

# Radon Measurement Survey



## COMPANY INFORMATION



Name:	Triangle Inspection Group
Phone Number:	919-247-2617
Email:	Office@TriangleInspectionGroup.com
Address:	110 W Laurenbrook Ct, Cary, NC 27518, USA

## PROPERTY INFORMATION



Address:	Raleigh, NC	, United States
Building Year:	2023	
Ventilation Type:	Soffit and Ridge	
Building Type:	Townhouse (attached)	
Foundation Type:	Slab	
Radon Mitigation System:	None	

## CUSTOMER INFORMATION



Name:  
Address:  
Phone Number:  
Email Address:

## RADON PROFESSIONAL INFORMATION



Name: Scott Makseyn  
Email address: scott@triangleinspectiongroup.com  
Phone number: 919-247-4616

### PROFESSIONAL CERTIFICATIONS

Name: INAC Certified Radon Inspector  
Number: CRS00002464  
Expiration Date: 08/01/2028

## REPORT SUMMARY



LEVEL OF RADON

AVERAGE  
9.7 pCi/L



MEASUREMENT ADDRESS

[REDACTED]  
Raleigh, NC, [REDACTED], United States



REPORT DURATION

START DATE  
Sept 9, 2023, 1:54  
a.m. EDT

DURATION  
48h

END DATE  
Sept 11, 2023, 1:54  
a.m. EDT



OTHER INFORMATION

ROOM  
Bedroom

FLOOR  
First

TYPE  
Real-Estate  
Transaction

## Recommended Actions

### THE AVERAGE MEASURED LEVEL IS GREATER 4.0 pCi/L

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.

## TEST INFORMATION



Average Radon Level:	9.7 pCi/L
Dataset Name:	
Measurement Type:	Real-Estate Transaction
Start Date:	Sept 9, 2023, 1:54 a.m. EDT
End Date:	Sept 11, 2023, 1:54 a.m. EDT
Measurement Duration:	48h
Test Delay:	12h
Floor/Level:	First
Room:	Bedroom
Comment:	No comments documented.

## TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL



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

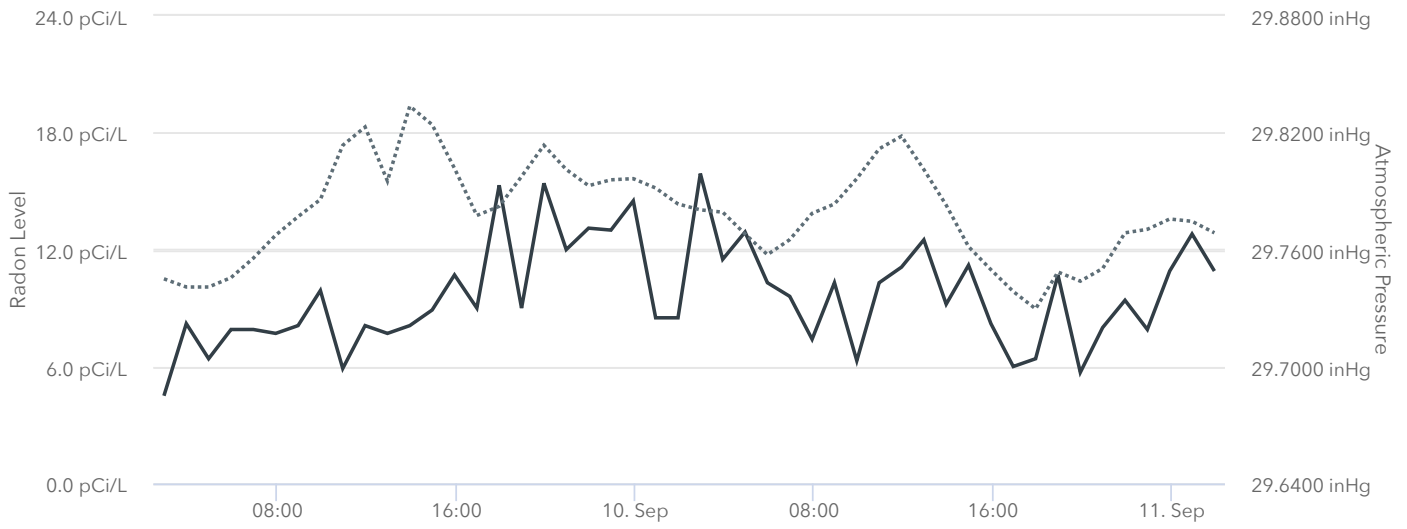
## Report Data

### MEASUREMENT SUMMARY

LEVEL OF RADON	<b>MINIMUM</b> 4.5 pCi/L	<b>AVERAGE</b> 9.7 pCi/L	<b>MAXIMUM</b> 15.9 pCi/L
TEMPERATURE	<b>MINIMUM</b> 77.4 °F	<b>AVERAGE</b> 79.1 °F	<b>MAXIMUM</b> 81.3 °F
HUMIDITY	<b>MINIMUM</b> 64.5 %rH	<b>AVERAGE</b> 65.3 %rH	<b>MAXIMUM</b> 66.5 %rH
ATMOSPHERIC PRESSURE	<b>MINIMUM</b> 29.7296 inHg	<b>AVERAGE</b> 29.7788 inHg	<b>MAXIMUM</b> 29.8336 inHg

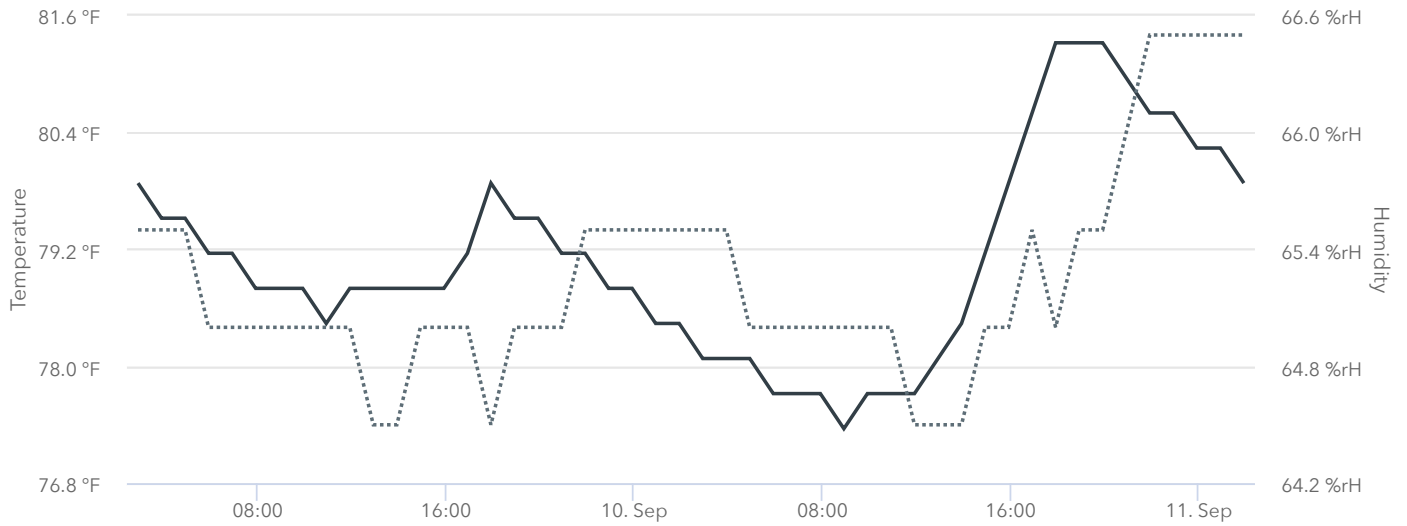
### RADON LEVEL & AIR PRESSURE GRAPHS

— Radon Level  
 ..... Atmospheric Pressure



### 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	2023-09-09, 2:54 a.m. EDT	4.5 pCi/L	29.7450 inHg	79.9 °F	65.5 %rH
2	2023-09-09, 3:54 a.m. EDT	8.2 pCi/L	29.7408 inHg	79.5 °F	65.5 %rH
3	2023-09-09, 4:54 a.m. EDT	6.4 pCi/L	29.7408 inHg	79.5 °F	65.5 %rH
4	2023-09-09, 5:54 a.m. EDT	7.9 pCi/L	29.7456 inHg	79.2 °F	65.0 %rH
5	2023-09-09, 6:54 a.m. EDT	7.9 pCi/L	29.7556 inHg	79.2 °F	65.0 %rH
6	2023-09-09, 7:54 a.m. EDT	7.7 pCi/L	29.7674 inHg	78.8 °F	65.0 %rH
7	2023-09-09, 8:54 a.m. EDT	8.1 pCi/L	29.7769 inHg	78.8 °F	65.0 %rH
8	2023-09-09, 9:54 a.m. EDT	9.9 pCi/L	29.7857 inHg	78.8 °F	65.0 %rH
9	2023-09-09, 10:54 a.m. EDT	5.9 pCi/L	29.8135 inHg	78.4 °F	65.0 %rH
10	2023-09-09, 11:54 a.m. EDT	8.1 pCi/L	29.8229 inHg	78.8 °F	65.0 %rH
11	2023-09-09, 12:54 p.m. EDT	7.7 pCi/L	29.7952 inHg	78.8 °F	64.5 %rH
12	2023-09-09, 1:54 p.m. EDT	8.1 pCi/L	29.8336 inHg	78.8 °F	64.5 %rH
13	2023-09-09, 2:54 p.m. EDT	8.9 pCi/L	29.8241 inHg	78.8 °F	65.0 %rH
14	2023-09-09, 3:54 p.m. EDT	10.7 pCi/L	29.8017 inHg	78.8 °F	65.0 %rH
15	2023-09-09, 4:54 p.m. EDT	9.0 pCi/L	29.7775 inHg	79.2 °F	65.0 %rH
16	2023-09-09, 5:54 p.m. EDT	15.3 pCi/L	29.7822 inHg	79.9 °F	64.5 %rH
17	2023-09-09, 6:54 p.m. EDT	9.0 pCi/L	29.7975 inHg	79.5 °F	65.0 %rH
18	2023-09-09, 7:54 p.m. EDT	15.4 pCi/L	29.8135 inHg	79.5 °F	65.0 %rH
19	2023-09-09, 8:54 p.m. EDT	12.0 pCi/L	29.8011 inHg	79.2 °F	65.0 %rH
20	2023-09-09, 9:54 p.m. EDT	13.1 pCi/L	29.7928 inHg	79.2 °F	65.5 %rH
21	2023-09-09, 10:54 p.m. EDT	13.0 pCi/L	29.7958 inHg	78.8 °F	65.5 %rH
22	2023-09-09, 11:54 p.m. EDT	14.5 pCi/L	29.7964 inHg	78.8 °F	65.5 %rH
23	2023-09-10, 12:54 a.m. EDT	8.5 pCi/L	29.7916 inHg	78.4 °F	65.5 %rH
24	2023-09-10, 1:54 a.m. EDT	8.5 pCi/L	29.7834 inHg	78.4 °F	65.5 %rH
25	2023-09-10, 2:54 a.m. EDT	15.9 pCi/L	29.7804 inHg	78.1 °F	65.5 %rH
26	2023-09-10, 3:54 a.m. EDT	11.5 pCi/L	29.7792 inHg	78.1 °F	65.5 %rH
27	2023-09-10, 4:54 a.m. EDT	12.9 pCi/L	29.7680 inHg	78.1 °F	65.0 %rH
28	2023-09-10, 5:54 a.m. EDT	10.3 pCi/L	29.7574 inHg	77.7 °F	65.0 %rH
29	2023-09-10, 6:54 a.m. EDT	9.6 pCi/L	29.7651 inHg	77.7 °F	65.0 %rH
30	2023-09-10, 7:54 a.m. EDT	7.4 pCi/L	29.7786 inHg	77.7 °F	65.0 %rH
31	2023-09-10, 8:54 a.m. EDT	10.3 pCi/L	29.7834 inHg	77.4 °F	65.0 %rH
32	2023-09-10, 9:54 a.m. EDT	6.3 pCi/L	29.7964 inHg	77.7 °F	65.0 %rH

33	2023-09-10, 10:54 a.m. EDT	10.3 pCi/L	29.8117 inHg	77.7 °F	65.0 %rH
34	2023-09-10, 11:54 a.m. EDT	11.1 pCi/L	29.8182 inHg	77.7 °F	64.5 %rH
35	2023-09-10, 12:54 p.m. EDT	12.5 pCi/L	29.8011 inHg	78.1 °F	64.5 %rH
36	2023-09-10, 1:54 p.m. EDT	9.2 pCi/L	29.7828 inHg	78.4 °F	64.5 %rH
37	2023-09-10, 2:54 p.m. EDT	11.2 pCi/L	29.7615 inHg	79.2 °F	65.0 %rH
38	2023-09-10, 3:54 p.m. EDT	8.2 pCi/L	29.7497 inHg	79.9 °F	65.0 %rH
39	2023-09-10, 4:54 p.m. EDT	6.0 pCi/L	29.7385 inHg	80.6 °F	65.5 %rH
40	2023-09-10, 5:54 p.m. EDT	6.4 pCi/L	29.7296 inHg	81.3 °F	65.0 %rH
41	2023-09-10, 6:54 p.m. EDT	10.7 pCi/L	29.7485 inHg	81.3 °F	65.5 %rH
42	2023-09-10, 7:54 p.m. EDT	5.7 pCi/L	29.7438 inHg	81.3 °F	65.5 %rH
43	2023-09-10, 8:54 p.m. EDT	8.0 pCi/L	29.7503 inHg	81.0 °F	66.0 %rH
44	2023-09-10, 9:54 p.m. EDT	9.4 pCi/L	29.7686 inHg	80.6 °F	66.5 %rH
45	2023-09-10, 10:54 p.m. EDT	7.9 pCi/L	29.7704 inHg	80.6 °F	66.5 %rH
46	2023-09-10, 11:54 p.m. EDT	10.9 pCi/L	29.7757 inHg	80.2 °F	66.5 %rH
47	2023-09-11, 12:54 a.m. EDT	12.8 pCi/L	29.7745 inHg	80.2 °F	66.5 %rH
48	2023-09-11, 1:54 a.m. EDT	10.9 pCi/L	29.7686 inHg	79.9 °F	66.5 %rH

#### STATEMENT OF LIMITATIONS

**While every effort was made to maintain optimum quality control and EPA Protocol during the testing period, neither (Triangle Inspection Group) or its Inspectors provide any warranty, expressed or implied, for the consequences of erroneous test results. There can be some uncertainty with any measurement due to statistical variations, extreme weather changes, operation of the building, and other factors, Triangle Inspection Group and its licensed operators shall not be liable under any charge or claim for losses, claims, charges, fees, demands, expenses, or damages resulting from a radon test. This report is subject to the terms contract document. These results should be interpreted in accordance with the EPA's guidance as published in EPA Publication No. 402-K- 008 'Home Buyer's and Seller's Guide to Radon' and EPA Publication No. 402-K92-001, 'Citizen's Guide to Radon'. Because radon is the second leading cause of lung cancer, the Surgeon General and the US Environmental Protection Agency (EPA) recommend testing all homes for radon and mitigating those with an average concentration of 4 picoCuries per liter (4 pCi/L) or higher. Even if your test result is below 4 pCi/L, EPA suggests testing again sometime in the future.**

#### RADON PROFESSIONAL

This report is certified by Scott Makseyn.

*Scott Makseyn*

Electronic Signature

2023-09-11