PHOTOS

Radon Measurement Report

PROPERTY INFORMATION

Property Name:	Sample
Address:	Sample, Sample city, GA 12345, United States
Building Year:	2024
Building Type:	Single Family Home
Foundation Type:	Basement
Radon Mitigation System:	None

TEST INFORMATION

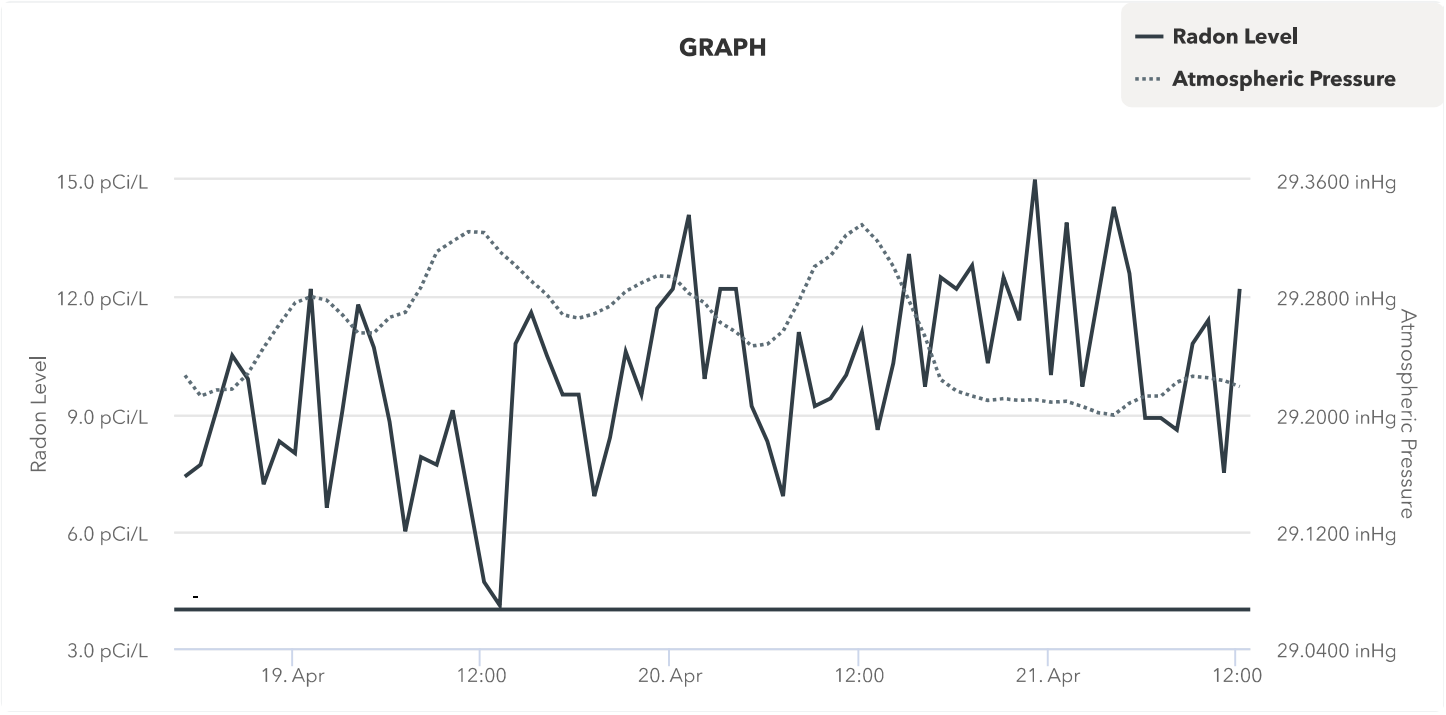
Average Radon Level:	10.0 pCi/L
Dataset Name:	Sample Report
Measurement Type:	Initial
Start Date:	Apr 18, 2025, 4:10 p.m. EDT
End Date:	Apr 21, 2025, 12:10 p.m. EDT
Measurement Duration:	68h
Floor/Level:	Basement
Room:	Unfinished Basement
Comment:	No comments documented.

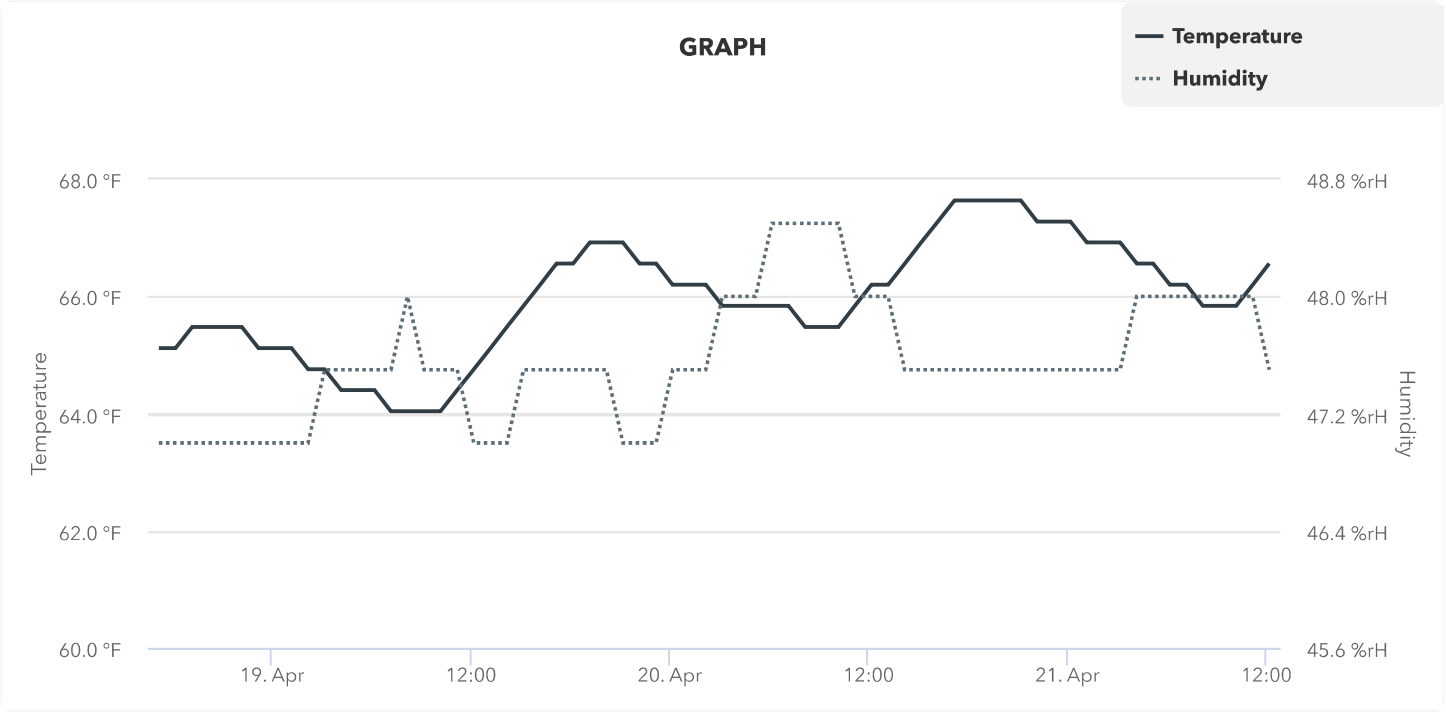
TEST RESULT FAIL - LEVELS 4.0 PCI/L AND GREATER

The average measured radon level is at or above the Environmental Protection Agency (EPA) Action Level of 4.0 pCi/L. **The EPA recommends having a radon mitigation system installed** to reduce the concentration of indoor radon. Retest the building at least 24 hours but within 30 days after the system has been installed and running. The EPA recommends having the building retested at least once every 2 years to ensure the system remains effective. Performing follow-up tests during the heating system is recommended since this is when radon levels tend to be the highest. A 12-month long test, or continuous monitoring, will most accurately reflect radon exposure throughout the year.

MEASUREMENT DATA SUMMARY

	MINIMUM	AVERAGE	MAXIMUM
LEVEL OF RADON	4.1 pCi/L	10.0 pCi/L	15.0 pCi/L
TEMPERATURE	64.0 °F	66.0 °F	67.6 °F
HUMIDITY	47.0 %rH	47.6 %rH	48.5 %rH
ATMOSPHERIC PRESSURE	29.1993 inHg	29.2575 inHg	29.3292 inHg


GRAPH
Radon Level
Atmospheric Pressure
15.0 pCi/L
12.0 pCi/L
9.0 pCi/L
6.0 pCi/L
3.0 pCi/L
29.3600 inHg
29.2800 inHg
29.2000 inHg
29.1200 inHg
29.0400 inHg
Radon Level
Atmospheric Pressure
19. Apr
12:00
20. Apr
12:00
21. Apr
12:00


GRAPH
Temperature
Humidity
68.0 °F
66.0 °F
64.0 °F
62.0 °F
60.0 °F
48.8 %rH
48.0 %rH
47.2 %rH
46.4 %rH
45.6 %rH
Temperature
Humidity
19. Apr
12:00
20. Apr
12:00
21. Apr
12:00

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	2025-04-18, 5:10 p.m. EDT	7.4 pCi/L	29.2264 inHg	65.1 °F	47.0 %rH
2	2025-04-18, 6:10 p.m. EDT	7.7 pCi/L	29.2123 inHg	65.1 °F	47.0 %rH
3	2025-04-18, 7:10 p.m. EDT	9.1 pCi/L	29.2164 inHg	65.5 °F	47.0 %rH
4	2025-04-18, 8:10 p.m. EDT	10.5 pCi/L	29.2170 inHg	65.5 °F	47.0 %rH
5	2025-04-18, 9:10 p.m. EDT	9.9 pCi/L	29.2276 inHg	65.5 °F	47.0 %rH
6	2025-04-18, 10:10 p.m. EDT	7.2 pCi/L	29.2453 inHg	65.5 °F	47.0 %rH
7	2025-04-18, 11:10 p.m. EDT	8.3 pCi/L	29.2613 inHg	65.1 °F	47.0 %rH
8	2025-04-19, 12:10 a.m. EDT	8.0 pCi/L	29.2760 inHg	65.1 °F	47.0 %rH
9	2025-04-19, 1:10 a.m. EDT	12.2 pCi/L	29.2802 inHg	65.1 °F	47.0 %rH
10	2025-04-19, 2:10 a.m. EDT	6.6 pCi/L	29.2778 inHg	64.8 °F	47.0 %rH
11	2025-04-19, 3:10 a.m. EDT	9.1 pCi/L	29.2678 inHg	64.8 °F	47.5 %rH
12	2025-04-19, 4:10 a.m. EDT	11.8 pCi/L	29.2554 inHg	64.4 °F	47.5 %rH
13	2025-04-19, 5:10 a.m. EDT	10.7 pCi/L	29.2554 inHg	64.4 °F	47.5 %rH
14	2025-04-19, 6:10 a.m. EDT	8.8 pCi/L	29.2660 inHg	64.4 °F	47.5 %rH
15	2025-04-19, 7:10 a.m. EDT	6.0 pCi/L	29.2695 inHg	64.0 °F	47.5 %rH
16	2025-04-19, 8:10 a.m. EDT	7.9 pCi/L	29.2867 inHg	64.0 °F	48.0 %rH
17	2025-04-19, 9:10 a.m. EDT	7.7 pCi/L	29.3109 inHg	64.0 °F	47.5 %rH
18	2025-04-19, 10:10 a.m. EDT	9.1 pCi/L	29.3180 inHg	64.0 °F	47.5 %rH
19	2025-04-19, 11:10 a.m. EDT	6.9 pCi/L	29.3245 inHg	64.4 °F	47.5 %rH
20	2025-04-19, 12:10 p.m. EDT	4.7 pCi/L	29.3239 inHg	64.8 °F	47.0 %rH
21	2025-04-19, 1:10 p.m. EDT	4.1 pCi/L	29.3109 inHg	65.1 °F	47.0 %rH
22	2025-04-19, 2:10 p.m. EDT	10.8 pCi/L	29.3014 inHg	65.5 °F	47.0 %rH
23	2025-04-19, 3:10 p.m. EDT	11.6 pCi/L	29.2908 inHg	65.8 °F	47.5 %rH
24	2025-04-19, 4:10 p.m. EDT	10.5 pCi/L	29.2814 inHg	66.2 °F	47.5 %rH
25	2025-04-19, 5:10 p.m. EDT	9.5 pCi/L	29.2678 inHg	66.6 °F	47.5 %rH
26	2025-04-19, 6:10 p.m. EDT	9.5 pCi/L	29.2654 inHg	66.6 °F	47.5 %rH
27	2025-04-19, 7:10 p.m. EDT	6.9 pCi/L	29.2684 inHg	66.9 °F	47.5 %rH
28	2025-04-19, 8:10 p.m. EDT	8.4 pCi/L	29.2737 inHg	66.9 °F	47.5 %rH
29	2025-04-19, 9:10 p.m. EDT	10.6 pCi/L	29.2837 inHg	66.9 °F	47.0 %rH
30	2025-04-19, 10:10 p.m. EDT	9.5 pCi/L	29.2896 inHg	66.6 °F	47.0 %rH
31	2025-04-19, 11:10 p.m. EDT	11.7 pCi/L	29.2944 inHg	66.6 °F	47.0 %rH

33	2025-04-20, 1:10 a.m. EDT	14.1 pCi/L	29.2825 inHg	66.2 °F	47.5 %rH
34	2025-04-20, 2:10 a.m. EDT	9.9 pCi/L	29.2760 inHg	66.2 °F	47.5 %rH
35	2025-04-20, 3:10 a.m. EDT	12.2 pCi/L	29.2625 inHg	65.8 °F	48.0 %rH
36	2025-04-20, 4:10 a.m. EDT	12.2 pCi/L	29.2560 inHg	65.8 °F	48.0 %rH
37	2025-04-20, 5:10 a.m. EDT	9.2 pCi/L	29.2465 inHg	65.8 °F	48.0 %rH
38	2025-04-20, 6:10 a.m. EDT	8.3 pCi/L	29.2477 inHg	65.8 °F	48.5 %rH
39	2025-04-20, 7:10 a.m. EDT	6.9 pCi/L	29.2566 inHg	65.8 °F	48.5 %rH
40	2025-04-20, 8:10 a.m. EDT	11.1 pCi/L	29.2772 inHg	65.5 °F	48.5 %rH
41	2025-04-20, 9:10 a.m. EDT	9.2 pCi/L	29.3008 inHg	65.5 °F	48.5 %rH
42	2025-04-20, 10:10 a.m. EDT	9.4 pCi/L	29.3079 inHg	65.5 °F	48.5 %rH
43	2025-04-20, 11:10 a.m. EDT	10.0 pCi/L	29.3221 inHg	65.8 °F	48.0 %rH
44	2025-04-20, 12:10 p.m. EDT	11.1 pCi/L	29.3292 inHg	66.2 °F	48.0 %rH
45	2025-04-20, 1:10 p.m. EDT	8.6 pCi/L	29.3180 inHg	66.2 °F	48.0 %rH
46	2025-04-20, 2:10 p.m. EDT	10.3 pCi/L	29.3008 inHg	66.6 °F	47.5 %rH
47	2025-04-20, 3:10 p.m. EDT	13.1 pCi/L	29.2772 inHg	66.9 °F	47.5 %rH
48	2025-04-20, 4:10 p.m. EDT	9.7 pCi/L	29.2530 inHg	67.3 °F	47.5 %rH
49	2025-04-20, 5:10 p.m. EDT	12.5 pCi/L	29.2235 inHg	67.6 °F	47.5 %rH
50	2025-04-20, 6:10 p.m. EDT	12.2 pCi/L	29.2158 inHg	67.6 °F	47.5 %rH
51	2025-04-20, 7:10 p.m. EDT	12.8 pCi/L	29.2123 inHg	67.6 °F	47.5 %rH
52	2025-04-20, 8:10 p.m. EDT	10.3 pCi/L	29.2093 inHg	67.6 °F	47.5 %rH
53	2025-04-20, 9:10 p.m. EDT	12.5 pCi/L	29.2105 inHg	67.6 °F	47.5 %rH
54	2025-04-20, 10:10 p.m. EDT	11.4 pCi/L	29.2093 inHg	67.3 °F	47.5 %rH
55	2025-04-20, 11:10 p.m. EDT	15.0 pCi/L	29.2099 inHg	67.3 °F	47.5 %rH
56	2025-04-21, 12:10 a.m. EDT	10.0 pCi/L	29.2081 inHg	67.3 °F	47.5 %rH
57	2025-04-21, 1:10 a.m. EDT	13.9 pCi/L	29.2087 inHg	66.9 °F	47.5 %rH
58	2025-04-21, 2:10 a.m. EDT	9.7 pCi/L	29.2052 inHg	66.9 °F	47.5 %rH
59	2025-04-21, 3:10 a.m. EDT	12.0 pCi/L	29.2010 inHg	66.9 °F	47.5 %rH
60	2025-04-21, 4:10 a.m. EDT	14.3 pCi/L	29.1993 inHg	66.6 °F	48.0 %rH
61	2025-04-21, 5:10 a.m. EDT	12.6 pCi/L	29.2075 inHg	66.6 °F	48.0 %rH
62	2025-04-21, 6:10 a.m. EDT	8.9 pCi/L	29.2123 inHg	66.2 °F	48.0 %rH
63	2025-04-21, 7:10 a.m. EDT	8.9 pCi/L	29.2123 inHg	66.2 °F	48.0 %rH
64	2025-04-21, 8:10 a.m. EDT	8.6 pCi/L	29.2217 inHg	65.8 °F	48.0 %rH
65	2025-04-21, 9:10 a.m. EDT	10.8 pCi/L	29.2258 inHg	65.8 °F	48.0 %rH
66	2025-04-21, 10:10 a.m. EDT	11.4 pCi/L	29.2247 inHg	65.8 °F	48.0 %rH
67	2025-04-21, 11:10 a.m. EDT	7.5 pCi/L	29.2229 inHg	66.2 °F	48.0 %rH
68	2025-04-21, 12:10 p.m. EDT	12.2 pCi/L	29.2188 inHg	66.6 °F	47.5 %rH

TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL

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

Statement of Limitations

STATEMENT OF LIMITATIONS

There is an uncertainty with any radon measurement result due to statistical variations in radiation, and other factors such as conditions which change daily and seasonally which can cause variations in indoor radon levels. These conditions can change based on the weather, the use or disuse of appliances, systems, and components of the structure, tampering with the radon test, or failure to comply with the closed-building conditions necessary for a valid radon measurement result.

RADON RISK INFORMATION

Radon causes lung cancer by means of the decay of its daughter products after breathing in air contaminated with higher levels of Radon. The World Health Organization (WHO) estimates that 15% of lung cancers worldwide are caused by exposure to elevated indoor levels of Radon. Overall, radon is the second leading cause of lung cancer responsible for about 21,000 lung cancer deaths every year in the US alone. Radon gas is the number one cause of lung cancer among non-smokers. The U.S. Environmental Protection Agency (EPA), the U.S. Surgeon General, and the Center for Disease Control and Prevention (CDC) strongly recommend that ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy and recommend having the radon levels professionally mitigated if elevated radon concentrations are found.

Understanding Radon Test Results:
Recommended Action Levels vary by country and typically range from 3 pCi/l (100 Bq/m3) to 8 pCi/l (300 Bq/m3). Recommendations below are based on test results by a Continuous Radon Monitor (CRM) Test of at least 48h duration and are based on recommendations by the EPA.

Measured Average Radon Level:
At or above 4.0 pCi/l (148 Bq/m3): Corrective measures to reduce exposure to radon gas is strongly recommended (ANSI MAH2014)
Between 2-4 pCi/l (74-148 Bq/m3): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
Below 2 pCi/l (74 Bq/m3): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

Visit WWW.EPA.GOV/RADON for more information

ADDITIONAL RADON INFORMATION

Renovations, changes in ventilation, earthquakes, settling of the ground beneath the building, and other changes may cause indoor radon exposures to change. Test during different seasons and different weather conditions to reduce your risk of exposure. Radon reduction or longterm testing should be considered when levels are 2.0-3.9 pCi/L. The U.S. Congress has set a long-term goal that indoor radon levels be no more than outdoor levels; about 0.4 pCi/L of radon is normally found in the outside air. With today's technology, radon levels in most homes can be reduced to 2.0 pCi/L or below. The World Health Organization has set their maximum level at 2.7 pCi/L. Because there is no known safe level of exposure to radon, any radon exposure carries some risk. You can reduce your risk of lung cancer by lowering your radon level. No level is risk free, radon is naturally occurring in our environment and there is no 0 level. It is recommended you find out more about radon levels at www.epa.gov/radon. With more information, you can decide what an acceptable radon level is for you.

Long term testing (91 days - up to 1 year) is recommended to obtain an average over different weather conditions and seasons.

You may also want to consider purchasing a home monitor to track your radon levels long term as well as other air quality factors.

RADON MONITOR INFORMATION

Serial Number:	**2700010599**
Calibration Date:	**2025-03-20**
Calibration Expiration Date:	**2026-03-20**
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.**

RADON TESTING COMPANY INFORMATION

Name:	North Georgia Radon Testing
Phone Number:	770-235-7704
Email:	northgeorgiaradon@gmail.com
Address:	North Georgia Radon Testing, Hoschton, GA 30548, USA

CERTIFICATIONS

Name:	Number:	Expiration Date:
NRPP Residential Measurement Professional	108491RMP	02/28/2026
AARST Member	A4944	02/28/2026

RADON PROFESSIONAL'S SIGNATURE

This report is certified by Karen Spinnler.

Karen Spinnler

Electronic Signature

2025-08-18
Hoschton