

Radon Inspection Report

Test Location:

NGA Sample Report
 123 Home Rd
 Sample City, GA 30001

Test For:

NGA Sample Report
 123 Home Rd
 Sample City, GA 30001

Inspected By:

Karen Spinnler
 Hoschton
 GA 30548
 770-235-7704
 Lic/Cert. # 108491 RT

Bldg. Type: Residential Single Family

Type: Pre-Mitigation



Test Result: Fail

Overall Average:

4.5 pCi/l

EPA Average:

4.7 pCi/l

Test Device Details:

Serial Number: 226341008
 Model Number: 1028
 Last Calibration: 03/17/2020
 Next Calibration: 03/17/2021
 Cal-Factors: 2.66
 Motion Error: No

Test Site Condition:

Structure Type: Single Family
 Year Built: 1999
 Sq Ft: 2500
 Mitigation Sys: Not Installed

Test Summary:

CRM Location: Finished Basement
 Start: 10/20/2020 09:59 AM
 Stop: 10/22/2020 09:59 AM
 Interval: 1 hr
 Duration: 48 hr

*First 4 hrs of data excluded
 Radon Concentration: Min: 2.3 Max: 7.1 Average: 4.7 Measurement Units: pCi/l

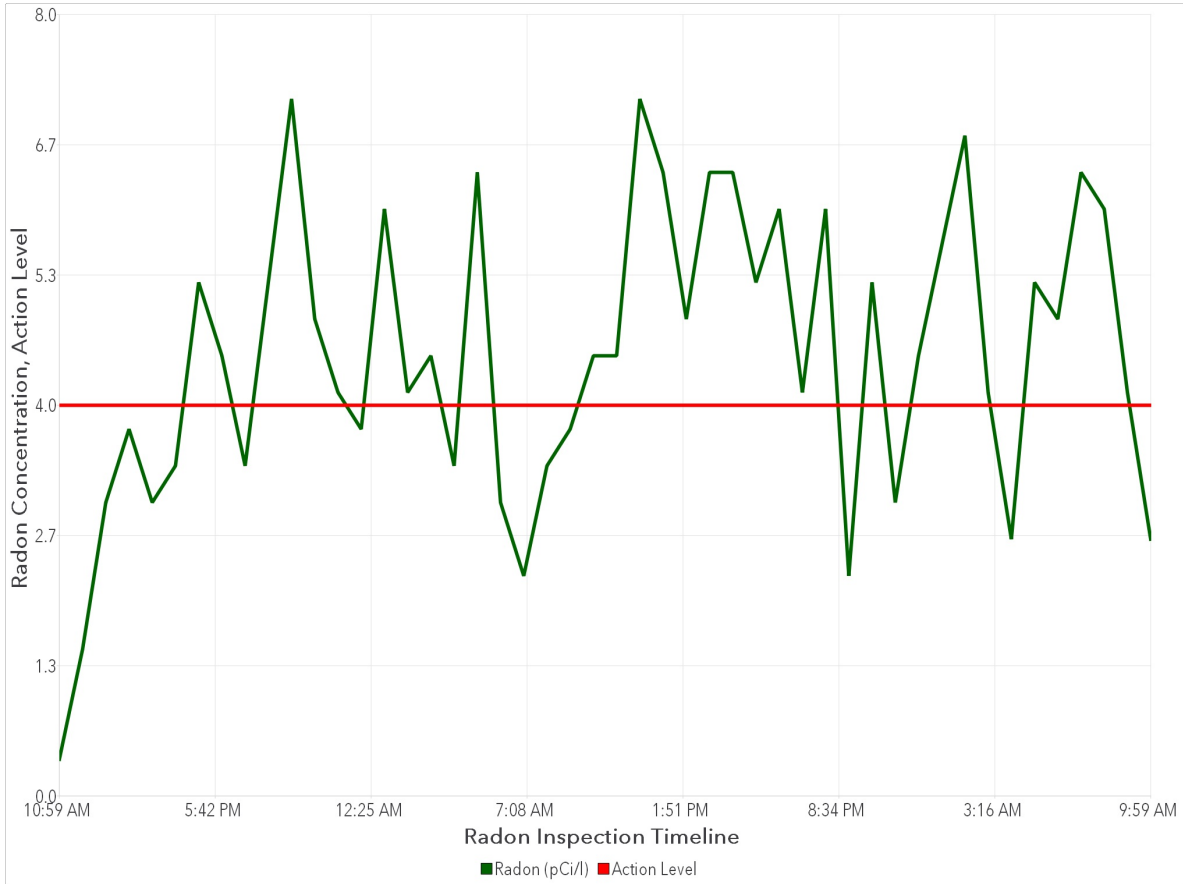
Comments:

Karen Spinnler

Lic/Cert Signature

Inspection Report Date: 10/22/2020

Radon Inspection Chart



Test Result: Fail

Test Location: 123 Home Rd Sample City, GA 30001

Inspection Report Date: 10/22/2020

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Flags
10/20/20 10:59 AM	0.4	-
10/20/20 11:59 AM	1.5	-
10/20/20 12:59 PM	3.0	-
10/20/20 01:59 PM	3.8	-
10/20/20 02:59 PM	3.0	-
10/20/20 03:59 PM	3.4	-
10/20/20 04:59 PM	5.3	-
10/20/20 05:59 PM	4.5	-
10/20/20 06:59 PM	3.4	-
10/20/20 07:59 PM	5.3	-
10/20/20 08:59 PM	7.1	-
10/20/20 09:59 PM	4.9	-
10/20/20 10:59 PM	4.1	-
10/20/20 11:59 PM	3.8	-
10/21/20 12:59 AM	6.0	-
10/21/20 01:59 AM	4.1	-
10/21/20 02:59 AM	4.5	-
10/21/20 03:59 AM	3.4	-
10/21/20 04:59 AM	6.4	-
10/21/20 05:59 AM	3.0	-
10/21/20 06:59 AM	2.3	-
10/21/20 07:59 AM	3.4	-
10/21/20 08:59 AM	3.8	-
10/21/20 09:59 AM	4.5	-
10/21/20 10:59 AM	4.5	-
10/21/20 11:59 AM	7.1	-
10/21/20 12:59 PM	6.4	-
10/21/20 01:59 PM	4.9	-
10/21/20 02:59 PM	6.4	-
10/21/20 03:59 PM	6.4	-
10/21/20 04:59 PM	5.3	-
10/21/20 05:59 PM	6.0	-
10/21/20 06:59 PM	4.1	-
10/21/20 07:59 PM	6.0	-
10/21/20 08:59 PM	2.3	-
10/21/20 09:59 PM	5.3	-
10/21/20 10:59 PM	3.0	-
10/21/20 11:59 PM	4.5	-
10/22/20 12:59 AM	5.6	-
10/22/20 01:59 AM	6.8	-
10/22/20 02:59 AM	4.1	-
10/22/20 03:59 AM	2.6	-
10/22/20 04:59 AM	5.3	-
10/22/20 05:59 AM	4.9	-

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Test Table

* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Flags</u>
10/22/20 06:59 AM	6.4	-
10/22/20 07:59 AM	6.0	-
10/22/20 08:59 AM	4.1	-
10/22/20 09:59 AM	2.6	-

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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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Property Pictures



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