Radon-In-Water Sampling Instructions

Your **Radon-in-Water** test kit should include:

1) This instruction sheet with the sample information form on back.
2) A glass sample-collection-vial, in "bubble-wrap" packaging.
3) A yellow-faucet-adapter/sampling-hose assembly.
4) Preaddressed packaging for shipment to the analysis laboratory.

Before taking the sample, read this complete page. Then it may all make sense.

Before collecting the sample, you **MUST** flush your water system of any standing water. Sample collection immediately after doing a load of laundry or any other activity that will use a lot of water (20 to 30 gallons) will produce the most accurate results. In other words, you need to collect a sample of water that is fresh from the main supply.

The **yellow faucet adapter** is designed for an outdoor type of hose bib like you would use to connect a garden hose. At the hose bib, turn on the water for about a minute to flush the pipe of any standing water. Turn the water off and loosely connect the **yellow faucet adapter. Do not completely tighten just yet**. Open the spigot **only slightly**, just enough to allow some water and **all of the air** to escape from inside the faucet and the **yellow faucet adapter**. After approximately 10 seconds, hand tighten the **yellow faucet adapter** until there are no leaks. Next open the spigot handle another turn or more. Water should now be **flowing very slowly** out of the end of the sampling hose. The sampling hose contains a filter/restrictor designed to slow the water's flow during sample collection.

To collect a sample, place the end of the sampling hose inside the collection vial so that it is touching the bottom. Allow the water to fill the vial until it begins to overflow. Let it overflow for 5 to 10 seconds. The total time should be just under one minute per sample. While holding the vial straight up **very slowly** lower the vial to remove the hose. Replace the cap, interior shiny side toward the vial. Be very careful **not to tilt the vial** until it is tightly capped.

There should be a slight "bulge" of water standing above the rim of the vial. If the bulge is obvious, carefully install the cap without tilting the vial. Normally, a few drops of water will spill from under the cap as it is tightened. Next, turn the vial upside down. There **MUST be NO air bubbles** in the vial. If you see air bubbles, empty the vial and repeat the filling and capping procedure.

Once the vial is filled, capped, **and bubble free**, turn off the water and remove the yellow adapter/hose assembly. Place the glass **vial** in the provided bubble wrap bag. Put the **adapter/hose and the "bagged" vial** in the preaddressed return packaging.

Complete the sampling information on the back of this page. **ALL of the information is vital in order to deliver a timely and accurate report**.

You must ship the package the day of sample collection. US EPA protocols state that the analysis should be performed within 4 days. If you have **ANY** questions, call: (828) 684-0893 or Email to: info@radon.com or Fax a question to: (828) 684-8498.

Radon In Water Sampling Information
Complete this form immediately after sampling.

Sampling Address

_____   _____
Name   Collection Date **AND** Time

_____   _____
Address   Sample Serial Number

_____   **Check One**
City, State, Zip Code   ___   Municipal Water

_____   ___   Well Water
Telephone number   ___   Spring Water

                                                                               ___   Other

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Test Report Information

_____
Enter a fax number OR email address for express reporting

Complete this form if the report goes to a different address than sampling location.

_____
Name

_____
Company Name

_____
Reporting Address

_____
Reporting City, State, Zip Code

Return Information

Please return the sample vial and hose to:

Radon Lab
1936 Butler Bridge Rd.
Mills River, NC 28759

Important Reminder

**The laboratory needs to receive the
sample within 4 days from time of collection.**