Thank you for purchasing a Radon in Water test (Kit RC).

What will I need to collect the sample? The sampling kit includes:
Two 40 mL glass vials
*Water Sample Collection Information Form (CHEM 202)*.

Where do I sample? Homeowners: To check untreated well water, bypass any sample treatment that may be present (e.g. water softener); to check treated drinking water, sample from a kitchen or bathroom faucet. Regulated Water Systems: Sample at the point of entry to the distribution.

### Sample Collection Instructions

1. **Prepare**
   - Do not touch the inside of the cap or mouth of the sample vials with your fingers.
   - Remove aerator/strainer from faucet, if possible.
   - Let the cold water run for 3-5 minutes at full flow before taking the samples.

2. **Collect**
   - Reduce to low flow and fill both vials until overflowing (from the same tap).
   - Tighten the screw cap firmly to prevent leakage.
   - Turn vials over and check for bubbles by tapping gently. Repeat sample collection if air bubbles of any size are present.
   - Fill out the required *Water Sample Collection Information Form (CHEM 202)*.
   - Include date and time the sample was collected; describe any water treatment in submitter remarks section (e.g. water softener).

3. **Return**
   - Wrap vials with paper towels and secure with rubber band to prevent breakage.
   - Return samples within **48 hours** of collection. Samples can be mailed or delivered to the lab during normal business hours Mon-Thurs or before 3:30 pm on Friday.
   - If mailing sample, collect the sample just prior to your local post office’s pick-up time and verify a 48 hour delivery time (M-F) to the laboratory. Mail to: PO Box 1125, Burlington, VT 05402-1125.

Can the laboratory reject or qualify my sample?
Yes. Possible reasons can include submitting a sample that contains air bubbles or a gap between water and the cap, using a container other than the one provided, incomplete water collection information, or if the sample is received more than **48 hours** after time of collection.

When can I expect my test results?
Test results will be mailed about 7-10 business days after the water sample is received. **Additional information** can be found at [http://healthvermont.gov/health-environment/drinking-water/radioactive-elements](http://healthvermont.gov/health-environment/drinking-water/radioactive-elements)
Example Pictures

1. Prepare

- Do not touch inside the cap or mouth of the vials.
- Let the cold water flush at high flow for 3-5 minutes.
- Return water to medium flow before collecting the sample.

2. Collect

- Fill both vials until overflowing and cap. Invert and check for air bubbles (see picture at left).
- If air bubbles of any size are found, start again.
- Fill out paperwork \textit{(CHEM 202)} including date and time sample was collected.

3. Return

- Return vials to the lab within 48 hours of collection time.
- Samples accepted during business hours Mon-Thurs (see physical address above) or before 3:30 pm on Friday.
- Samples can also be mailed to: PO Box 1125 Burlington, VT 05402-1125.