

Radon Inspection Report

Test Location:

Test For:

Inspected By:

111 Mary Caudle Way, None
Madison, AL 35756
256-601-6030

Bldg. Type: Residential Single Family

Test Result: Pass

Overall Average:

2.7 pCi/l

EPA Average:

2.9 pCi/l

Test Device Details:

Serial Number: 104664015
Model Number: 1028
Last Calibration: 03/03/2021
Next Calibration: 03/03/2022
Cal-Factors: 2.83
Motion Error: No

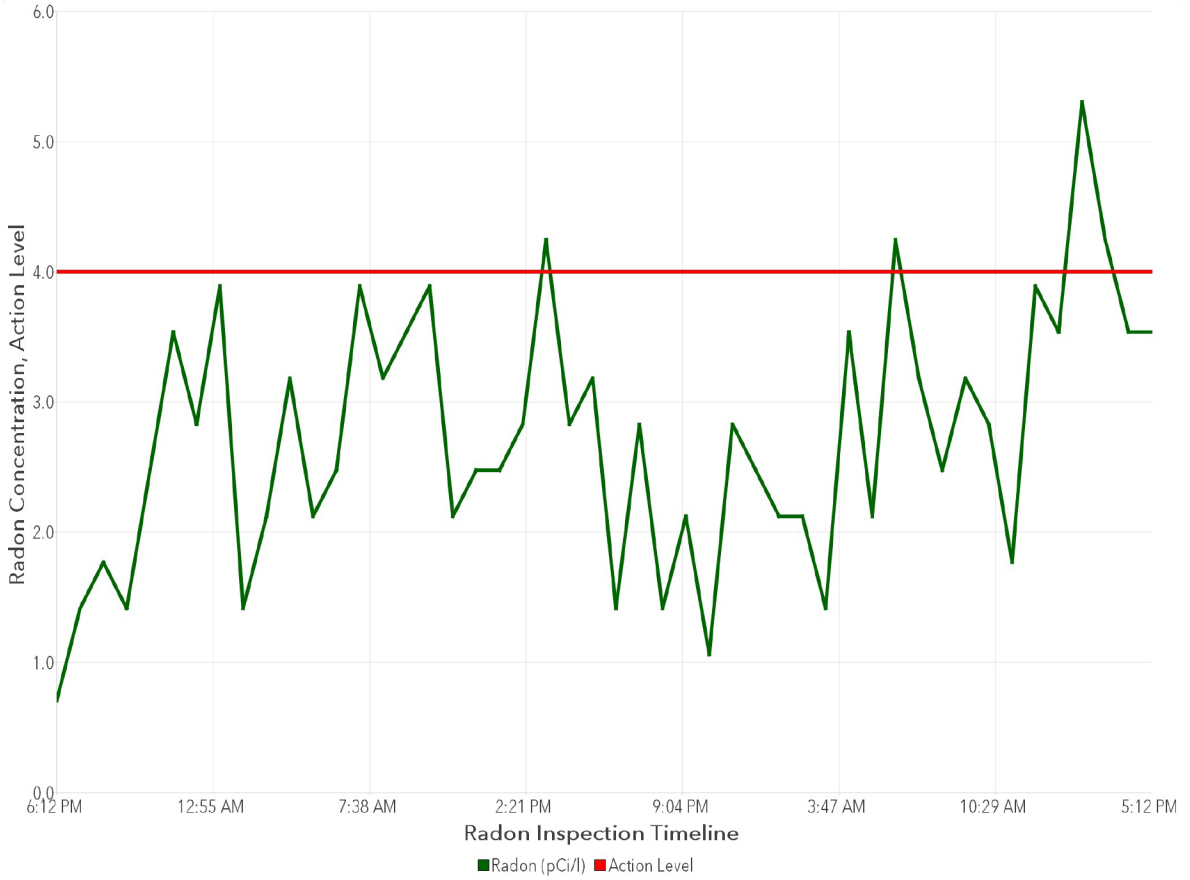
Test Site Condition:

Test Summary:

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
	04/22/2021 05:12 PM	04/24/2021 05:12 PM	1 hr	48 hr
*First 4 hrs of data excluded	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	1.1	5.3	2.9	pCi/l

Comments:

Radon Inspection Chart



Test Result: Pass

Test Location:

Inspection Report Date: 04/24/2021

Test device manufactured by SunRADON, LLC

Test Checklist

- The location of the detector was selected so the detector was not to be disturbed during testing.

- The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.

Test Result: Pass

Test Location:

Inspection Report Date: 04/24/2021

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Flags</u>
04/22/21 06:12 PM	0.7	-
04/22/21 07:12 PM	1.4	-
04/22/21 08:12 PM	1.8	-
04/22/21 09:12 PM	1.4	-
04/22/21 10:12 PM	2.5	-
04/22/21 11:12 PM	3.5	-
04/23/21 12:12 AM	2.8	-
04/23/21 01:12 AM	3.9	-
04/23/21 02:12 AM	1.4	-
04/23/21 03:12 AM	2.1	-
04/23/21 04:12 AM	3.2	-
04/23/21 05:12 AM	2.1	-
04/23/21 06:12 AM	2.5	-
04/23/21 07:12 AM	3.9	-
04/23/21 08:12 AM	3.2	-
04/23/21 09:12 AM	3.5	-
04/23/21 10:12 AM	3.9	-
04/23/21 11:12 AM	2.1	-
04/23/21 12:12 PM	2.5	-
04/23/21 01:12 PM	2.5	-
04/23/21 02:12 PM	2.8	-
04/23/21 03:12 PM	4.2	-
04/23/21 04:12 PM	2.8	-
04/23/21 05:12 PM	3.2	-
04/23/21 06:12 PM	1.4	-
04/23/21 07:12 PM	2.8	-
04/23/21 08:12 PM	1.4	-
04/23/21 09:12 PM	2.1	-
04/23/21 10:12 PM	1.1	-
04/23/21 11:12 PM	2.8	-
04/24/21 12:12 AM	2.5	-
04/24/21 01:12 AM	2.1	-
04/24/21 02:12 AM	2.1	-
04/24/21 03:12 AM	1.4	-
04/24/21 04:12 AM	3.5	-
04/24/21 05:12 AM	2.1	-
04/24/21 06:12 AM	4.2	-
04/24/21 07:12 AM	3.2	-
04/24/21 08:12 AM	2.5	-
04/24/21 09:12 AM	3.2	-
04/24/21 10:12 AM	2.8	-
04/24/21 11:12 AM	1.8	-
04/24/21 12:12 PM	3.9	-
04/24/21 01:12 PM	3.5	-

Test Result: Pass

Test Location:

Inspection Report Date: 04/24/2021

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Flags</u>
04/24/21 02:12 PM	5.3	-
04/24/21 03:12 PM	4.2	-
04/24/21 04:12 PM	3.5	-
04/24/21 05:12 PM	3.5	-

Test Result: Pass

Test Location:

Inspection Report Date: 04/24/2021

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Radon Test Information

Radon Risk Information

Radon causes lung cancer by means of the decay of its daughter products after breathing in air contaminated with higher levels of Radon. The World Health Organization (WHO) estimates that 15% of lung cancers worldwide are caused by exposure to elevated indoor levels of Radon. Overall, radon is the second leading cause of lung cancer responsible for about 21,000 lung cancer deaths every year in the US alone. Radon gas is the number one cause of lung cancer among non-smokers. The U.S. Environmental Protection Agency (EPA), the U.S. Surgeon General, and the Center for Disease Control and Prevention (CDC) strongly recommend that ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy and recommend having the radon levels professionally mitigated if elevated radon concentrations are found.

Understanding Radon Test Results

Recommended Action Levels vary by country and typically range from 3 pCi/l (100 Bq/m³) to 8 pCi/l (300 Bq/m³). Recommendations below are based on test results by a Continuous Radon Monitor (CRM) Test of at least 48h duration and are based on recommendations by the EPA.

Measured Average Radon Level:

- At or above 4.0 pCi/l (148 Bq/m³): Corrective measures to reduce exposure to radon gas is strongly recommended (ANSI MAH2014)
- Between 2-4 pCi/l (74-148 Bq/m³): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (74 Bq/m³): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

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