

Radon Measurement Report



COMPANY INFORMATION



Name:	Sean Williford
Phone Number:	9709003002
Email:	contact@axoninspections.com
Street Address:	2519 South Shields Street
City:	Fort Collins
State/Province/Territory:	Colorado
Postal/ZIP code:	80526
Country:	United States

CERTIFICATIONS

Name:	Number:	Expiration Date:
NRPP Radon Measurement Provider	111518-RT	09/30/2022

PROPERTY INFORMATION



Property Name	Redacted
Street Name:	123 Redacted St.
City:	Loveland
State/Province/Territory:	CO
Postal/ZIP Code:	80538
Country:	United States
Building Year:	1983
Ventilation Type:	None
Building Type:	House
Foundation Type:	Basement Foundation
Radon Mitigation System:	None

MEASUREMENT SUMMARY

RADON LEVEL

10.4 pCi/L

MINIMUM

24.4 pCi/L

AVERAGE

37.9 pCi/L

MAXIMUM

ATMOSPHERIC PRESSURE

84.4700 kPa

MINIMUM

84.8440 kPa

AVERAGE

85.1800 kPa

MAXIMUM

TEMPERATURE

63.7 °F

MINIMUM

64.7 °F

AVERAGE

65.5 °F

MAXIMUM

HUMIDITY

25.0 %rH

MINIMUM

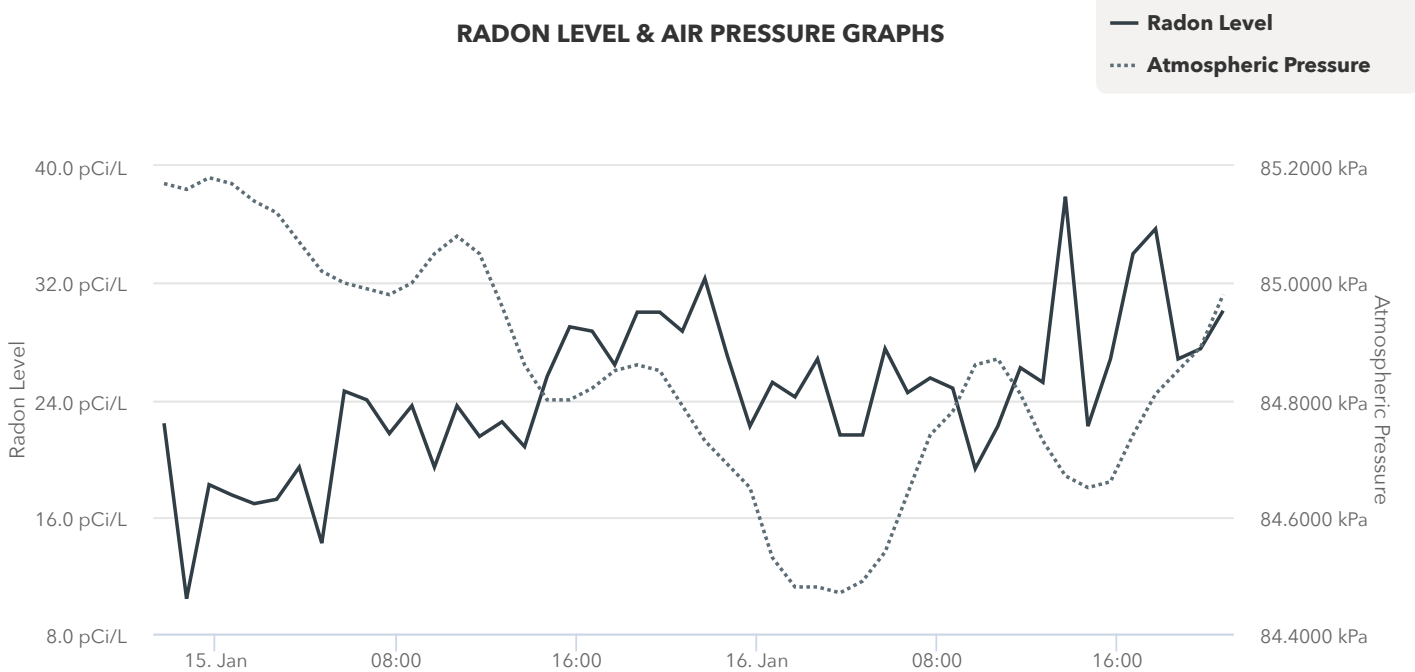
28.2 %rH

AVERAGE

31.0 %rH

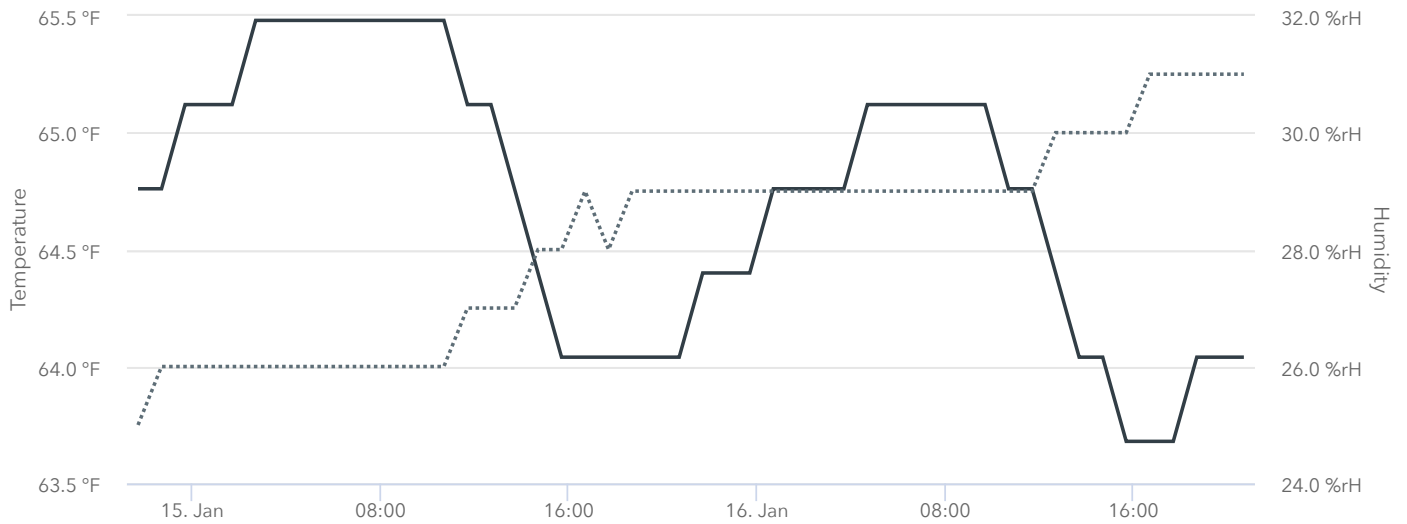
MAXIMUM

RADON LEVEL & AIR PRESSURE GRAPHS



TEMPERATURE & HUMIDITY GRAPHS

— Temperature
 Humidity



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	2021-01-14, 9:41 p.m.	22.4 pCi/L	85.1700 kPa	64.8 °F	25.0 %rH
2	2021-01-14, 10:41 p.m.	10.4 pCi/L	85.1600 kPa	64.8 °F	26.0 %rH
3	2021-01-14, 11:41 p.m.	18.2 pCi/L	85.1800 kPa	65.1 °F	26.0 %rH
4	2021-01-15, 12:41 a.m.	17.5 pCi/L	85.1700 kPa	65.1 °F	26.0 %rH
5	2021-01-15, 1:41 a.m.	16.9 pCi/L	85.1400 kPa	65.1 °F	26.0 %rH
6	2021-01-15, 2:41 a.m.	17.2 pCi/L	85.1200 kPa	65.5 °F	26.0 %rH
7	2021-01-15, 3:41 a.m.	19.4 pCi/L	85.0700 kPa	65.5 °F	26.0 %rH
8	2021-01-15, 4:41 a.m.	14.2 pCi/L	85.0200 kPa	65.5 °F	26.0 %rH
9	2021-01-15, 5:41 a.m.	24.6 pCi/L	85.0000 kPa	65.5 °F	26.0 %rH
10	2021-01-15, 6:41 a.m.	24.0 pCi/L	84.9900 kPa	65.5 °F	26.0 %rH
11	2021-01-15, 7:41 a.m.	21.7 pCi/L	84.9800 kPa	65.5 °F	26.0 %rH
12	2021-01-15, 8:41 a.m.	23.6 pCi/L	85.0000 kPa	65.5 °F	26.0 %rH
13	2021-01-15, 9:41 a.m.	19.4 pCi/L	85.0500 kPa	65.5 °F	26.0 %rH

14	2021-01-15, 10:41 a.m.	23.6 pCi/L	85.0800 kPa	65.5 °F	26.0 %rH
15	2021-01-15, 11:41 a.m.	21.5 pCi/L	85.0500 kPa	65.1 °F	27.0 %rH
16	2021-01-15, 12:41 p.m.	22.5 pCi/L	84.9600 kPa	65.1 °F	27.0 %rH
17	2021-01-15, 1:41 p.m.	20.8 pCi/L	84.8600 kPa	64.8 °F	27.0 %rH
18	2021-01-15, 2:41 p.m.	25.6 pCi/L	84.8000 kPa	64.4 °F	28.0 %rH
19	2021-01-15, 3:41 p.m.	29.0 pCi/L	84.8000 kPa	64.0 °F	28.0 %rH
20	2021-01-15, 4:41 p.m.	28.7 pCi/L	84.8200 kPa	64.0 °F	29.0 %rH
21	2021-01-15, 5:41 p.m.	26.4 pCi/L	84.8500 kPa	64.0 °F	28.0 %rH
22	2021-01-15, 6:41 p.m.	30.0 pCi/L	84.8600 kPa	64.0 °F	29.0 %rH
23	2021-01-15, 7:41 p.m.	30.0 pCi/L	84.8500 kPa	64.0 °F	29.0 %rH
24	2021-01-15, 8:41 p.m.	28.7 pCi/L	84.7900 kPa	64.0 °F	29.0 %rH
25	2021-01-15, 9:41 p.m.	32.3 pCi/L	84.7300 kPa	64.4 °F	29.0 %rH
26	2021-01-15, 10:41 p.m.	27.0 pCi/L	84.6900 kPa	64.4 °F	29.0 %rH
27	2021-01-15, 11:41 p.m.	22.2 pCi/L	84.6500 kPa	64.4 °F	29.0 %rH
28	2021-01-16, 12:41 a.m.	25.2 pCi/L	84.5300 kPa	64.8 °F	29.0 %rH
29	2021-01-16, 1:41 a.m.	24.2 pCi/L	84.4800 kPa	64.8 °F	29.0 %rH
30	2021-01-16, 2:41 a.m.	26.8 pCi/L	84.4800 kPa	64.8 °F	29.0 %rH
31	2021-01-16, 3:41 a.m.	21.6 pCi/L	84.4700 kPa	64.8 °F	29.0 %rH
32	2021-01-16, 4:41 a.m.	21.6 pCi/L	84.4900 kPa	65.1 °F	29.0 %rH
33	2021-01-16, 5:41 a.m.	27.5 pCi/L	84.5400 kPa	65.1 °F	29.0 %rH
34	2021-01-16, 6:41 a.m.	24.5 pCi/L	84.6400 kPa	65.1 °F	29.0 %rH
35	2021-01-16, 7:41 a.m.	25.5 pCi/L	84.7400 kPa	65.1 °F	29.0 %rH
36	2021-01-16, 8:41 a.m.	24.8 pCi/L	84.7800 kPa	65.1 °F	29.0 %rH
37	2021-01-16, 9:41 a.m.	19.3 pCi/L	84.8600 kPa	65.1 °F	29.0 %rH
38	2021-01-16, 10:41 a.m.	22.2 pCi/L	84.8700 kPa	64.8 °F	29.0 %rH
39	2021-01-16, 11:41 a.m.	26.2 pCi/L	84.8100 kPa	64.8 °F	29.0 %rH
40	2021-01-16, 12:41 p.m.	25.2 pCi/L	84.7300 kPa	64.4 °F	30.0 %rH

41	2021-01-16, 1:41 p.m.	37.9 pCi/L	84.6700 kPa	64.0 °F	30.0 %rH
42	2021-01-16, 2:41 p.m.	22.2 pCi/L	84.6500 kPa	64.0 °F	30.0 %rH
43	2021-01-16, 3:41 p.m.	26.8 pCi/L	84.6600 kPa	63.7 °F	30.0 %rH
44	2021-01-16, 4:41 p.m.	34.0 pCi/L	84.7400 kPa	63.7 °F	31.0 %rH
45	2021-01-16, 5:41 p.m.	35.7 pCi/L	84.8100 kPa	63.7 °F	31.0 %rH
46	2021-01-16, 6:41 p.m.	26.8 pCi/L	84.8500 kPa	64.0 °F	31.0 %rH
47	2021-01-16, 7:41 p.m.	27.5 pCi/L	84.8900 kPa	64.0 °F	31.0 %rH
48	2021-01-16, 8:41 p.m.	30.1 pCi/L	84.9800 kPa	64.0 °F	31.0 %rH

TEST INFORMATION



Average Radon Level:	24.4 pCi/L
Dataset Name	Redacted
Start Date:	Jan. 14, 2021, 8:41 p.m.
End Date:	Jan. 16, 2021, 8:41 p.m.
Measurement Duration:	48h
Test Delay:	4h
Floor/Level:	Basement
Room:	Office
Comment:	No comments documented.

TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL



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

Recommended Actions

≥4.0 pCi/L - W/O MITIGATION SYSTEM

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 season 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.

MONITOR INFORMATION



Serial Number:	2700010025
Calibration Date:	2020-10-07
Calibration Expiration Date:	2021-10-07
Manufacturer:	Airthings
Model:	Corentium Pro
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.

TIME REPORT WAS GENERATED



Unique Report ID:	2700010025-2021-01-15T04:41:29Z
Date Report Was Generated:	2021-01-17
Time:	1:47 p.m.

RADON PROFESSIONAL INFORMATION



Name:	Sean Williford
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Phone number:	9709003002

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.

ADDITIONAL RADON INFORMATION

For further information regarding your radon measurement report, radon exposure risk, a radon professional, or to obtain a list of certified radon measurement and mitigation professionals in your area, contact your jurisdiction's Department of Health.

RADON PROFESSIONAL'S SIGNATURE

This report is certified by Sean Williford.

Sean Williford

Electronic Signature

2021-01-17

Loveland