap used most often for drinking or cooking. The kitchen faucet is normally used. If you have a water softener on your kitchen tap, collect your sample from the bathroom tap that is not attached to a water softener, if possible. **Do not remove the aerator prior to sampling.**
3. Most people sample first thing in the morning. The evening prior to sampling flush the faucet to be tested a 10 to 15 minutes to empty the pipes. Be sure that the last time you used water from the chosen tap, it was running cold. Remove any filtration devices off the faucet until sampling is complete. **Do not remove or clean aerators prior to or during sample collection.**
4. A 1L poly bottle should be used for collection. When you are ready to collect the sample, remove the cap from the bottle, hold the bottle under the faucet, turn on the cold water and IMMEDIATELY and completely fill the bottle to the top. The container needs to be filled completely. **DO NOT ALLOW ANY WATER TO GO DOWN THE DRAIN BEFORE COLLECTING THE SAMPLE.** Replace the cap.
5. Complete Chain of Custody Documentation and labels with appropriate information and affix labels to sample containers.
6. Keep sample on ice and transport to laboratory facility as soon as possible.

### Care and Delivery of Drinking Water Samples

Samples must be kept cool, below 6°C, and transport them to the laboratory facility as soon as possible. If shipping is required, the sample must be sent by overnight delivery service. A cooler is recommended for shipping purposes. Samples must be iced and properly insulated against freezing, excessive heat, and breakage. The requisite fee must be paid by check or money order only (cash or credit cards are not accepted) at time of sample receipt by Eurofins Spectrum Analytical.

**Chain of Custody Documentation**

Owner of Property Sampled: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Report To: _____ _____	Invoice To: _____ _____
Telephone #: _____ Email: _____	Telephone #: _____ Email: _____

Lab ID:	Sampling Point:	Date:	Time:	Collected by:

Containers provided:

# of Plastic	_____
# of _____	_____
# of _____	_____

Tests Requested:

<input type="checkbox"/> Lead	<input type="checkbox"/> Copper
<input type="checkbox"/> Other	
_____	

Relinquished by: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

**Lab Use Only**

Temp °C	Condition upon receipt:  Custody Seals: <input type="checkbox"/> Present <input type="checkbox"/> Intact <input type="checkbox"/> Broken  <input type="checkbox"/> Ambient <input type="checkbox"/> Iced
Observed	
Correction Factor	
Corrected	
IR ID #	

Paid by Check # \_\_\_\_\_ Amount received: \_\_\_\_\_ Date: \_\_\_\_\_