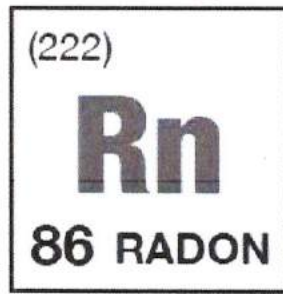
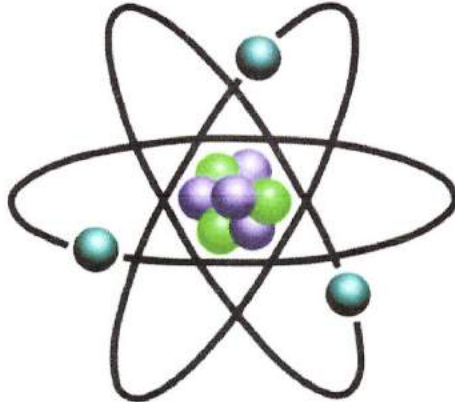


Radon Measurement Report

2720 Meadowdale Lane
Woodridge, IL 60517



RADON (Rn-222)

Prepared by John Reiss
IL Lic RNI2012218

Job #: R19-1012-0408



www.SURECHEKHomeInspection.com



Radon Measurement Report Summary

Property Address:
2720 Meadowdale Ln, Woodridge, IL 60517

The EPA recommends that action be taken to lower radon levels if the average is at or above the EPA protocol of 4.0 pCi/L.

Monitor Number	Placement of Testing Device	EPA Avg	
80599088	Dining Room (Slab On Grade) Duplicate Test	10.5	pCi/l
80599125	Dining Room (Slab On Grade) Duplicate Test	11.2	pCi/l
		10.9	pCi/l

AVERAGE RADON MEASUREMENT IN THE LOWEST LIVEABLE AREA: 10.9 pCi/l

The measured level of Radon **EXCEEDS** the U.S. EPA action level of 4.0 pCi/l.

This report shows the measured radon levels in Picocuries Per Liter (pCi/l). The measurement was conducted using a factory calibrated Sun Nuclear (Model 1027) Continuous Radon Monitor (CRM), and was conducted in accordance with test protocols established by the US EPA as well as the requirements set forth in *32 Illinois Administrative Code, Part 422*.

The test data obtained from the CRM upon completion of the test is shown in the column to the left. The numbers listed in sequential order represent the hourly radon measurements obtained by the CRM during the test period. Within this area of the report, the letter "P" or "T" may appear next to the given value. "P" indicates that during this measurement interval, a power interruption occurred. "T" indicates that, during this measurement interval, the CRM was disturbed or moved.

The "Overall Avg." is the simple average of all the hourly measurements listed sequentially. The "EPA Average" is also the simple average of all of the hourly measurements, except for the first four (4) hours. The "EPA Average" is computed in a manner consistent with the test protocols cited above.

The US EPA and the Surgeon General strongly recommend taking further action when the test results are 4.0 pCi/L or higher. Radon levels less than 4.0 pCi/l still pose some risk and in most cases, can be reduced. If the test levels are between 2.0 and 4.0, the EPA recommends that you consider taking further action.

Radon mitigation is usually a fairly simple process that nevertheless should be performed by an Illinois state licensed mitigation contractor. A current list of contractors may be obtained from the Illinois Emergency Management Agency (www.state.il.us/iema.org) or from this office.

X	Test was taken during defined closed house conditions as outlined by IEMA / EPA
X	No evidence of tampering with the test device(s) during the test period was noted.

SURECHEK Home Inspection Services

www.SURECHEKHomeInspection.com

Radon Measurement Test Set-Up

Property Address:	2720 Meadowdale Ln, Woodridge, IL 60517		
Radon Specialist:	John Reiss (RNI2012218, Exp. 12/31/22)		
Test Start Date & Time:	4/8/19 12:10 PM		
Monitor 1 Location:	CRM# 80599088	Dining Room (Slab On Grade)	Duplicate Test
Monitor 2 Location:	CRM# 80599125	Dining Room (Slab On Grade)	Duplicate Test
Monitor 3 Location:			
Test End Date & Time:	4/10/19 1:10 PM		
Test Duration (Hrs):	49 Hrs 00 Min		

Comments: Vacant House, Duplicate Test

EPA Testing Protocols:

Protocol	Yes	No
Closed building conditions 12 hours prior to and for duration of testing period.*	X	
Device deployed on lowest occupiable level of home.	X	
Device deployed in frequently occupied room where device is not likely to be disturbed.	X	
All ventilation systems that exchange air to outside - OFF.	X	
Device deployed at least 20 inches above the floor.	X	
Device deployed at least 3 feet from an opening in an exterior wall where no openings exist.	X	
Device has at least 4 inches of space around it to allow radon gas in.	X	
Device deployed out of direct air drafts.	X	
Device deployed out of direct sunlight.	X	
Device not deployed in areas of high humidity (ex: kitchen, bathroom)	X	
Conduct test for at least 48 hours.	X	

* All exterior doors and windows closed other than normal entry and exit all during the test and for 12 hours prior to initiation of the test.

Additional Radon Measurement Testing Security Measures:

Device includes tamper detection functionality.	X	
Specialty tamper detection tape applied to windows to detect being opened.		X
Door tags placed to warn of testing environment on all exterior doors.	X	

R19-1012-0408

Placement Diagram



Test Location(s): 2720 Meadowdale Ln, Woodridge, IL 60517 Placement Date: 4-8-19

Symbol:	Abbreviations:	Notes:
	RR Recreation Room	Foundation Basement Slab On Grade X Crawlspace
	FR Family Room	Basement Finished Unfinished Partial
	DR Dining Room	Crawl Space Concrete Gravel Sealed
	BSMT Basement	Sump Pit Sealed Unsealed None X
	S-BSMT Sub-Basement	Ejector Pit Sealed Unsealed None X
	UR Utility Room	Floor Cracks Sealed Unsealed None X
	LND Laundry Room	Perm.Vents Fireplace X Crawlspace Basement
	LR Living Room	Perm Vent Status Closed X Open None
	BATH Bathroom	Mitg System Active Passive None X
	OFC Office	
	BR Bedroom	

Notes: Vacant, Duplicate Test

North



Drawing not exact to scale.

Approx. Scale: 1/4" = 1ft

COMMENTS: Continuous Radon Monitor Placement

CRM# 80599088
CRM# 80599125

Dining Room (Slab On Grade) Duplicate Test
Dining Room (Slab On Grade) Duplicate Test

* CRM shall be placed 3' from doors, windows, vent ducts, exterior walls / 20" - 6' from floor / 4" from objects vertical or horizontal / 4' from heat, furnace, direct sunlight / out of direct air flow from ducts, etc.

SURECHEK Home Inspection Services
Woodridge, IL 60517
John Reiss - Radon Measurement Professional
IL Lic # RNI2012218 Exp.12/31/22

Professional
Radon Monitor

Start Date : 4/8/2019
Start Time : 12:10:00 PM
End Date : 4/10/2019
End Time : 1:10:00 PM
Serial # : 80599125
Location : Dining Room (Slab On Grade)

Signature: *John Reiss*

Data in pCi/l
Time Interval 1 Hr

3.1	9.6	7.6
7.6	8.7	9.6
8.0	9.2	10.3
9.6	12.8	12.5
12.8	10.8	10.3
10.0	12.8	13.2
10.3	16.1	15.6
17.6	16.5	10.8
10.8	9.2	10.8
7.6	10.3	8.3
9.6	9.6	10.3
11.6	11.6	10.8
10.0	12.8	11.6
8.7	13.2	12.5
13.2	11.2	8.3
10.8	9.6	9.6
6.7		

Overall Avg.=10.8

EPA Protocol Avg.=11.2

R19-1012-0408
2720 Meadowdale Ln, Woodridge, IL 60517
CRM#80599125 Calib. 9/13/18

SURECHEK Home Inspection Services
Woodridge, IL 60517
John Reiss - Radon Measurement Professional
IL Lic # RNI2012218 Exp.12/31/22

Professional
Radon Monitor

Start Date : 4/8/2019
Start Time : 12:10:00 PM
End Date : 4/10/2019
End Time : 1:10:00 PM
Serial # : 80599088
Location : Dining Room (Slab On Grade)

Signature: *John Reiss*

Data in pCi/l
Time Interval 1 Hr

T	4.0	8.0	10.0
	8.0	6.3	6.0
	6.0	10.3	9.2
	8.0	8.3	14.5
	15.6	12.5	12.8
	9.2	10.3	12.8
	12.5	17.2	12.8
	13.2	10.3	8.3
	11.2	11.2	8.7
	11.2	8.0	6.3
	6.3	7.6	7.6
	10.0	6.7	8.0
	12.5	12.0	11.2
	12.0	13.6	14.0
	14.0	7.6	13.6
	10.0	10.8	10.0
	8.7		

Overall Avg.=10.3
EPA Protocol Avg.=10.5

R19-1012-0408
2720 Meadowdale Ln, Woodridge, IL 60517
CRM#80599088 Calib. 7/3/18