Radon Report

Site Address:
161 Ridley Lane
Litchfield, ME, 04350
USA

Inspection Date:
Sep 13, 2021

Report Prepared For:
Sarah Berry & Donald Holt

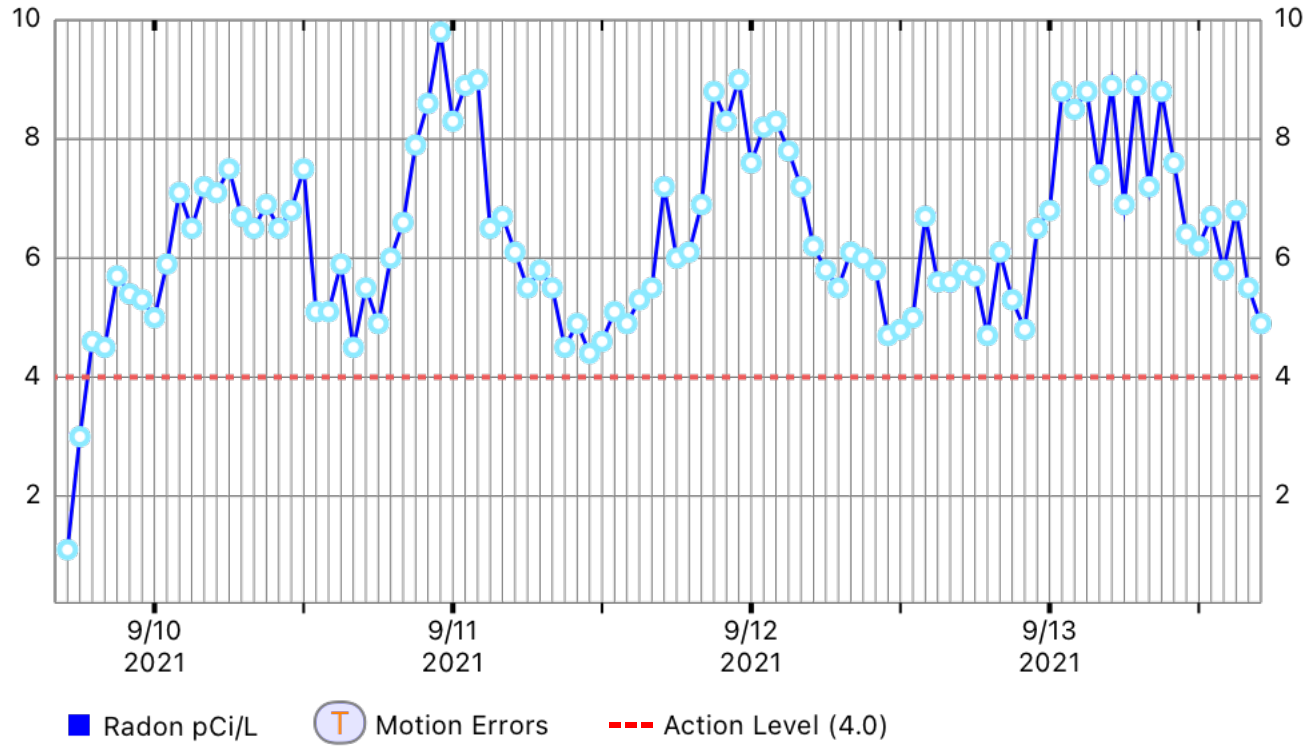
Report Prepared By:
Pillar To Post Home Inspectors
57 Gina St
Lewiston, , 04240
Phone Number: 207-240-1257

Inspector:
#PSM50199

Inspector's Comments:

Your radon air test is above the EPA action level of 4.0 Pci/L. Mitigation is recommended. Recommend retesting the levels every two years.

Your overall EPA Average: 6.4 pCi/L



Continuous Radon Monitor

Model Number: RS300
Calibration Date: 07/14/2021
Calibration Expiry Date: 07/14/2022
Monitor Time: 09/13/2021 05:40 PM

SerialNumber: 06090
CF:28366 Bkgnd03

Inspection Company

Pillar To Post Home Inspectors
57 Gina St, Lewiston, 04240
Phone Number: 207-240-1257
License Number: #PSM50199
Version: 2.1.4 (1)

Billing Information

Sarah Berry & Donald Holt
161 Ridley Lane, Litchfield, ME, 04350

Site Information

Subject Property:
Sarah Berry &
Donald Holt
161 Ridley Lane,
Litchfield, ME, 04350

Site Conditions

Wind: no
Year Built: 1998
Mitigation System: Not Installed
Floor Size: 1456

Atmospheric Condition: Clear
Structure Type: Single Family
Monitor Location: Basement

Test Summary

Start Time: 09/9/2021 17:40
End Time: 09/13/2021 17:00
Measurement Interval(hr): 1
Exposure Time: 4 days 1 hrs

EPA Avg: 6.4
Units: pCi/L

Detector placed by: Michael Lacombe
Detector retrived by:
Michael Lacombe

Raw Radon Gas Readings:

RadStar RS300
Radon Detector/Monitor
Version 1.7
Serial#: 06090
Calib.#: 28366 Bkgnd03
TestID#: 30039

Interval Report

Hour	T	B	AC	Alpha	pCi/L
001				0022	001.1
002				0063	003.0
003				0095	004.6
004				0094	004.5
005				0118	005.7
006				0112	005.4
007				0111	005.3
008				0104	005.0
009				0122	005.9
010				0147	007.1
011				0135	006.5
012				0150	007.2
013				0146	007.1
014				0155	007.5
015				0138	006.7
016				0135	006.5
017				0144	006.9
018				0134	006.5
019				0140	006.8
020				0156	007.5
021				0105	005.1
022				0105	005.1
023				0122	005.9
024				0094	004.5
025				0113	005.5
026				0102	004.9
027				0124	006.0
028				0137	006.6
029				0164	007.9
030				0178	008.6
031				0203	009.8
032				0171	008.3
033				0184	008.9
034				0187	009.0
035				0134	006.5
036				0138	006.7
037				0126	006.1
038				0114	005.5
039				0120	005.8
040				0114	005.5
041				0093	004.5
042				0101	004.9

043	0091	004.4
044	0096	004.6
045	0106	005.1
046	0101	004.9
047	0110	005.3
048	0114	005.5
049	0150	007.2
050	0125	006.0
051	0126	006.1
052	0144	006.9
053	0181	008.8
054	0171	008.3
055	0186	009.0
056	0158	007.6
057	0169	008.2
058	0171	008.3
059	0162	007.8
060	0149	007.2
061	0129	006.2
062	0120	005.8
063	0115	005.5
064	0127	006.1
065	0124	006.0
066	0121	005.8
067	0098	004.7
068	0100	004.8
069	0103	005.0
070	0138	006.7
071	0116	005.6
072	0116	005.6
073	0120	005.8
074	0119	005.7
075	0097	004.7
076	0127	006.1
077	0109	005.3
078	0099	004.8
079	0135	006.5
080	0141	006.8
081	0181	008.8
082	0175	008.5
083	0182	008.8
084	0153	007.4
085	0183	008.9
086	0144	006.9
087	0183	008.9
088	0149	007.2
089	0182	008.8
090	0158	007.6
091	0132	006.4
092	0129	006.2
093	0138	006.7
094	0120	005.8
095	0141	006.8
096	0114	005.5
097	0102	004.9

Avg: 006.4
Max: 009.8
Min: 004.4



Inspector's Name: Michael Lacombe

Radon Risk Information

Radon is the second leading cause of lung cancer, after smoking. The US EPA and Surgeon General strongly recommend taking further action when a homes radon test results are 4.0 pCi/l or greater. The concentration of radon in the home is measured in picocuries per liter of air (pCi/l). Radon levels less than 4.0 pCi/l still pose some risk and in many cases may be reduced. If the radon level in the home is between 2.0 and 4.0 pCi/l, the EPA still recommends that you consider fixing the home. The average indoor radon level is estimated to be about 1.3 pCi/l; roughly 0.4 pCi/l of radon is normally found in the outside air. The higher the home radon level, the greater the health risk. Even homes with very high radon levels can be reduced to below 4.0 pCi/l and many homes can be reduced to 2.0 pCi/l or less.

Understanding Time-Sensitive Testing Protocols

Continuous Monitor Results:	
Single test result average 4.0 pCi/l or more	Fix the home
Single test result average between 2.0 and 4.0 pCi/l	Consider fixing the home

Test during different seasons and different weather conditions to reduce your risk of exposure.

Appendix I - House Sketch

