



# A.W. RESEARCH LABORATORIES, INC.

## Drinking Water Sampling Instructions

*Below and on back of sheet are sampling instructions.*

*Please follow carefully and notice references made to bottle numbers.*

*Please call with any questions. 218-829-7974*

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### TOTAL COLIFORM BACTERIA SAMPLING INSTRUCTIONS

*For bacteria testing use bottle number 1 (see example on other side of this sheet). We recommend sampling from the primary drinking water tap. There is a white powder in the bottle for de-chlorinating, do not rinse out.*

#### 1. STERILIZE THE FAUCET:



Remove the aerator from the end of the faucet; make sure all the rubber seals are also removed.



Pour isopropyl alcohol onto a paper towel and clean the inside of the faucet.



If the faucet is metal, use a propane torch or lighter to burn the end of the faucet for 1 minute to further sterilize before bacteria testing.

#### 2. ALLOW THE COLD WATER TO RUN FOR 5-10 MINUTES BEFORE PROCEEDING.

#### 3. FILL BOTTLE:



Remove the seal. If you put the cap down, please make sure to place with threads up so as not to contaminate.



Do not touch the inside of the bottle or cap with your hands or anything else.



Fill the bottle to the 100 ml line. Immediately cap the bottle when done.

#### **4. IF YOU ARE SAMPLING FOR NITRATES OR OTHER ANALYTES, PLEASE FOLLOW THE INSTRUCTIONS ON THE OTHER SIDE OF THIS SHEET. →**

## Drinking Water Sampling Instructions Continued

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### **NITRATES, FLUORIDE, IRON, TOTAL HARDNESS AND MANGANESE SAMPLING INSTRUCTIONS**

*Use bottle number 2 for all tests.*

1. Run your cold water for 5-10 minutes, rinsing the inside of the sampling bottle several times.
2. Completely fill the sample bottle provided.

\*For iron and total hardness tests, take the sample after the softener if you want to know if the softener is working. Take the sample before the softener if you want to know what to set the softener at.

### **ARSENIC SAMPLING INSTRUCTIONS**

*Use bottle number 3 for Arsenic testing. Water sampled should be raw water (usually from an outside tap). The water should not run through a softener, hot water heater or any type of filter.*

1. Turn cold water on and allow to run for 5-10 minutes.
2. Completely fill the sample bottle provided.

### **COPPER AND LEAD SAMPLING INSTRUCTIONS**

*Use bottle number 4 for both copper and lead testing. Sample should be taken from drinking tap.*

1. Please allow water to remain in pipes for at least 8, but no more than 24 hours before collecting sample. It is important not to run any water during this time frame.
2. After 8 hours, completely fill container with cold water. Be sure to fill the bottle provided with the water that has been sitting in tap.