



Atlanta Home Inspections
78 Dawson Village Way N. Suite 140-151
Dawsonville, GA 30534
(678)410-8062

Invoice

TO:
Matthew Thoroman
5555 Sample Street
Dahlonega, GA 30533

Date: 01/05/2021

<u>Description</u>	<u>Amount</u>
Radon Inspection At: 5555 Sample Street Dahlonega, GA 30533	195.00
Total Amount	<hr/> 195.00
Less Amount Paid	195.00
Amount Due	<hr/> <hr/> 0.00

Make all checks payable to:

Atlanta Home Inspections

Send check to:

78 Dawson Village Way N., Suite 140-151 Dawsonville, GA 30534

THANK YOU FOR YOUR BUSINESS



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Radon Inspection Report

Test Location:

Matthew Thoroman
5555 Sample Street
Dahlonega, GA 30533

Test For:

Matthew Thoroman
5555 Sample Street
Dahlonega, GA 30533

Inspected By:

Matthew Thoroman
78 Dawson Village Way N., Suite 140-151
Dawsonville, GA 30534
(678)410-8062
Lic/Cert. # 103773RT

Bldg. Type: Residential Single Family

Type: Real Estate Transaction

Test Result: Mitigation Recommended

Overall Average:

7.3 pCi/l

EPA Average:

7.6 pCi/l

Test Device Details:

Serial Number: 259535008
Model Number: 1030
Last Calibration: 08/01/2020
Next Calibration: 08/01/2021
Cal-Factors: 2.70,2.80,2.77,2.73,2.73,2.77
Motion Error: Yes

Test Site Condition:

Condition: Recent Rainfall
Structure Type: Basement
Year Built: 1981
Sq Ft: 1372

Test Summary:

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
Basement Living Room	12/31/2020 11:26 AM	01/02/2021 11:26 AM	1 hr	48 hr

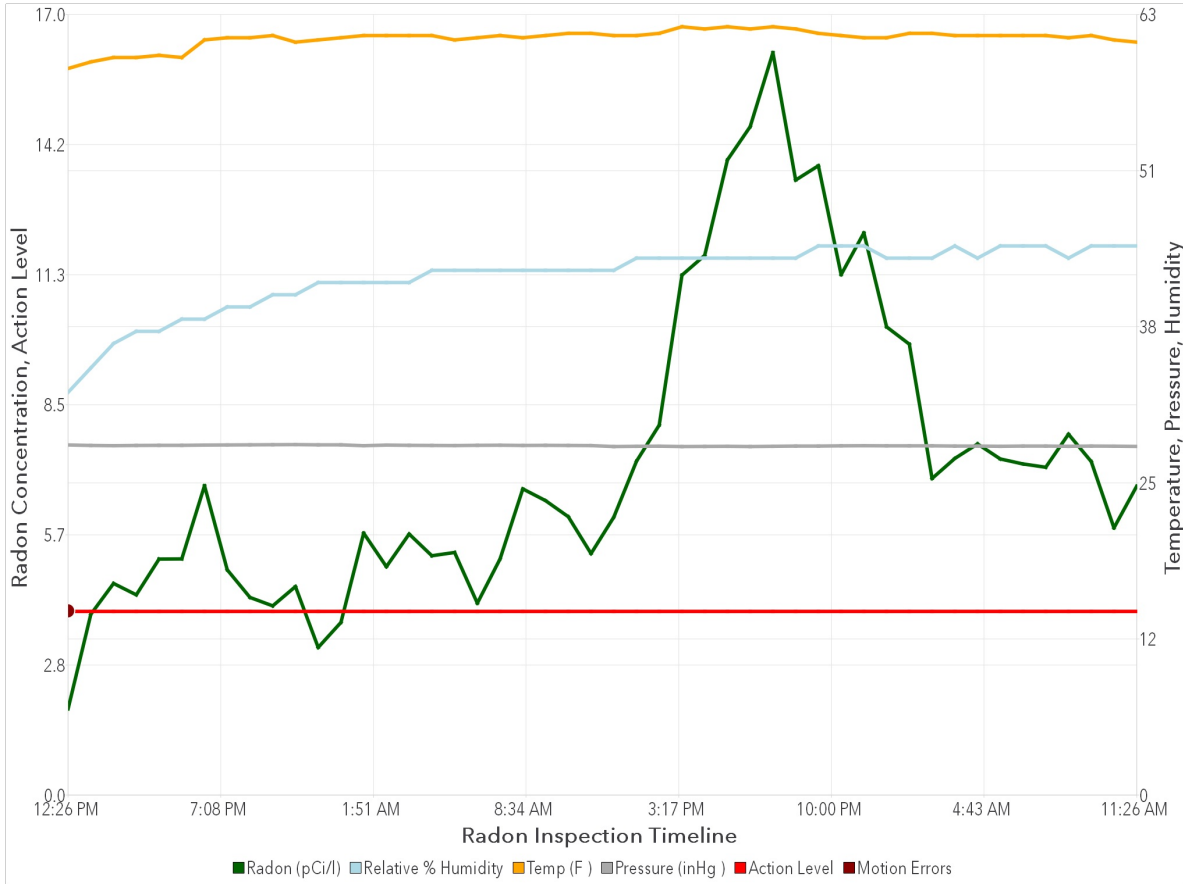
	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
*First 4 hrs of data excluded				
Radon Concentration:	3.2	16.2	7.6	pCi/l
Temperature	60.4	63.0	62.2	F
Humidity	38	45	43	%
Pressure	28.56	28.72	28.63	inHg

Comments:

Lic/Cert Signature

Inspection Report Date: 01/05/2021

Radon Inspection Chart



Test Result: Mitigation Recommended

Test Location: 5555 Sample Street Dahlonega, GA 30533

Inspection Report Date: 01/05/2021

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>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
12/31/20 12:26 PM	1.9	59.5	28.69	33	M
12/31/20 01:26 PM	3.9	60.1	28.65	35	-
12/31/20 02:26 PM	4.6	60.4	28.63	37	-
12/31/20 03:26 PM	4.4	60.4	28.65	38	-
12/31/20 04:26 PM	5.1	60.6	28.66	38	-
12/31/20 05:26 PM	5.1	60.4	28.66	39	-
12/31/20 06:26 PM	6.7	61.9	28.68	39	-
12/31/20 07:26 PM	4.9	62.1	28.69	40	-
12/31/20 08:26 PM	4.3	62.1	28.70	40	-
12/31/20 09:26 PM	4.1	62.2	28.71	41	-
12/31/20 10:26 PM	4.5	61.7	28.72	41	-
12/31/20 11:26 PM	3.2	61.9	28.70	42	-
01/01/21 12:26 AM	3.8	62.1	28.70	42	-
01/01/21 01:26 AM	5.7	62.2	28.63	42	-
01/01/21 02:26 AM	5.0	62.2	28.68	42	-
01/01/21 03:26 AM	5.7	62.2	28.66	42	-
01/01/21 04:26 AM	5.2	62.2	28.65	43	-
01/01/21 05:26 AM	5.3	61.9	28.64	43	-
01/01/21 06:26 AM	4.2	62.1	28.66	43	-
01/01/21 07:26 AM	5.1	62.2	28.67	43	-
01/01/21 08:26 AM	6.7	62.1	28.65	43	-
01/01/21 09:26 AM	6.4	62.2	28.66	43	-
01/01/21 10:26 AM	6.1	62.4	28.65	43	-
01/01/21 11:26 AM	5.3	62.4	28.64	43	-
01/01/21 12:26 PM	6.1	62.2	28.56	43	-
01/01/21 01:26 PM	7.3	62.2	28.58	44	-
01/01/21 02:26 PM	8.1	62.4	28.59	44	-
01/01/21 03:26 PM	11.3	63.0	28.56	44	-
01/01/21 04:26 PM	11.8	62.8	28.57	44	-
01/01/21 05:26 PM	13.8	63.0	28.58	44	-
01/01/21 06:26 PM	14.6	62.8	28.56	44	-
01/01/21 07:26 PM	16.2	63.0	28.58	44	-
01/01/21 08:26 PM	13.4	62.8	28.60	44	-
01/01/21 09:26 PM	13.7	62.4	28.60	45	-
01/01/21 10:26 PM	11.3	62.2	28.62	45	-
01/01/21 11:26 PM	12.2	62.1	28.63	45	-
01/02/21 12:26 AM	10.2	62.1	28.62	44	-
01/02/21 01:26 AM	9.8	62.4	28.62	44	-
01/02/21 02:26 AM	6.9	62.4	28.62	44	-
01/02/21 03:26 AM	7.3	62.2	28.60	45	-
01/02/21 04:26 AM	7.6	62.2	28.60	44	-
01/02/21 05:26 AM	7.3	62.2	28.58	45	-
01/02/21 06:26 AM	7.2	62.2	28.60	45	-
01/02/21 07:26 AM	7.1	62.2	28.60	45	-

Test Result: Mitigation Recommended

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Test Table

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<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
01/02/21 08:26 AM	7.9	62.1	28.58	44	-
01/02/21 09:26 AM	7.3	62.2	28.60	45	-
01/02/21 10:26 AM	5.8	61.9	28.59	45	-
01/02/21 11:26 AM	6.7	61.7	28.57	45	-

Test Result: Mitigation Recommended

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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

Test Result: Mitigation Recommended

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