

Mountain State Inspections LLC

DBA: Radon Solutions Of WV, 47 Washington Ave #119

Wheeling WV 26003

304-312-2382

MSIWW@outlook.com

Radon Test Report

May 07, 2016

Batch #: 011316-2

Customer:

Mr. Home Buyer
Any Street
Any City WV 26003

Test Site:

Mr. Home Seller
Any Street
Any City OH 43950

A Sun Nuclear 1030 Sentinel Continuous Radon Monitor was used for the short-term radon screening measurement that was conducted at the above referenced test site by: Mountain State Inspections LLC (Cert.#MC00124)

The Results are as follows:

Serial No.	Type	Location	Test Start Date	Test End Date	Results (pCi/L)	Cal. Due
91972042	CRM	Basement	01-Jan-2016 12:00 AM	03-Jan-2016 12:00 AM	83.4	11-Nov-2016

Deployed By: Mark Bonar RT-557 RS-299

Retrieved By: Mark Bonar RT-557 RS-299

Analyzed By: Mountain State Inspe RL-161 RS-299

Conditions: Requirements for Closed-Building Met

Tampering: None Observed

Weather: No Abnormal Weather Conditions

Active Mitigation: Yes

Comment: Test is ABOVE the EPA Action Level of 4.0 pCi/l. Fix The Home!

Radon Health Risk Information

Radon is the leading cause of lung cancer among non smokers. The WV Radon Program, The Ohio Department of Health , many others, and 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 some cases may be reduced further. The average indoor radon levels in the US 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 some homes can be reduced to 2.0 pCi/l or less.

Understanding Time-Sensitive Testing Protocols - It is necessary to fix the home when the test averages 4.0 pCi/l or more. It is a good idea to consider fixing the home when the test averages between 2.0 and 4.0 pCi/l. If a test result averages less than 4.0 pCi/l, it is recommended to confirm the low result by testing again, and at least every two years and whenever significant changes to the home structure or mechanical systems occur. Test during different seasons and different weather conditions to reduce your risk of exposure.

Questions, call Mountain State Inspections LLC at: (304) 312-2382. Concerns, call the WV Radon Program at: (304) 558-2981 or in Ohio, call (614) 644-2727. Radon Solutions Of WV is a division of Mountain State Inspections LLC and is a licensed radon mitigation contractor (RC161 & RC186). Call us if you have a concern about your test results and we can help you establish a plan of action at: (304) 312-2382. In OH, This Radon Test Report has been prepared in accordance with the requirements of Ohio Revised Code 3723 and Ohio Administrative Code 3701-69.

Signature: _____



Date: _____

07-May-2016



Site Address:

Any One
Any Where
Sample High Test
Wheeling, WV 26003
304-123-4567

Inspection Date:

2/11/2016 6:35 PM

Report Prepared For:

Any One
Any Where
Sample High Test
Wheeling, WV 26003
304-123-4567

Report Prepared By:

Mountain State Inspections LLC
DBA: Radon Solutions Of WV
47 Washington Ave #119
Wheeling, WV 26003
(304) 830-3354

License Number:

WVRT 607

Sun Nuclear Radon Sentinel© Continuous Radon Monitor

Model Number: 1030

Serial Number: 91972042

Calibration Date: 11/11/2015

Calibration Factors: [1: 2.94] [2: 2.95] [3: 2.93] [4: 2.96] [5: 2.92] [6: 2.93]

Test Summary:

Start Time: 2/11/2016 6:35 PM

Units: pCi/l

Hours Delayed: 0 Hour(s)

Test Duration: 72 Hour(s)

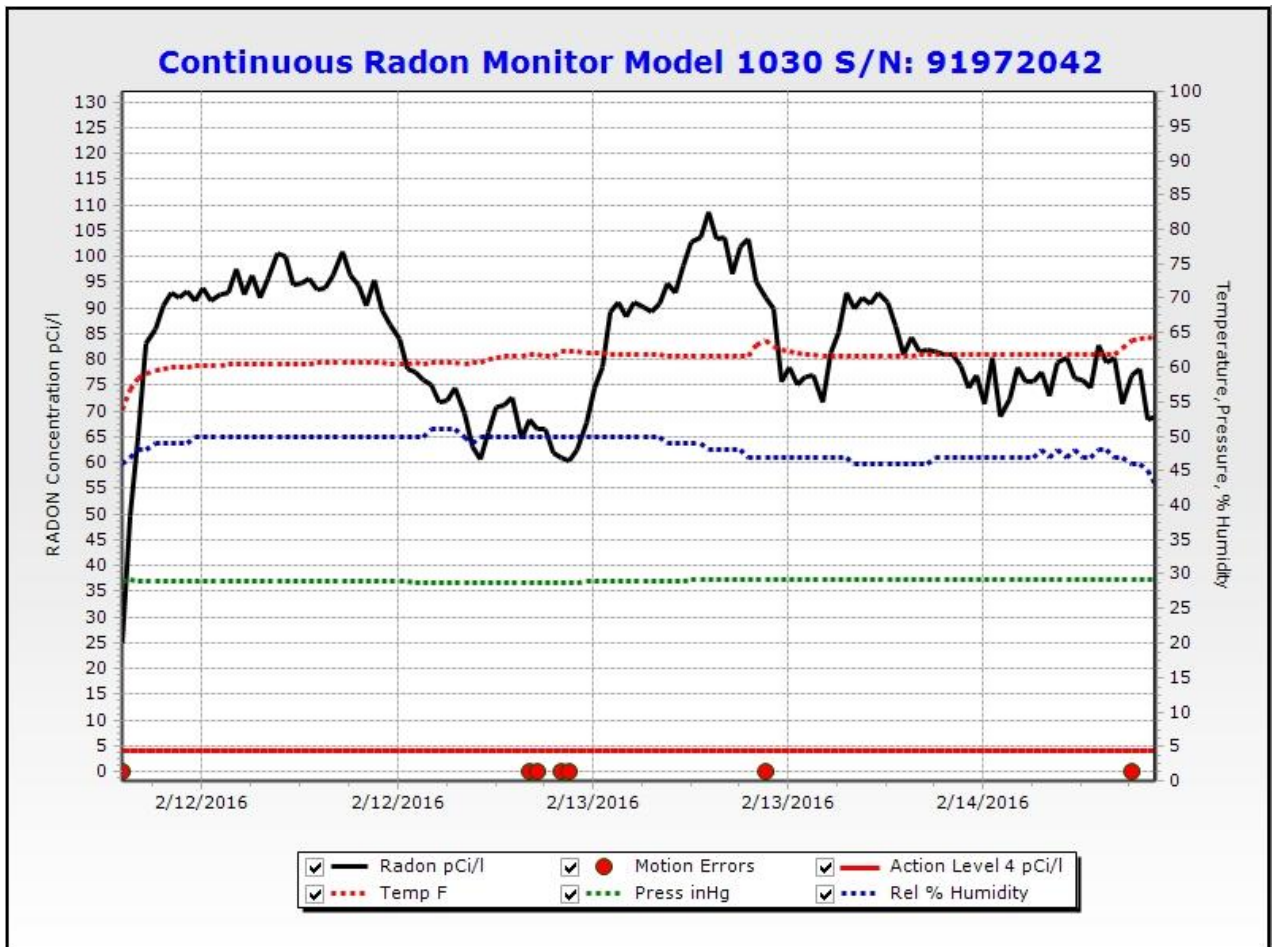
Measurement Interval: 0.5 Hour(s)

Measurements: 128

Mitigation System is not installed on property.

Overall Average: 82.8 pCi/l

EPA Average: 83.4 pCi/l



Date/Time		pCi/l	Temp(F)	Press(inHg)	Humidity(%)	Flags
2/11/2016	7:05 PM	25.0	53.80	29.0	46.0	M
2/11/2016	7:35 PM	49.5	56.80	29.1	47.0	0
2/11/2016	8:05 PM	65.0	58.30	29.0	48.0	0
2/11/2016	8:35 PM	83.0	59.00	29.0	48.0	0
2/11/2016	9:05 PM	86.0	59.50	29.0	49.0	0
2/11/2016	9:35 PM	90.6	59.70	29.0	49.0	0
2/11/2016	10:05 PM	92.9	59.90	29.0	49.0	0
2/11/2016	10:35 PM	92.0	60.10	29.0	49.0	0
2/11/2016	11:05 PM	93.2	60.10	29.0	49.0	0
2/11/2016	11:35 PM	91.4	60.30	29.0	50.0	0
2/12/2016	12:05 AM	93.8	60.30	29.0	50.0	0
2/12/2016	12:35 AM	91.4	60.30	29.0	50.0	0
2/12/2016	1:05 AM	92.7	60.30	29.0	50.0	0
2/12/2016	1:35 AM	93.0	60.40	29.0	50.0	0
2/12/2016	2:05 AM	97.7	60.40	29.0	50.0	0
2/12/2016	2:35 AM	92.7	60.40	29.0	50.0	0
2/12/2016	3:05 AM	96.3	60.40	29.0	50.0	0
2/12/2016	3:35 AM	92.0	60.40	29.0	50.0	0
2/12/2016	4:05 AM	95.6	60.40	29.0	50.0	0
2/12/2016	4:35 AM	100.6	60.40	29.0	50.0	0
2/12/2016	5:05 AM	100.1	60.40	29.0	50.0	0
2/12/2016	5:35 AM	94.5	60.40	29.0	50.0	0
2/12/2016	6:05 AM	94.7	60.40	29.0	50.0	0
2/12/2016	6:35 AM	95.8	60.40	29.0	50.0	0
2/12/2016	7:05 AM	93.5	60.60	28.9	50.0	0
2/12/2016	7:35 AM	94.0	60.60	29.0	50.0	0
2/12/2016	8:05 AM	96.4	60.60	28.9	50.0	0
2/12/2016	8:35 AM	101.0	60.60	29.0	50.0	0
2/12/2016	9:05 AM	96.3	60.60	28.9	50.0	0
2/12/2016	9:35 AM	94.5	60.60	28.9	50.0	0
2/12/2016	10:05 AM	90.6	60.60	28.9	50.0	0
2/12/2016	10:35 AM	95.4	60.60	28.9	50.0	0
2/12/2016	11:05 AM	89.7	60.60	28.9	50.0	0
2/12/2016	11:35 AM	86.7	60.40	28.9	50.0	0
2/12/2016	12:05 PM	83.9	60.40	28.9	50.0	0
2/12/2016	12:35 PM	78.3	60.40	28.9	50.0	0
2/12/2016	1:05 PM	77.5	60.60	28.8	50.0	0
2/12/2016	1:35 PM	76.1	60.40	28.8	50.0	0
2/12/2016	2:05 PM	75.0	60.60	28.8	51.0	0
2/12/2016	2:35 PM	71.6	60.60	28.8	51.0	0
2/12/2016	3:05 PM	71.9	60.60	28.8	51.0	0
2/12/2016	3:35 PM	74.6	60.60	28.8	51.0	0
2/12/2016	4:05 PM	69.7	60.40	28.8	50.0	0
2/12/2016	4:35 PM	63.2	60.60	28.8	49.0	0
2/12/2016	5:05 PM	60.7	60.80	28.8	50.0	0
2/12/2016	5:35 PM	65.8	61.20	28.8	50.0	0
2/12/2016	6:05 PM	70.9	61.30	28.8	50.0	0
2/12/2016	6:35 PM	71.0	61.50	28.8	50.0	0
2/12/2016	7:05 PM	72.7	61.50	28.8	50.0	0
2/12/2016	7:35 PM	64.6	61.70	28.8	50.0	0
2/12/2016	8:05 PM	68.2	61.90	28.8	50.0	M
2/12/2016	8:35 PM	66.6	61.90	28.8	50.0	M

Date/Time		pCi/l	Temp(F)	Press(inHg)	Humidity(%)	Flags
2/12/2016	9:05 PM	66.4	61.70	28.8	50.0	0
2/12/2016	9:35 PM	61.9	61.70	28.8	50.0	0
2/12/2016	10:05 PM	60.9	62.40	28.8	50.0	M
2/12/2016	10:35 PM	60.2	62.40	28.8	50.0	M
2/12/2016	11:05 PM	62.6	62.20	28.8	50.0	0
2/12/2016	11:35 PM	67.8	62.10	28.9	50.0	0
2/13/2016	12:05 AM	74.6	62.10	28.9	50.0	0
2/13/2016	12:35 AM	78.4	62.10	28.9	50.0	0
2/13/2016	1:05 AM	89.2	61.90	28.9	50.0	0
2/13/2016	1:35 AM	91.2	61.90	28.9	50.0	0
2/13/2016	2:05 AM	88.4	61.90	28.9	50.0	0
2/13/2016	2:35 AM	91.1	61.90	28.9	50.0	0
2/13/2016	3:05 AM	90.2	61.90	28.9	50.0	0
2/13/2016	3:35 AM	89.3	61.90	29.0	50.0	0
2/13/2016	4:05 AM	90.8	61.90	29.0	50.0	0
2/13/2016	4:35 AM	94.8	61.70	29.0	49.0	0
2/13/2016	5:05 AM	93.0	61.70	29.0	49.0	0
2/13/2016	5:35 AM	98.3	61.70	29.0	49.0	0
2/13/2016	6:05 AM	102.8	61.70	29.1	49.0	0
2/13/2016	6:35 AM	103.7	61.70	29.1	49.0	0
2/13/2016	7:05 AM	108.5	61.70	29.1	48.0	0
2/13/2016	7:35 AM	103.4	61.70	29.1	48.0	0
2/13/2016	8:05 AM	103.6	61.70	29.1	48.0	0
2/13/2016	8:35 AM	96.7	61.50	29.1	48.0	0
2/13/2016	9:05 AM	102.0	61.50	29.1	48.0	0
2/13/2016	9:35 AM	103.5	61.70	29.2	47.0	0
2/13/2016	10:05 AM	95.0	63.30	29.2	47.0	0
2/13/2016	10:35 AM	92.0	63.90	29.2	47.0	M
2/13/2016	11:05 AM	90.0	63.10	29.2	47.0	0
2/13/2016	11:35 AM	75.7	62.60	29.2	47.0	0
2/13/2016	12:05 PM	78.4	62.40	29.2	47.0	0
2/13/2016	12:35 PM	75.2	62.10	29.2	47.0	0
2/13/2016	1:05 PM	76.6	61.90	29.2	47.0	0
2/13/2016	1:35 PM	77.0	61.90	29.2	47.0	0
2/13/2016	2:05 PM	71.8	61.70	29.1	47.0	0
2/13/2016	2:35 PM	81.2	61.70	29.1	47.0	0
2/13/2016	3:05 PM	85.3	61.70	29.2	47.0	0
2/13/2016	3:35 PM	92.9	61.70	29.2	47.0	0
2/13/2016	4:05 PM	89.9	61.70	29.2	46.0	0
2/13/2016	4:35 PM	92.1	61.70	29.2	46.0	0
2/13/2016	5:05 PM	90.9	61.70	29.2	46.0	0
2/13/2016	5:35 PM	93.0	61.70	29.2	46.0	0
2/13/2016	6:05 PM	91.2	61.70	29.2	46.0	0
2/13/2016	6:35 PM	86.4	61.70	29.2	46.0	0
2/13/2016	7:05 PM	81.0	61.70	29.2	46.0	0
2/13/2016	7:35 PM	84.4	61.70	29.2	46.0	0
2/13/2016	8:05 PM	81.6	61.90	29.2	46.0	0
2/13/2016	8:35 PM	81.9	61.90	29.2	46.0	0
2/13/2016	9:05 PM	81.5	61.90	29.2	47.0	0
2/13/2016	9:35 PM	80.8	61.90	29.2	47.0	0
2/13/2016	10:05 PM	80.9	61.90	29.2	47.0	0
2/13/2016	10:35 PM	78.8	61.90	29.2	47.0	0

Date/Time		pCi/l	Temp(F)	Press(inHg)	Humidity(%)	Flags
2/13/2016	11:05 PM	74.5	61.90	29.2	47.0	0
2/13/2016	11:35 PM	76.8	61.90	29.2	47.0	0
2/14/2016	12:05 AM	71.3	61.90	29.2	47.0	0
2/14/2016	12:35 AM	80.4	61.90	29.2	47.0	0
2/14/2016	1:05 AM	68.8	61.90	29.2	47.0	0
2/14/2016	1:35 AM	72.2	61.90	29.2	47.0	0
2/14/2016	2:05 AM	78.6	61.90	29.2	47.0	0
2/14/2016	2:35 AM	75.8	61.90	29.2	47.0	0
2/14/2016	3:05 AM	75.6	61.90	29.2	47.0	0
2/14/2016	3:35 AM	77.7	61.90	29.2	48.0	0
2/14/2016	4:05 AM	73.0	61.90	29.2	47.0	0
2/14/2016	4:35 AM	79.3	61.90	29.2	48.0	0
2/14/2016	5:05 AM	80.4	61.90	29.2	47.0	0
2/14/2016	5:35 AM	76.2	61.90	29.2	48.0	0
2/14/2016	6:05 AM	76.1	61.90	29.2	47.0	0
2/14/2016	6:35 AM	74.6	61.90	29.2	47.0	0
2/14/2016	7:05 AM	82.7	61.90	29.2	48.0	0
2/14/2016	7:35 AM	79.5	61.90	29.2	48.0	0
2/14/2016	8:05 AM	80.3	61.90	29.2	47.0	0
2/14/2016	8:35 AM	71.5	62.80	29.2	47.0	0
2/14/2016	9:05 AM	76.9	63.90	29.2	46.0	M
2/14/2016	9:35 AM	78.1	64.20	29.2	46.0	0
2/14/2016	10:05 AM	68.3	64.40	29.2	45.0	0
2/14/2016	10:35 AM	69.1	64.20	29.2	43.0	0

Over All Average:82.8 pCi/l EPA Average:83.4 pCi/l

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

It is necessary to fix the home when a single test averages 4.0 pCi/l or more. It is a good idea to fix the home when a single test averages between 2.0 and 4.0 pCi/l. If a test result averages less than 4.0 pCi/l, it is recommended to confirm the low result by testing again at least every two years and whenever significant changes to the home structure or mechanical systems occur. Test during different seasons and different weather conditions to reduce your risk of exposure.



Deployment Sheet

May 07, 2016

Batch#: 011316 - 2

	Customer	Test Site
Name:	Mr. Home Buyer	Mr. Home Seller
Address1:	Any Street	Any Street
Address2:		
City, State, Zip:	Any City WV 26003	Any City OH 43950

Test Information

Serial ID#	Type	Location	Start		End	
			Date	Time	Date	Time
91972042	CRM	Basement	01-Jan-2016	0:00	03-Jan-2016	0:00

Deployed By: Mark Bonar Retrieved By: Mark Bonar Analyzed By: Mountain State Inspections LL

Protocols

- Closed Building Conditions 12 Hours Prior To Testing Yes No Unknown N/A
- Closed Building Conditions During Testing Period? Yes No Unknown N/A
- Compliance Sheet Signed? Yes No Unknown N/A
- Mitigation System Installed? Yes No Unknown See Comment

General House Information

Test Category? (Initial, Follow-Up, Post-Mitigation) Initial

Building Type? (Single Family, Townhouse, Apartment, etc.) Single Family

Foundation Type? (Basement, Slab on Grade, Crawl Space) Basement

Central HVAC System: Yes No Unknown N/A

Thermostat Setting: 70 Thermostat Fans: On Off Auto N/A

Weather Conditions

Approximate Precipitation During Test Period 0

Sustained Wind Velocity Above 30mph? Yes No Unknown N/A

Abnormal Weather Conditions? No

Tamper Controls

Tamper Indicating Controls Used? Yes No Unknown N/A

Description of Tamper Controls: CRM

Were Tamper Controls Intact When Dectectors Retrieved? Yes No Unknown N/A

If Not Intact - Describe Condition:

Comments

Test is ABOVE the EPA Action Level of 4.0 pCi/l. Fix The Home!