

Sampling Protocol for Testing Drinking Water

Tests	Bottle Size and Type	Sampling
W1 (Basic)	125 mL Plastic (4 oz.)	<p>Collection Spot: A kitchen faucet or a faucet used most often for drinking and cooking.</p> <p>Protocol:</p> <ol style="list-style-type: none"> 1. A first draw water sample will be collected either early morning or evening upon returning home to ensure that the necessary 6-12 h stagnant water conditions exist. 2. Place a clean sample container below the faucet and gently open the cold water tap. Completely fill all sample bottles being careful not to contaminate the sample. To prevent contamination, do not touch the inside of the bottle or lid. <p>_____</p> <p>* In W33, turbidity may be measured from 1 quart sample if turbidity is NOT critical.</p>
W2 (Expanded Water Test)	500 mL Plastic (16 oz.)	
W9 (Lead)	125 mL Plastic	
W33	1 quart Plastic (+ 125 mL by overnight shipment if turbidity is critical) *	
Arsenic and Uranium	125 mL Plastic (4 oz.)	<p>Collection Spot: A kitchen faucet or a faucet used most often for drinking and cooking.</p> <p>Protocol:</p> <ol style="list-style-type: none"> 1. Turn on the cold water to its full capacity and let it run to waste for 2 to 3 minutes to flush the water out of the pipes. 2. Then turn the faucet down to a pencil size stream of water and fill a 125 mL plastic sample bottle, being careful not to contaminate the sample. To prevent contamination, do not touch the inside of the bottle or lid.
W35-W40 (Bacteria)	100 ml Special Plastic bottle with essential dechlorinating agent available at FEW	<p>Collection Spot: A kitchen faucet or a faucet used most often for drinking.</p> <p>Protocol:</p> <ol style="list-style-type: none"> 1. Select an inside faucet that is clean and not leaking. 2. Remove any faucet attachments such as filters, aerators, screens, splashguards, or water-saver valves. 3. Sanitize the faucet inside and out by dipping the faucet neck into undiluted chlorine bleach (do not use color-safe bleach). 4. Open tap fully and flush the faucet and pipes by running water for 3 minutes. If sampling from a faucet that mixes hot and cold water, run hot water for 3 minutes and turn it off, then run cold water for 3 minutes. Do not turn off the cold water, but reduce the flow to avoid splashing. 5. Uncap the sample bottle without touching the inside of the cap or bottle, fill the bottle above the 100 mL line, but not completely full and recap tightly. Fill the bottle only once; do not rinse. 6. Place sample in the sample box, seal sample box, affix UPS shipping label and call UPS at 800-742-5877 to determine your local pick-up/drop off place and time for "Next Day Air" packages. Or hand deliver to the Ag. Services Laboratory, 2300 College Station Road, Athens, GA 30602.

