

Radon Measurement Report



Your Environmental Services, LLC

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Laboratory: 4609 N Grape Rd Suite D5 Mishawaka, IN 46545

Mon-Fri 8:30am - 4:30pm

THIS PROPERTY TESTED BELOW THE ACTION LIMIT FOR RADON

This property tests below the EPA's action limit of 4.0 pCi/l and therefore, no further action is necessary at this time. However, the EPA says to consider fixing if radon results are between 2.0 and 4.0 pCi/l as there is no safe level of radon. Each point of radon can be considered the same as smoking 2 cigarettes per day.

*Note that tests conducted when heating system are active both day and night are more likely to provide a clear characterization of potential radon hazards. ADDITIONAL RESOURCES are located at the end of this report.

REPORT SUMMARY



LEVEL OF RADON

AVERAGE
0.5 pCi/L



MEASUREMENT ADDRESS

1111 Anywhere Place
Noblesville, Indiana, 46060, Hamilton County



REPORT DURATION

START DATE
Jul 19, 2023, 2:46
p.m. EDT

DURATION
48h

END DATE
Jul 21, 2023, 2:46
p.m. EDT



OTHER INFORMATION

ROOM
Basement

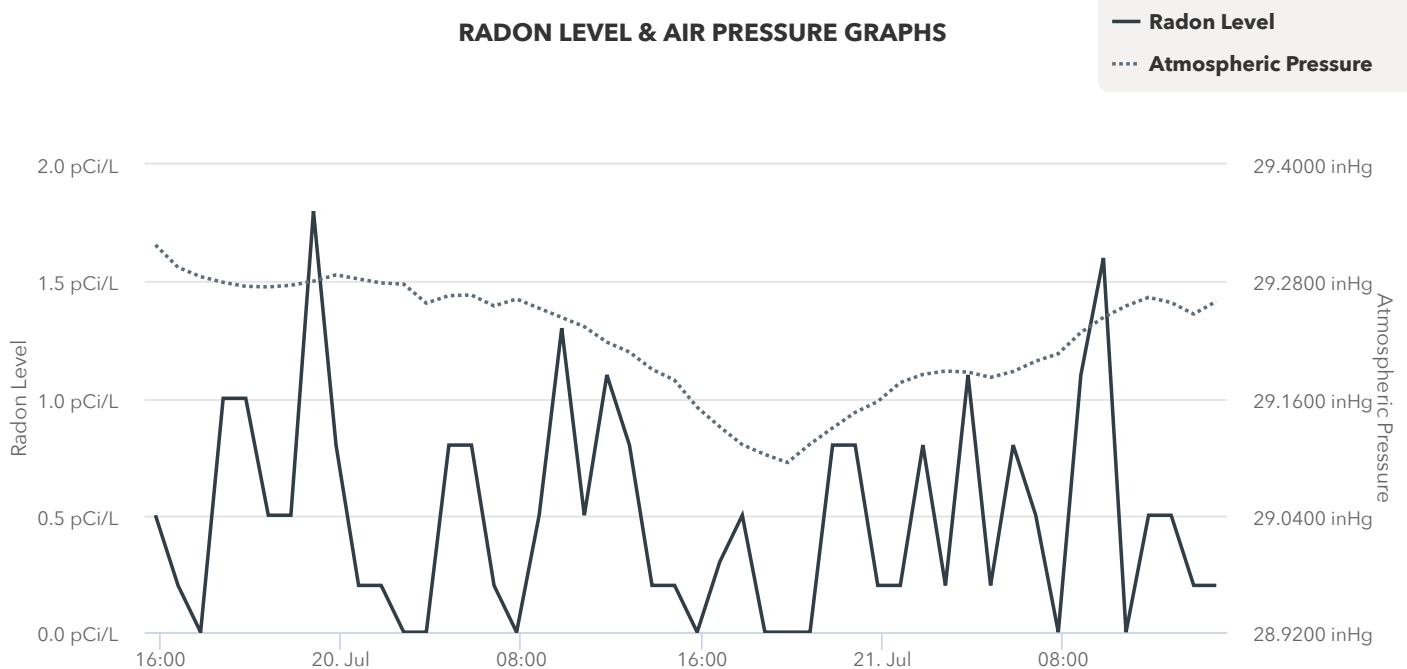
FLOOR
Basement

TYPE
Initial

TEST LIMITATIONS

There is an uncertainty with any measurement result due to statistical variations and other factors such as daily and seasonal variations in radon concentrations. Variations may be due to changes in the weather, operation of the dwelling, or possible interference with the necessary test conditions. ****Note that an interference agreement was not signed by occupant, however, instructions for closed house testing protocol conditions were provided and any deviations listed at the end of this report.**

RADON LEVEL & AIR PRESSURE GRAPHS



MEASUREMENT SUMMARY



LEVEL OF RADON

MINIMUM
0.0 pCi/L

AVERAGE
0.5 pCi/L

MAXIMUM
1.8 pCi/L



TEMPERATURE

MINIMUM
66.9 °F

AVERAGE
68.1 °F

MAXIMUM
72.0 °F



HUMIDITY

MINIMUM
65.5 %rH

AVERAGE
70.9 %rH

MAXIMUM
73.0 %rH



ATMOSPHERIC PRESSURE

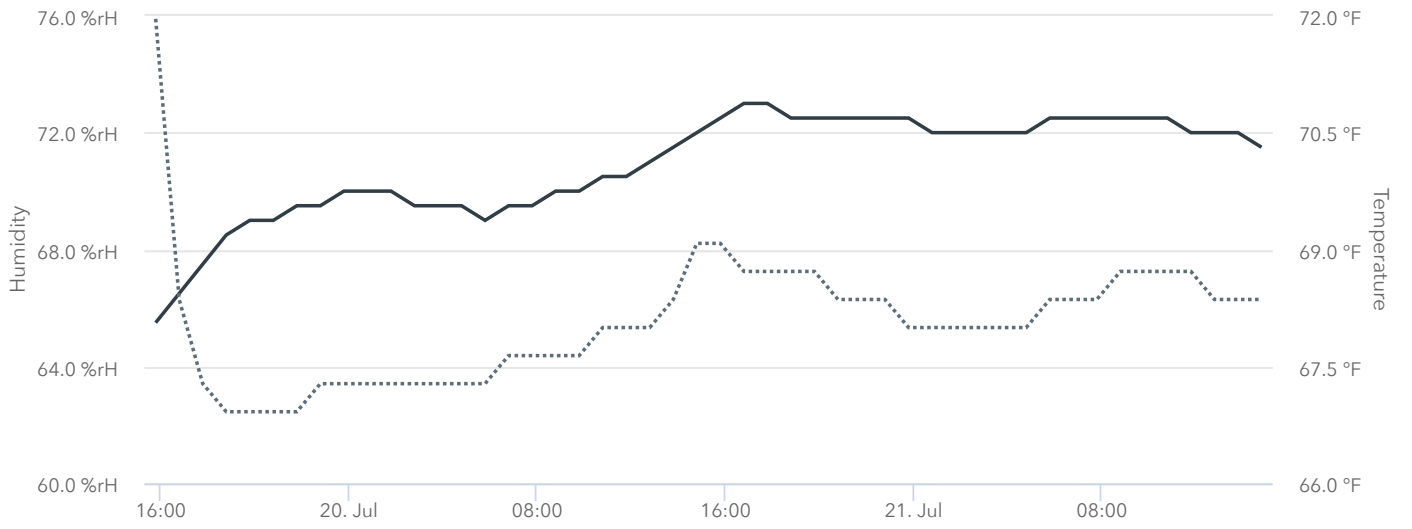
MINIMUM
29.0941 inHg

AVERAGE
29.2215 inHg

MAXIMUM
29.3174 inHg

GRAPH

— Humidity
.... Temperature



HOURLY MEASUREMENT DATA



Note : Measurements are offset by 1 hour from the start of the test. (The first hour will read 3:00 for a 2:00 start time).

	DATE & TIME	RADON	AIR PRESSURE	TEMPERATURE	HUMIDITY
1	2023-07-19, 3:46 p.m. EDT	0.5 pCi/L	29.3174 inHg	72.0 °F	65.5 %rH
2	2023-07-19, 4:46 p.m. EDT	0.2 pCi/L	29.2944 inHg	68.4 °F	66.5 %rH
3	2023-07-19, 5:46 p.m. EDT	0.0 pCi/L	29.2849 inHg	67.3 °F	67.5 %rH
4	2023-07-19, 6:46 p.m. EDT	1.0 pCi/L	29.2790 inHg	66.9 °F	68.5 %rH
5	2023-07-19, 7:46 p.m. EDT	1.0 pCi/L	29.2749 inHg	66.9 °F	69.0 %rH
6	2023-07-19, 8:46 p.m. EDT	0.5 pCi/L	29.2743 inHg	66.9 °F	69.0 %rH
7	2023-07-19, 9:46 p.m. EDT	0.5 pCi/L	29.2760 inHg	66.9 °F	69.5 %rH
8	2023-07-19, 10:46 p.m. EDT	1.8 pCi/L	29.2802 inHg	67.3 °F	69.5 %rH
9	2023-07-19, 11:46 p.m. EDT	0.8 pCi/L	29.2867 inHg	67.3 °F	70.0 %rH
10	2023-07-20, 12:46 a.m. EDT	0.2 pCi/L	29.2825 inHg	67.3 °F	70.0 %rH
11	2023-07-20, 1:46 a.m. EDT	0.2 pCi/L	29.2784 inHg	67.3 °F	70.0 %rH
12	2023-07-20, 2:46 a.m. EDT	0.0 pCi/L	29.2772 inHg	67.3 °F	69.5 %rH
13	2023-07-20, 3:46 a.m. EDT	0.0 pCi/L	29.2577 inHg	67.3 °F	69.5 %rH
14	2023-07-20, 4:46 a.m. EDT	0.8 pCi/L	29.2654 inHg	67.3 °F	69.5 %rH
15	2023-07-20, 5:46 a.m. EDT	0.8 pCi/L	29.2660 inHg	67.3 °F	69.0 %rH
16	2023-07-20, 6:46 a.m. EDT	0.2 pCi/L	29.2548 inHg	67.6 °F	69.5 %rH
17	2023-07-20, 7:46 a.m. EDT	0.0 pCi/L	29.2619 inHg	67.6 °F	69.5 %rH
18	2023-07-20, 8:46 a.m. EDT	0.5 pCi/L	29.2524 inHg	67.6 °F	70.0 %rH
19	2023-07-20, 9:46 a.m. EDT	1.3 pCi/L	29.2430 inHg	67.6 °F	70.0 %rH
20	2023-07-20, 10:46 a.m. EDT	0.5 pCi/L	29.2335 inHg	68.0 °F	70.5 %rH
21	2023-07-20, 11:46 a.m. EDT	1.1 pCi/L	29.2176 inHg	68.0 °F	70.5 %rH
22	2023-07-20, 12:46 p.m. EDT	0.8 pCi/L	29.2075 inHg	68.0 °F	71.0 %rH
23	2023-07-20, 1:46 p.m. EDT	0.2 pCi/L	29.1898 inHg	68.4 °F	71.5 %rH
24	2023-07-20, 2:46 p.m. EDT	0.2 pCi/L	29.1786 inHg	69.1 °F	72.0 %rH
25	2023-07-20, 3:46 p.m. EDT	0.0 pCi/L	29.1508 inHg	69.1 °F	72.5 %rH
26	2023-07-20, 4:46 p.m. EDT	0.3 pCi/L	29.1308 inHg	68.7 °F	73.0 %rH
27	2023-07-20, 5:46 p.m. EDT	0.5 pCi/L	29.1124 inHg	68.7 °F	73.0 %rH
28	2023-07-20, 6:46 p.m. EDT	0.0 pCi/L	29.1024 inHg	68.7 °F	72.5 %rH
29	2023-07-20, 7:46 p.m. EDT	0.0 pCi/L	29.0941 inHg	68.7 °F	72.5 %rH
30	2023-07-20, 8:46 p.m. EDT	0.0 pCi/L	29.1130 inHg	68.4 °F	72.5 %rH
31	2023-07-20, 9:46 p.m. EDT	0.8 pCi/L	29.1296 inHg	68.4 °F	72.5 %rH
32	2023-07-20, 10:46 p.m. EDT	0.8 pCi/L	29.1455 inHg	68.4 °F	72.5 %rH

33	2023-07-20, 11:46 p.m. EDT	0.2 pCi/L	29.1567 inHg	68.0 °F	72.5 %rH
34	2023-07-21, 12:46 a.m. EDT	0.2 pCi/L	29.1762 inHg	68.0 °F	72.0 %rH
35	2023-07-21, 1:46 a.m. EDT	0.8 pCi/L	29.1845 inHg	68.0 °F	72.0 %rH
36	2023-07-21, 2:46 a.m. EDT	0.2 pCi/L	29.1880 inHg	68.0 °F	72.0 %rH
37	2023-07-21, 3:46 a.m. EDT	1.1 pCi/L	29.1869 inHg	68.0 °F	72.0 %rH
38	2023-07-21, 4:46 a.m. EDT	0.2 pCi/L	29.1815 inHg	68.0 °F	72.0 %rH
39	2023-07-21, 5:46 a.m. EDT	0.8 pCi/L	29.1875 inHg	68.4 °F	72.5 %rH
40	2023-07-21, 6:46 a.m. EDT	0.5 pCi/L	29.1981 inHg	68.4 °F	72.5 %rH
41	2023-07-21, 7:46 a.m. EDT	0.0 pCi/L	29.2058 inHg	68.4 °F	72.5 %rH
42	2023-07-21, 8:46 a.m. EDT	1.1 pCi/L	29.2276 inHg	68.7 °F	72.5 %rH
43	2023-07-21, 9:46 a.m. EDT	1.6 pCi/L	29.2430 inHg	68.7 °F	72.5 %rH
44	2023-07-21, 10:46 a.m. EDT	0.0 pCi/L	29.2548 inHg	68.7 °F	72.5 %rH
45	2023-07-21, 11:46 a.m. EDT	0.5 pCi/L	29.2636 inHg	68.7 °F	72.0 %rH
46	2023-07-21, 12:46 p.m. EDT	0.5 pCi/L	29.2583 inHg	68.4 °F	72.0 %rH
47	2023-07-21, 1:46 p.m. EDT	0.2 pCi/L	29.2465 inHg	68.4 °F	72.0 %rH
48	2023-07-21, 2:46 p.m. EDT	0.2 pCi/L	29.2595 inHg	68.4 °F	71.5 %rH

PROPERTY DETAIL



Property Name:	Initial
Address:	111 Anywhere Place, Noblesville, Indiana 46060, Hamilton County
Ventilation Type:	Mechanical HVAC
Building Type:	Occupied House
Foundation Type:	Basement Foundation
Radon Mitigation System:	None Present

MONITOR INFORMATION



Serial Number:	2700010719
Calibration Date:	2023-06-19
Calibration Expiration Date:	2024-06-18
Manufacturer:	Airthings
Model:	Corentium Pro
Calibration Chamber:	Airthings Lab
License #:	TC111706 / TRC2101
Noninterference Controls:	Corentium Pro uses a motion sensor to detect movement of the monitor during the measurement. It also records hourly temperature, humidity, and atmospheric pressure data to detect if closed-building conditions may have been broken during the measurement.

CALIBRATION CERTIFICATION/ TEST PROTOCOL

Radon Monitors annually calibrated by: AirThings, MA NRPP Lic#TC111706 code:8233
Test conducted following ANSI/AARST Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (ANSI/AARST MAH 2019) by certified/licensed radon measurement professional listed below from:
Your Environmental Services LLC, Mishawaka, IN

RADON PROFESSIONAL INFORMATION

Name: **Melinda Althaus**
Phone number: **833-937-5227**

PROFESSIONAL CERTIFICATIONS

Name:	Number:	Expiration Date:
Indiana State License	RTS01175	05/18/2024

NRSB Certification	22ST012	05/30/2024
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NRPP Certification	113286-RMP	09/19/2024
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TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL

Temporary Conditions: **None documented.**
Deviations from Protocol: **None documented.**

ADDITIONAL RESOURCES

Contact your local state radon office for more information on radon.
Indiana 800-272-9723 or <https://www.in.gov/idem/health/common-environmental-health-threats/radon/>
Michigan 800-723-6642 or [Michigan.gov/radon](https://www.michigan.gov/radon)

PROTECTION AGAINST LONG-TERM RADON EXPOSURE

*Retest radon at least every 5 years, or to verify continued effectiveness of radon mitigation systems or efforts, at least every 2 years

*Retest in conjunction with any sale of new or existing buildings

*In addition, be certain to test again when any of the following occur:

- new additions, alterations or rehabilitation to the building occur
- ground contact area not previously tested is now occupied or a home is newly occupied
- heating or cooling systems, any ventilation systems, mechanical or weatherization changes are significantly altered
- significant openings to soil occur due to: groundwater or slab surface water control system altered or added (sumps, perimeter drain tile, shower/tub retrofits, etc) or natural settlement causing major cracks to develop
- earthquakes, construction blasting, or formation of sink holes nearby; or
- mitigation system is altered, modified or repaired