



HTI HOME INSPECTIONS

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INDOOR RADON CONCENTRATION REPORT

Report Date: 01/03/09

Copy to: rroman9@longandfoster.com

Copy to:

Address: 16 Flints Grove RD

City: North Potomac

State: Md

Zip: 20878

The following Radon Test Results are representative of the radon levels measured during the sampling period only, and do not represent levels which vary from room to room, and from season to season. This is a short-term test and is representative of the potential for elevated radon over time.

The U.S. EPA Guideline (action level) for radon = 4.0 pico Curies / liter or greater

Sampling Period Start : 12/29/09 Time: 4pm Location: basement

Sampling Period Stop : 01/02/10 Time: 1pm Location: basement

LOCATION

RADON TEST RESULTS

Test Unit #1: SEZ264-695-671-2.4- - Area Test Result = 2.4 pCi/L

Test Unit #2: SEZ420-720-690-3.1- - Area Test Result = 3.1 pCi/L

Average Test Result = 2.8 pCi/L

Test Results are reported in units of Pico Curies per Liter (pCi/L) which is a measurement of Alpha Particle Emissions (Radioactive Ionization) in air. These test results are derived from short-term Electret Ion Chamber measurements and serve to help to indicate if there is a potential for a radon problem at this site.

The following page describes suggested actions to consider as recommended by the U.S. EPA in response to these reported levels.

Payment: Credit Card

Paid by: Owner



RADON GUIDELINES

The U.S. EPA suggests that homes and buildings have radon levels below 4.0 pico Curies per liter (pCi/L).

4.0 pico Curies per liter is a recommended guideline established to help direct the public in making meaningful decisions regarding radon gas and its viability. This guideline of 4.0 pCi/L is also referred to as an **“Action Level”**.

Depending upon the results of your short-term screening test, you may need to have follow-up or longer term measurements made in order to assess the variability of radon in your home or building over time because weather and seasonal living conditions affect radon levels.

If your screening test is below 4.0 pCi/L the building probably does not have significant levels when averaged over a year or multiple seasonal changes in normal living conditions.

The following guidelines are provided to help you determine the urgency of your need for additional measurements, mitigation work, or whether you have a problem at all.

Additional information was provided at the time of this test placement or during your inspection. Please call HTI Home Inspections if you have questions or contact the National Radon Information service: **1-800-767-7236** or **www.epa.gov/iaq/radon/**

Levels

Suggested Action

Below 4.0

Follow-up measurements are probably not necessary unless structural changes are planned.

4 to 7

Have follow-up measurements performed. Tests should be performed for longer periods (3 to 12 months) to confirm the short-term findings if levels are marginal. Mitigation is performed when warranted. The higher the short-term levels, the less likely the levels are less than 4.0 pCi/L when measured over longer durations.

7 plus

Mitigation is usually warranted.

HTI Home Inspections uses the E-Perm System, Electret-Ion Chamber Technology