Radon Inspection Report

Test Location:
413 Livingston Ct
Northfield , MN 55057



Testing performed by: Homefax Services
Report Date: October 7, 2026 at 2:08 PM

Testing 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.

*Report compiled with Homebase Scheduling Systems * www.inspectorshomebase.com*

Radon Test Results Summary

The test result is 14.5 pCi/L. The EPA recommends mitigation at 4.0 pCi/L and above. See the attached report for specific recommended action regarding your results.

Recommended Action

Test result is 4.0 pCi/L or greater: • Fix the building if test results indicate occupants may be exposed to radon concentrations that meet or exceed the EPA action level of 4.0 pCi/L. • Efforts to reduce radon concentrations are not complete until a retest provides evidence of effectiveness. •Complete a short term radon test between 24 hours and 30 days after the installation of a mitigation system. •Retest every 2 years to ensure the system remains effective

The standard test period for a real estate transaction is 48 hours. However, AARST and the Minnesota Department of Health allow as few as 46 hourly readings. We always strive to include 48 hourly reading for a test. However, occasionally, due to scheduling efficient routes, inspection contingency deadlines and home access limitations this test may include as few as 46 hourly readings. This practice is acceptable as stated in the AARST standards (https://standards.aarst.org/MAH-2023/10/index.html#zoom=z)

5.1.2 Short-term testing

"While deployment periods should optimally collect at least 48 hours of valid sampling time, deployment periods are required to be not less than 46 hours. ..."

Homefax Services does not provide radon mitigation services. If the results listed above indicate that Mitigation is recommended, please ask your home inspector for a referral to a mitigation company or try contacting one of these fine companies listed below.

Standard Water & Radon Control Systems Licensed Radon Mitigation, Drain Tile & Water Control, Foundation Repair and Crawl Space Encapsulation (763) 415-7639 https://standardwater.com service@standardwater.com

Radon Removal Inc. (952) 476-6226 https://fixradon.com rweestrand@aol.com

Problem Solved H.I.S., LLC (651) 308-1538 www.problemsolvedhis.com

RC Fields Radon Services 612-568-1234 https://www.rcfieldshomeinspections.com service@rcfieldshomeinspections.com

Radon Test Results Details

Building Year: Unknown

Test Type: (I) Initial

Mitigation System: None

A single monitor was placed in the lowest livable level of the home according to Department of Health protocols

CRM# 7284

Test Type: Standard * Room: Basement * Floor: 0 * Foundation Type: BAS

Make: Airthings * Model: Corentium Pro
Ser. 2700017284 * Calibration Date 5/4/26 * Device Code 16



TEST INFORMATION

Average Radon Level:	14.5 pCi/L
Dataset Name:	Premier
Measurement Type:	Initial
Start Date:	Oct 5, 2026, 3:11 p.m. CDT
End Date:	Oct 7, 2026, 1:11 p.m. CDT
Measurement Duration:	46h
Floor/Level:	
Room:	
Comment:	No comments documented.

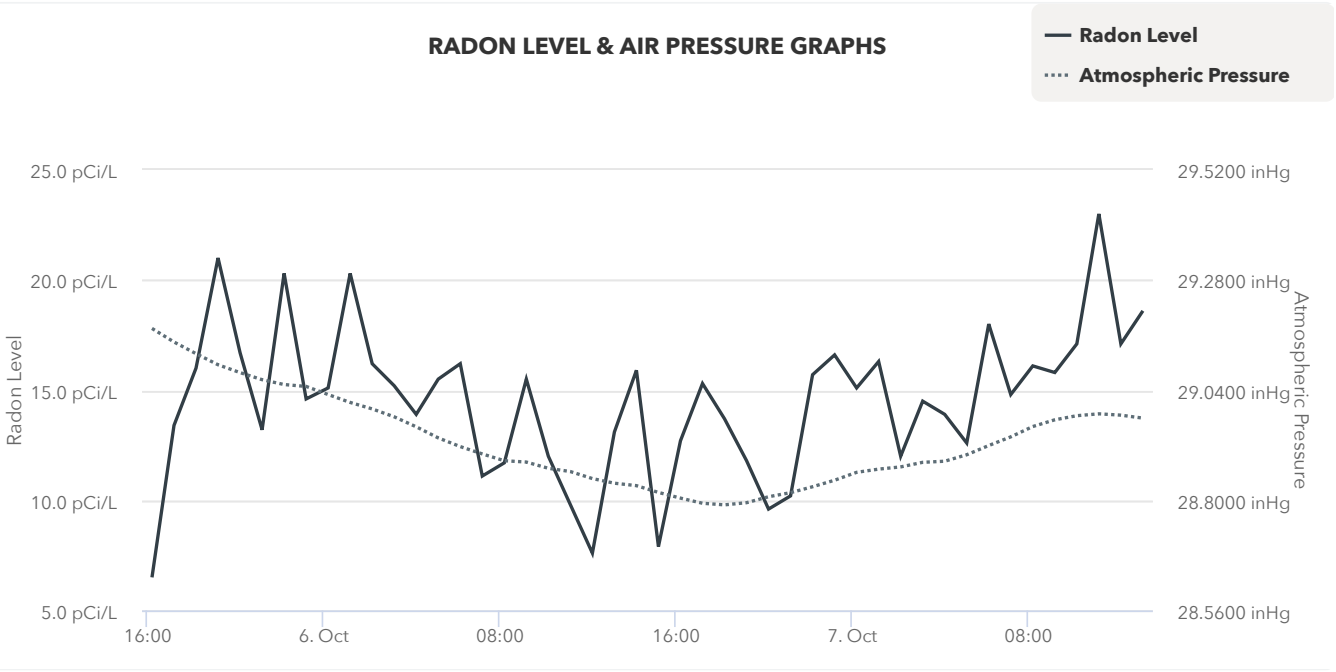
MEASUREMENT SUMMARY

	MINIMUM	AVERAGE	MAXIMUM
LEVEL OF RADON	6.5 pCi/L	14.5 pCi/L	23.0 pCi/L
TEMPERATURE	65.8 °F	66.8 °F	70.9 °F
HUMIDITY	51.5 %rH	64.8 %rH	67.0 %rH
ATMOSPHERIC PRESSURE	28.7900 inHg	28.9311 inHg	29.1745 inHg

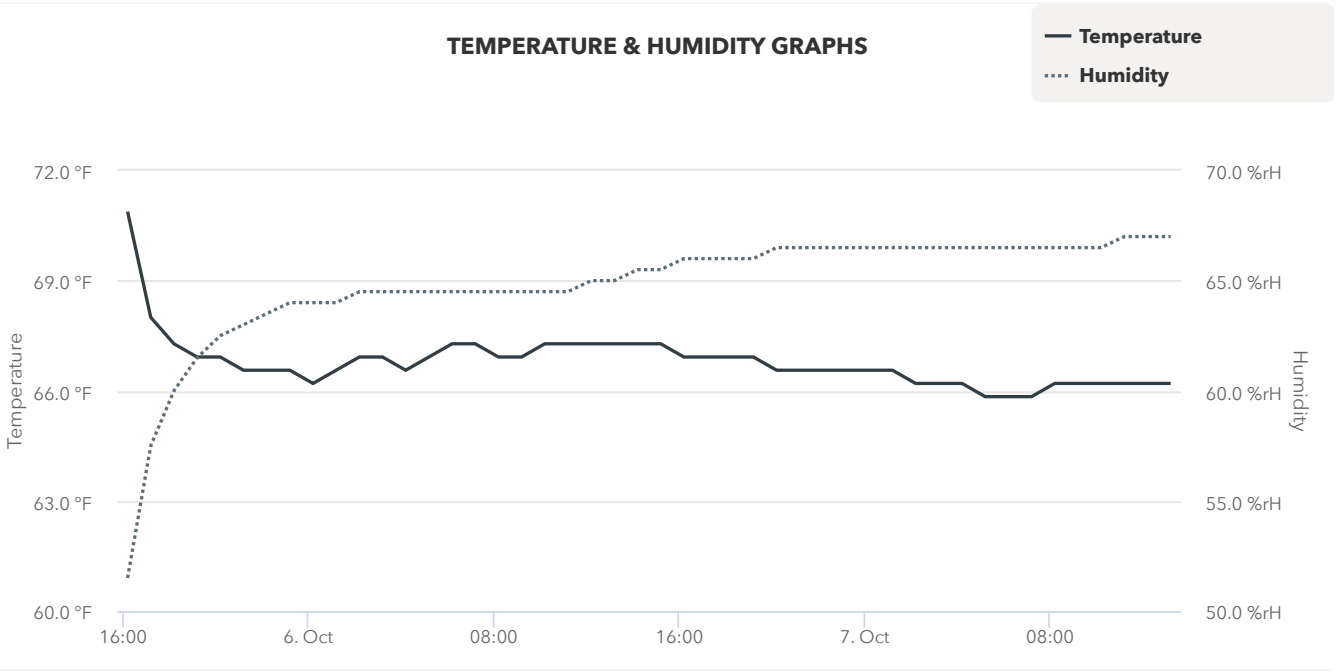
MONITOR INFORMATION

Serial Number:	2700017284
Calibration Date:	2026-05-04
Calibration Expiration Date:	2027-05-04
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 LEVEL & AIR PRESSURE GRAPHS



TEMPERATURE & HUMIDITY GRAPHS



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	2026-10-05, 4:11 p.m. CDT	6.5 pCi/L	29.1745 inHg	70.9 °F	51.5 %rH
2	2026-10-05, 5:11 p.m. CDT	13.4 pCi/L	29.1449 inHg	68.0 °F	57.5 %rH
3	2026-10-05, 6:11 p.m. CDT	16.0 pCi/L	29.1195 inHg	67.3 °F	60.0 %rH
4	2026-10-05, 7:11 p.m. CDT	21.0 pCi/L	29.0953 inHg	66.9 °F	61.5 %rH
5	2026-10-05, 8:11 p.m. CDT	16.7 pCi/L	29.0782 inHg	66.9 °F	62.5 %rH
6	2026-10-05, 9:11 p.m. CDT	13.2 pCi/L	29.0628 inHg	66.6 °F	63.0 %rH
7	2026-10-05, 10:11 p.m. CDT	20.3 pCi/L	29.0522 inHg	66.6 °F	63.5 %rH
8	2026-10-05, 11:11 p.m. CDT	14.6 pCi/L	29.0481 inHg	66.6 °F	64.0 %rH
9	2026-10-06, 12:11 a.m. CDT	15.1 pCi/L	29.0304 inHg	66.2 °F	64.0 %rH
10	2026-10-06, 1:11 a.m. CDT	20.3 pCi/L	29.0132 inHg	66.6 °F	64.0 %rH
11	2026-10-06, 2:11 a.m. CDT	16.2 pCi/L	28.9991 inHg	66.9 °F	64.5 %rH
12	2026-10-06, 3:11 a.m. CDT	15.2 pCi/L	28.9819 inHg	66.9 °F	64.5 %rH
13	2026-10-06, 4:11 a.m. CDT	13.9 pCi/L	28.9601 inHg	66.6 °F	64.5 %rH
14	2026-10-06, 5:11 a.m. CDT	15.5 pCi/L	28.9359 inHg	66.9 °F	64.5 %rH
15	2026-10-06, 6:11 a.m. CDT	16.2 pCi/L	28.9170 inHg	67.3 °F	64.5 %rH
16	2026-10-06, 7:11 a.m. CDT	11.1 pCi/L	28.9010 inHg	67.3 °F	64.5 %rH
17	2026-10-06, 8:11 a.m. CDT	11.7 pCi/L	28.8862 inHg	66.9 °F	64.5 %rH
18	2026-10-06, 9:11 a.m. CDT	15.5 pCi/L	28.8833 inHg	66.9 °F	64.5 %rH
19	2026-10-06, 10:11 a.m. CDT	12.0 pCi/L	28.8697 inHg	67.3 °F	64.5 %rH
20	2026-10-06, 11:11 a.m. CDT	9.8 pCi/L	28.8626 inHg	67.3 °F	64.5 %rH
21	2026-10-06, 12:11 p.m. CDT	7.6 pCi/L	28.8473 inHg	67.3 °F	65.0 %rH
22	2026-10-06, 1:11 p.m. CDT	13.1 pCi/L	28.8372 inHg	67.3 °F	65.0 %rH
23	2026-10-06, 2:11 p.m. CDT	15.9 pCi/L	28.8319 inHg	67.3 °F	65.5 %rH
24	2026-10-06, 3:11 p.m. CDT	7.9 pCi/L	28.8171 inHg	67.3 °F	65.5 %rH
25	2026-10-06, 4:11 p.m. CDT	12.7 pCi/L	28.8047 inHg	66.9 °F	66.0 %rH
26	2026-10-06, 5:11 p.m. CDT	15.3 pCi/L	28.7935 inHg	66.9 °F	66.0 %rH
27	2026-10-06, 6:11 p.m. CDT	13.7 pCi/L	28.7900 inHg	66.9 °F	66.0 %rH
28	2026-10-06, 7:11 p.m. CDT	11.8 pCi/L	28.7947 inHg	66.9 °F	66.0 %rH
29	2026-10-06, 8:11 p.m. CDT	9.6 pCi/L	28.8077 inHg	66.6 °F	66.5 %rH
30	2026-10-06, 9:11 p.m. CDT	10.2 pCi/L	28.8166 inHg	66.6 °F	66.5 %rH
31	2026-10-06, 10:11 p.m. CDT	15.7 pCi/L	28.8295 inHg	66.6 °F	66.5 %rH
32	2026-10-06, 11:11 p.m. CDT	16.6 pCi/L	28.8437 inHg	66.6 °F	66.5 %rH

33	2026-10-07, 12:11 a.m. CDT	**15.1 pCi/L**	**28.8609 inHg**	**66.6 °F**	**66.5 %rH**
34	2026-10-07, 1:11 a.m. CDT	**16.3 pCi/L**	**28.8679 inHg**	**66.6 °F**	**66.5 %rH**
35	2026-10-07, 2:11 a.m. CDT	**12.0 pCi/L**	**28.8727 inHg**	**66.2 °F**	**66.5 %rH**
36	2026-10-07, 3:11 a.m. CDT	**14.5 pCi/L**	**28.8827 inHg**	**66.2 °F**	**66.5 %rH**
37	2026-10-07, 4:11 a.m. CDT	**13.9 pCi/L**	**28.8851 inHg**	**66.2 °F**	**66.5 %rH**
38	2026-10-07, 5:11 a.m. CDT	**12.6 pCi/L**	**28.8992 inHg**	**65.8 °F**	**66.5 %rH**
39	2026-10-07, 6:11 a.m. CDT	**18.0 pCi/L**	**28.9193 inHg**	**65.8 °F**	**66.5 %rH**
40	2026-10-07, 7:11 a.m. CDT	**14.8 pCi/L**	**28.9382 inHg**	**65.8 °F**	**66.5 %rH**
41	2026-10-07, 8:11 a.m. CDT	**16.1 pCi/L**	**28.9607 inHg**	**66.2 °F**	**66.5 %rH**
42	2026-10-07, 9:11 a.m. CDT	**15.8 pCi/L**	**28.9754 inHg**	**66.2 °F**	**66.5 %rH**
43	2026-10-07, 10:11 a.m. CDT	**17.1 pCi/L**	**28.9843 inHg**	**66.2 °F**	**66.5 %rH**
44	2026-10-07, 11:11 a.m. CDT	**23.0 pCi/L**	**28.9884 inHg**	**66.2 °F**	**67.0 %rH**
45	2026-10-07, 12:11 p.m. CDT	**17.1 pCi/L**	**28.9855 inHg**	**66.2 °F**	**67.0 %rH**
46	2026-10-07, 1:11 p.m. CDT	**18.6 pCi/L**	**28.9790 inHg**	**66.2 °F**	**67.0 %rH**

Temporary Test Conditions

Conditions observed during the test

Radon levels in a home can be influenced by many factors including weather, season, living conditions and occupancy patterns. Temporary conditions observed during the testing period may cause the test to not reflect the client's risk from radon. The radon levels stated for this time period may have been influenced by the following conditions observed at the start and end of the test.

Setup Responses shown in Green	Pickup Responses shown in Red
Was this a valid test?	
-	Yes
If not valid - What was the reason?	
-	N/A
Was the Non-interference agreement signed?	
-	No
The Required Conditions Were Observed At Deployment?	
Yes	-
The Required Conditions Were Observed At Retrieval?	
-	Yes
Building Type:	
Residential	-
Is this a Real Estate Transaction?	
Yes	-
Passive air supply status:	
Not Found	Not Found
Heating System Type:	
-	Hydronic Radiator
Forced Air Fan Setting:	
N/A	N/A
The Thermostat was set in the normal range between 65 - 80° F:	
Yes	Yes
Heat/Energy Recovery Ventilator (Air Exchanger) Setting:	
Not Present or Not Found	Not Present or Not Found
Building Occupancy Status During Testing:	
Not Occupied	Not Occupied

Testing device(s) placement DID meet minimum requirements of the standards.:

-

	Yes

Are there indications that the test device may have been moved or tampered with?	
-	**No**

If Yes, describe observations:	
-	**N/A**

There were severe storms or periods of high winds during the test:	
-	**No**

Unavoidable construction activities were being done to the house that could possibly have affected the radon levels. See comment section for details:	
-	**No**

Any additional Technician's comments (if any) will be listed at the beginning of the ***Radon Test Results Details*** section on page two.

AARST
Radon Testing General Recommendations

If the test result is 4.0 pCi/L or greater:

- Fix the building if test results indicate occupants may be exposed to radon concentrations that meet or exceed the EPA action level of 4.0 pCi/L.
- Efforts to reduce radon concentrations are not complete until a retest provides evidence of effectiveness.
    - Complete a short term radon test between 24 hours and 30 days after the installation of a mitigation system.
    - Retest every 2 years to ensure the system remains effective.

If the test result is between 2.0 and 4.0 pCi/L:

- Consider fixing the building if the test results indicate radon levels greater than half the action level.
- Tests conducted when heating systems are active both day and night are more likely to provide a clear characterization of potential radon hazards.

When to Retest

- Retest every 5 years if NO mitigation system is installed.
- Retest in conjunction with the sale of any new or existing buildings.
- Be certain to test again if and when any of the following circumstances occur:
    - A new addition is constructed or alterations for building rehab or reconfiguration occur;
    - A ground contact area not previously tested is occupied, or a home is newly occupied;
    - Heating and cooling systems are significantly altered;
    - Ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures;
    - Significant openings to the soil occur due to:
        - Groundwater or slab surface water control systems that are altered or added (ex. sumps, perimeter drain tile, shower/tub retrofits) or,
        - Natural settlement causing major cracks to develop
    - Earthquakes, construction blasting, or formation of sink holes nearby; or
    - A mitigation system is altered, modified or repaired.

Radon Information

More information about radon is available by contacting the MDH - Minnesota Department of Health at:

Phone: 651-201-4601 Website: https://www.health.state.mn.us/radon Email: health.indoorair@state.mn.us

Testing Company Information

Company:	Homefax Services
Phone:	612-900-3191
Email:	office@homefaxservices.com
Address:	7429 Concerto Curve NE, Fridley, MN 55432

Setup Professional

Name:	Renae Christensen
Title:	Minnesota Department of Health- Residential Radon Measurement
Number:	RMEA-00236
Expiration Date:	5/6/27

Pickup Professional

Name:	Lisa Laurent
Title:	Minnesota Department of Health- Residential Radon Measurement
Number:	RMEA-00012
Expiration Date:	1/1/27

This Report is Certified By:

Lisa Laurent _____ Date: 10/7/26, 2:08 PM

Lisa Laurent * RMEA-00012 * 1/1/27