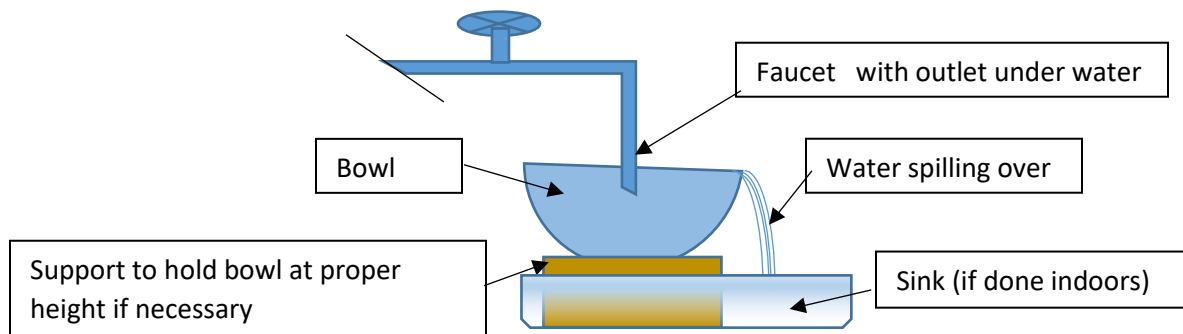


Water Sampling Procedures for Radon in Water

These instructions to be followed by users of the kit that contains two empty 23 ml vials, one marked with the letter “A” on its cap and the other with the letter “B”.

- 1) Test at a convenient indoor faucet. Because aerators attached to the spout of the faucet will immediately drive the radon out of the water before the water can be collected, either remove the aerator with a plyers or use a faucet without one.
 - a. **(You may even use an outdoor hose bib, weather permitting. If so, in the following steps, you will not need a sink. The overflowing water can spill onto the ground.)**
- 2) Open the drain in the sink you have chosen for sampling. Place a glass bowl in the sink under the faucet and turn on the cold water to a medium flow. **Position the bowl so that the end of the faucet is below the water level once the bowl fills.** You may need to prop the bowl from beneath in order to get the proper height. Allow the water to spill out of the bowl into the sink drain.



- 3) You are about to sample this water. It is best if you first let the water run long enough so that the water in the pressure (holding) tank has been replaced with water from the well so that you will be sampling water coming directly from the well and not from water that has been held in storage. Usually, running the water at 1.5 gallons per minute for 10 minutes is sufficient. (Or, you can first do a load of dishes, wash clothes, etc. and avoid running this tap for 10 minutes).
- 4) **After 10 minutes has passed with this medium water flow, lower the flow of water until only a small amount (a few tablespoons) overflows the bowl each second.** Remove the two empty bottles from the mailing box. Unwrap from protective bubble wrap. Save wrapping for later use. Open vial “A” and immerse the bottle and cap under water by dropping them into the bowl. Cap the bottle under water. Make sure there are no bubbles in the bottle by inverting the closed bottle and looking for air bubbles. If there are bubbles, pour the water out and repeat the process until there are no bubbles. Once vial “A” is filled with no bubbles, **Tightly cap vial A.** Immediately fill vial “B” in the same way. **Tightly cap vial B.**
- 5) Turn off water. Note the current time. You will need the current time for the sampling information sheet on the back of this page.
- 6) Dry the bottles off. Check that the caps are tightly closed. Wrap them in the protective material they came in. Put in box. Fill out Sampling Information Sheet on the back of this page.

SAMPLING INFORMATION SHEET

Fill out completely.

- 1) There are two glass vials in your box, each now filled with water. Verify that each has a letter, "A" or "B", written on its cap
- 2) On the box, there is a bar code. Write down the serial number beneath the bar code here. Serial number on box is _____
- 3) Write down the date you sampled your water: __/__/____
(mm/dd/yyyy)
- 4) Write down the time to within 15 minutes that you filled the vials. It is not necessary to write two separate times as long as you followed instructions and filled the second vial immediately after the first vial.
Time: __: __ (AM or PM) Time Zone: Eastern Central Mountain Pacific
Daylight Savings? (yes or no).

- 5) Sampling location information:

Home owner's name: _____

Address: Street number _____ Street name: _____

City _____ State _____ Zip _____

Email address _____

- 6) Who should receive this report? (If the report is to be sent to the same address as above, leave this section blank. Report will be emailed to email above). The name and email listed below assumes all responsibility for notifying all other concerned parties, including the homeowner listed above.
Name of tester or name of company _____
Email of tester or email of company _____

- 7) Final check list

- Both vials tightly closed and both vials wrapped in bubble wrap?
- Both vials in box?
- Correct postage on box? (Priority mail is recommended)
- Return address on box?
- Fold up this sampling information sheet and place in box. Tape box shut, return to:**

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