



## Sampling Procedures for Radon in Water

Radon is a radioactive noble gas with a 3.8 day half-life found in many groundwater supplies. There is currently no federally-enforced drinking water standard for radon.

1. Using a non-aerated faucet or tap, place a hose on the tap and fill a bucket to overflowing. Allow to run for several minutes.
2. Fill and cap a zero headspace vial at the bottom of the bucket. Remove the vial and inspect it for any bubbles in the vial. If there are any bubbles, dump the water and collect the sample again.
3. Fill a second vial in the same manner as the first.
4. Record the well number and the date and time the samples were taken.

Since the gas only has a 3.8 day half-life, it is important that there be no delay in shipping the samples to the laboratory.