



## RADIUM 228 SAMPLING INSTRUCTIONS

**IMPORTANT: Read all instructions prior to sampling!**

### Supplies

1. Chemical resistant safety goggles, not safety glasses or prescription glasses. **Remove contact lens before beginning process.**
2. Latex gloves
3. Sample bottles labels
4. Sample bottle
5. Chain-of-Custody (COC) form

### Sampling Instructions

6. Samples must be taken at a cold tap, with all screens filters, aerators, *etc.* removed. Let the water run long enough to clear all standing water from the lines (usually 5 to 15 minutes).
7. Remove the cap from the sampling bottle and fill– careful not to overflow.
  - a. **The bottle contains acid so use caution when filling. Protect skin, eyes, and clothing from contact with acid. IF skin contact: wash with cool water followed by soap and water. IF eye contact: flush eyes with cool water for 15 minutes and contact a physician immediately.**
8. Carefully replace the caps on the bottles and tighten with care. Rinse off the outside of each bottle and dry. Fill out the sample bottle labels completely with a permanent marker (such as a Sharpie) and attach to the sample bottles.
9. Fill out the Chain-of-Custody (COC) form.
10. Place samples in ice with the COC and return to Dragon Analytical Laboratory, Inc. as soon as possible.

**Store samples iced but do not let them freeze.**