



# SAMPLE REPORT

**TRI-COUNTY INSPECTIONS**  
SHIELDING YOU FROM THE UNKNOWN!

## Radon Inspection Report

### Measurement Information

Client Name

[REDACTED]

Building year

2007

Measurement Started

02/15/2024 18:03

Building Type

House

Measurement Ended

02/17/2024 18:03

Room Type

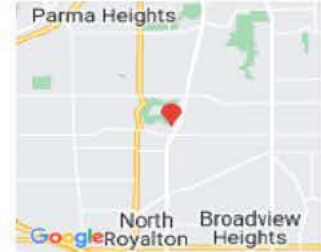
Basement

Inspection Duration

48 hour (Data No : 48)

Floor

Basement



Measurement Location

[REDACTED] Ln  
Parma, Ohio 44134

### Radon Levels Guide

**Test Result:  $\geq$  EPA Guidelines**

Overall Average

**4.4 pCi/L**



### Device Information

Device S/N

RP22007010013

Device calibrated

11/04/2022

### Tester Information

Tester Name

Mike Vakos

Tester Email

mike@tri-countyinspections.com

Tester Address

33312 Vineyard Park  
Avon, Ohio, 44011

Certification # (State-License #)

RT1657

Tester Phone

4406531947

## Inspection Information

Delay Time

0 hour

Inspection Duration

48 hours

Measurement Started

THU , 02/15/2024 06:03 PM

Measurement Ended

SAT , 02/17/2024 06:03 PM

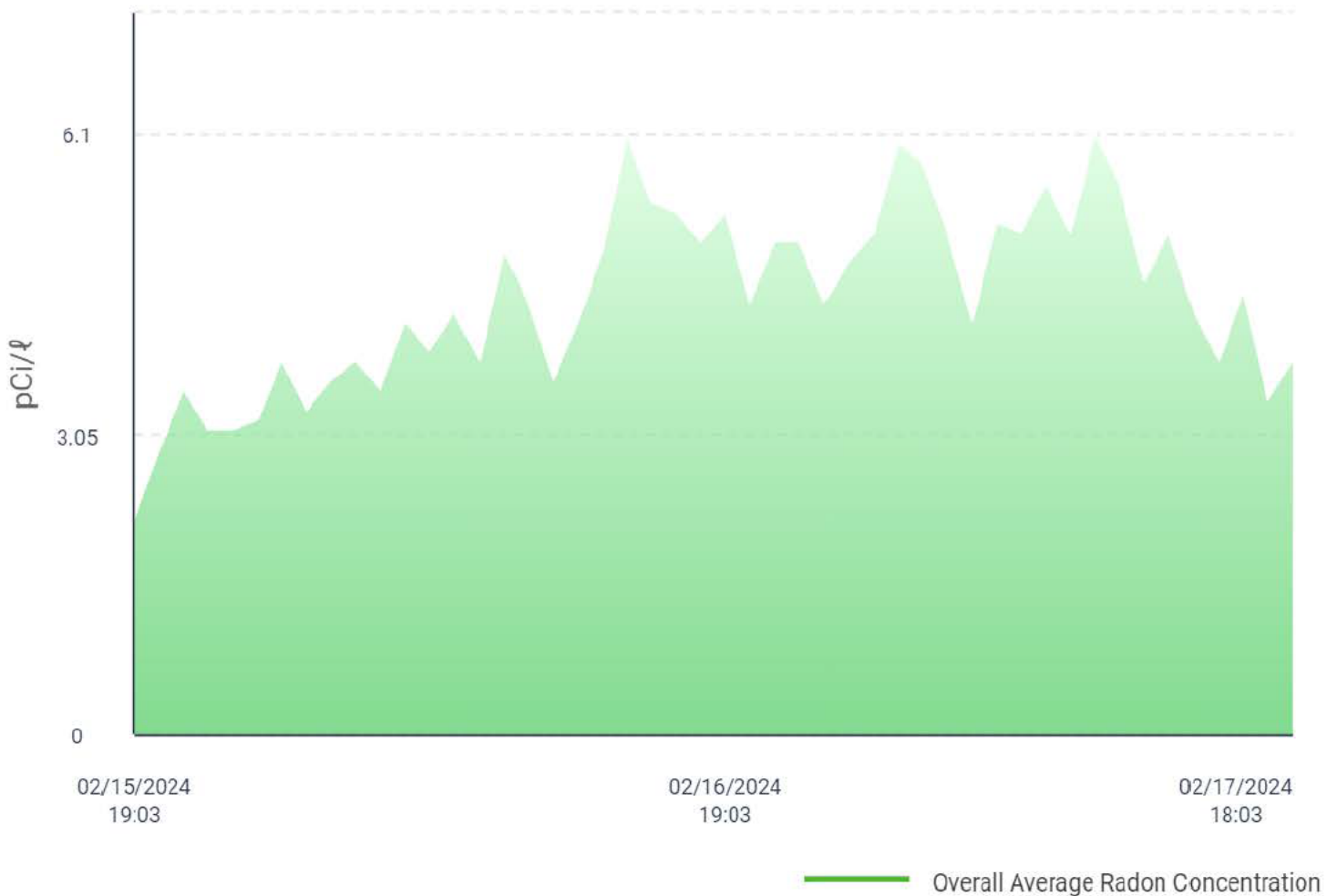
Measurement Radon Concentration Max

6.1 pCi/L

Measurement Radon Concentration Min

2.2 pCi/L

## Historical Radon Trend



## Table of Hourly Radon Measurements

Radon Concentration Average: **4.4 pCi/ℓ**

Timestamp	Radon Value	Temp(F)	RH(%)	Timestamp	Radon Value	Temp(F)	RH(%)
02/15/24 19:03	2.2	61	41	02/16/24 19:03	5.3	63	36
02/15/24 20:03	2.9	62	39	02/16/24 20:03	4.4	63	36
02/15/24 21:03	3.5	62	38	02/16/24 21:03	5.0	63	36
02/15/24 22:03	3.1	63	38	02/16/24 22:03	5.0	63	36
02/15/24 23:03	3.1	63	37	02/16/24 23:03	4.4	63	36
02/16/24 00:03	3.2	63	37	02/17/24 00:03	4.8	63	36
02/16/24 01:03	3.8	63	37	02/17/24 01:03	5.1	63	36
02/16/24 02:03	3.3	63	37	02/17/24 02:03	6.0	63	36
02/16/24 03:03	3.6	63	37	02/17/24 03:03	5.8	63	36
02/16/24 04:03	3.8	63	37	02/17/24 04:03	5.1	63	36
02/16/24 05:03	3.5	63	37	02/17/24 05:03	4.2	63	36
02/16/24 06:03	4.2	63	37	02/17/24 06:03	5.2	63	36
02/16/24 07:03	3.9	63	37	02/17/24 07:03	5.1	63	36
02/16/24 08:03	4.3	63	37	02/17/24 08:03	5.6	63	35
02/16/24 09:03	3.8	63	37	02/17/24 09:03	5.1	63	35
02/16/24 10:03	4.9	63	37	02/17/24 10:03	6.1	63	35
02/16/24 11:03	4.4	63	37	02/17/24 11:03	5.6	63	35
02/16/24 12:03	3.6	62	37	02/17/24 12:03	4.6	63	35
02/16/24 13:03	4.2	62	37	02/17/24 13:03	5.1	63	35
02/16/24 14:03	4.9	62	37	02/17/24 14:03	4.3	63	35
02/16/24 15:03	6.1	63	37	02/17/24 15:03	3.8	62	35
02/16/24 16:03	5.4	63	36	02/17/24 16:03	4.5	62	35
02/16/24 17:03	5.3	63	37	02/17/24 17:03	3.4	62	35
02/16/24 18:03	5.0	63	36	02/17/24 18:03	3.8	63	34

\* Temperature and humidity can vary depending on environmental conditions.

\* The test data was taken from a testing device approved by the National Radon Proficiency Program.

## Measurement Environments

### GENERAL HOUSE CONDITIONS:

Test Category? (Initial, Follow-Up, Post-Mitigation): Initial

Building Type? (Single Family, Townhouse, Apartment, etc.): Single Family

Occupancy? (Vacant or Occupied): Vacant

Foundation Type? (Basement, Slab on Grade, Crawl Space): Basement

### TAMPER CONTROLS:

Tamper Indicating Controls Used? (Yes, No): Yes

Description of Tamper Controls: TAMPER MONITOR WAS USED



## Comment

Recommendations: (as per ANSI-AARST MAH)

### Test result is 4.0 pCi/L or greater: YOUR RADON IS HIGH

- **FIX THE BUILDING.** Test results indicate occupants may be exposed to radon concentrations that meet or exceed the EPA action level of 4 pCi/L or greater.
- Efforts to reduce radon concentrations are not complete until a retest provides evidence of mitigation effectiveness.
  - Complete a short-term test between 24 hours and 30 days after installation of a mitigation system.
  - **Retest every 2 years or install a continuous radon monitor** to ensure the system remains effective.

### Test result is between 2.0 and 4.0 pCi/L: YOUR RADON IS MODERATELY ELEVATED

- **CONSIDER FIXING THE BUILDING.** Test results indicate radon levels greater than half the EPA action level.
- The World Health Organization (WHO) recommends mitigation if levels are 2.7 (100 Bq/m<sup>3</sup>) or higher.
- **Continuously monitoring** the radon, especially when the heating system is active both day and night is more likely to provide a clear characterization of potential radon hazards.

### Test result is less than 2.0 pCi/L: YOUR RADON IS LOW

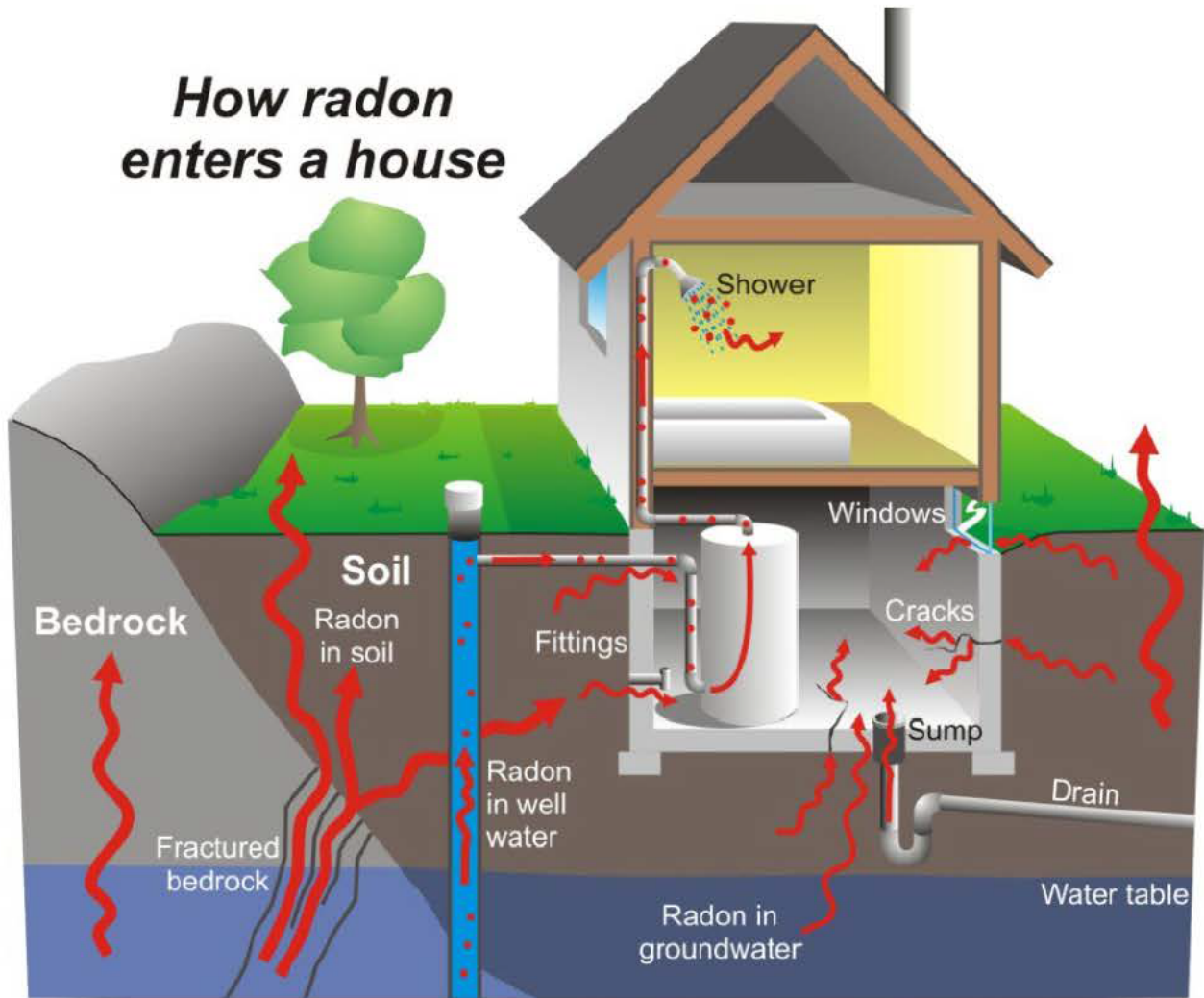
- **NO FURTHER ACTION REQUIRED AT THIS TIME.** The average indoor radon level is estimated to be about 1.3 pCi/L; the normal outdoor air radon level is 0.4 pCi/L.
- Radon levels in a building can fluctuate due to weather conditions and other factors, including renovations and alterations, or changes in the HVAC system. For this reason, EPA recommends **retesting your home every 5 years** and to remediate if levels become elevated.

### Times to Retest:

Retest in conjunction with any sale of new or existing buildings. In addition, be certain to test again or continuously monitor when any of the following circumstances occur:

- A ground contact area not previously tested is occupied, or a home is newly occupied.
- Ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures.
- A mitigation system is altered, modified, or repaired.
- Significant openings to soil occur due to:
  - Groundwater or slab surface water control systems that are altered or added (e.g., sumps, perimeter drain tile, shower/tub retrofits, etc.).
  - Natural settlement causing major cracks to develop.
  - Earthquakes, construction blasting, or formation of sinkholes nearby.

## How radon enters a house



# IMPORTANT NOTICE

**IF YOUR RADON TEST RESULT IS AT OR ABOVE EPA'S  
4.0 pCi/L ACTION LEVEL**

**THE EPA AND YOUR STATE RADON PROGRAM RECOMMEND THIS  
HOME BE MITIGATED**