

Radon Testing



Air

Short-Term Air Test Kits

- These test kits are usually small vials or canisters that homeowners can use themselves.
- Test kits measure radon for 2-7 days and sent back to the Maine registered lab for analysis.
 - Test kits include instructions for proper set-up and storage.
 - All doors and windows should be closed 12 hours before starting the test and remain closed for the duration of the test. Entering and exiting the home is allowed during the testing period.
 - It is recommended that testing is done during the winter months and in the lowest livable level of the home.

Long-Term Air Test Kits

- Tests kits are set up in the home for a minimum of 90 days and can stay for up to 365 days.
- Long-term testing captures seasonal changes and provides a better average for yearlong exposure to radon.
- Testing is conducted under the home's normal living conditions.

Test Result (pCi/L)	Radon Risk in Air	Recommendation
Below 2	Low Risk	Retest in 2 years
Between 2 and 4	Medium Risk	Maybe treat. Contact Radon Program to discuss
4 or Above	High Risk	Highly recommend installing a mitigation system

Water

Water Test Kits

- Water test kits are small vials that are filled with private well-water from inside the home.
- The instructions are provided with the test kit and the kit is sent back to the Maine registered lab for analysis.
- For every 10,000 pCi/L in the water, it adds approximately 1 pCi/L to the air.
- Knowing both the air and water test results give a better overall risk of radon exposure.

Registered Radon Tester

- Many Registered Testers have air continuous radon monitors that provide average and hourly radon level readings.
- Registered Testers can also perform water radon tests using water test kits.
- If a home is for sale, a registered radon tester must be the person to perform any radon testing.
- A list of Maine registered radon testers can be found at:

<https://www.maine.gov/dhhs/mecdc/healthy-living/health-and-safety/indoor-safety/radon>

Test Result (pCi/L)	Radon Risk in Water	Recommendation
Below 4,000	Low Risk	Retest in 2 years
Between 4,000 and 10,000	Medium Risk	Maybe treat. Contact Radon Program to discuss
10,000 or Above	High Risk	Highly recommend installing a mitigation system