Solutions for a healthy indoor environment

Pylon Radon Water Test

Accuracy and Speed

Radon in water safety measurement

What's the fastest and most reliable way to test for radon in water? The Pylon Radon Water Test. It's easy, affordable, and you get the results you need in the time you need them.

You receive a 250 mL (8 oz.) Thermo Scientific™ Nalgene™ wide-mouth bottle made of high-density polyethylene with polypropylene screw closures. Return the water sample for analysis within 48 hours of test completion. Your sample will be analyzed and reported immediately upon receipt by lab.

The Pylon Radon Water Test is particularly suited for well water analysis where accurate results are needed quickly.

Water analysis performed using the state-of-the-art Pylon AB6A radiation monitor. The water sample collected and returned in the provided radon-proof container is off-gassed using a Pylon WG-1001 into an active Lucas-type scintillation cell. Results ready within two business days of receipt of sample, expressed in Bq/L.

Key Features

+ **Testing performed using Pylon laboratory monitor with results traceable to NIST**
  (National Institute of Standards and Technology)
+ **suitable for water quality analysis from wells and natural springs**
+ **accurate to +/- 4%**
+ **stable, insensitive to temperature and humidity changes**
+ **easy to use**
+ **confidential analytical report via email within 48 hours of receipt by laboratory**

Radon Environmental is partnered with Pylon Electronics to introduce laboratory-grade, short term testing to Canadians. Learn more about our strategic relationships and how the newest radon detection and mitigation products are changing the industry's approach to radon mangement. Visit www.radoncorp.com.

Radon Environmental Management Corp.
David Innes, Director of Sales | sales@radoncorp.com | 778.327.4717
450-1040 W Georgia St, Vancouver, BC V6E 4H1 | www.radoncorp.com

Radon™ Environmental

Solutions for a healthy indoor environment

Access and manage your data whenever you chose with the secure **MyData** customer interface.

Ensure water sample has minimal agitation for an accurate result.

Pylon Radon Water Test

INSTRUCTIONS FOR SHORT TERM RADON MEASUREMENT

1. Read the instructions on DEPLOYMENT PROTOCOL and IMMERSION TECHNIQUE. Then follow the custom user link in your email to the **MyData** user interface. Fill in the measurement details online and register the sample date and time. Submit your data.
2. The sample should be taken according to the instructions, and exposed to the least amount of agitation possible.
3. Return the sample for laboratory analysis within 48 hours using the preaddressed envelope.

DEPLOYMENT PROTOCOL

Thermo Scientific™ Nalgene™ bottles shall be used to collect samples of water for radon analysis using the Pylon AB6A radiation monitor.

Samples must be received by the lab within 48 hours of collection. Note the lab only receives sample shipments Monday through Thursday.

The dwelling distribution system should be flushed for approximately 15 minutes prior to sample collection.

IMMERSION TECHNIQUE

Collect water from a nonaerated source. Examples include an indoor sink faucet with aerator removed or outdoor hose bib on dwelling.

- If an aerator is present, remove from sink faucet.
- Prop a large container under the faucet tall enough to submerse the faucet below water level.
- Slowly fill the container until overflowing, running the water down the side of the bowl to start. Keep the water flowing.
- Submerse the Thermo Scientific™ Nalgene™ bottle being careful not to agitate the water. Fill the bottle until all air has exited and **carefully seal while the bottle is still submerged with the water flow still on.**

  Once the sealed bottle is removed from the container, invert and check for bubbles indicating headspace.

  - If there are visible air bubbles, empty the container and repeat sampling steps.
  - If there are no visible air bubbles, wipe the container dry and return for analysis.

If you have any questions regarding the measurement performance, contact us at:

Radon Environmental Management Corp.
450–1040 W Georgia St, Vancouver, BC V6G 2N7
Email info@radoncorp.com
Telephone 1.888.527.4717

Radon™ Environmental