

Radon Inspection Report

Test Location:

1234 MAIN STREET
BLOOMINGTON, IL 61704

Test For:

CLIENT

Inspected By:

Cindy Segobiano
3213 Kirkwood Road
Bloomington, IL 61704
3095332463
Lic/Cert. # RNI2008223

Bldg. Type: Residential Single Family

Type: Real Estate Transaction

Test Result: Below EPA Recommended Action Level

Overall Average:

2.7 pCi/l

Test Device Details:

Serial Number: 258588030
Model Number: 1030
Last Calibration: 07/05/2022
Next Calibration: 07/05/2023
Cal-Factors: 2.53,2.47,2.50,2.56,2.57,2.51
Motion Error: Yes

Test Site Condition:

Condition: Clear and Dry
Wind: North East 0-5mph
Structure Type: FULL BASEMENT
Year Built: 2012

Test Summary:

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
BEDROOM	12/07/2022 08:27 AM	12/09/2022 08:27 AM	30 min	48 hr

	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	0.5	4.6	2.7	pCi/l
Temperature	69.1	71.8	70.5	F
Humidity	25	27	26	%
Pressure	29.36	29.68	29.56	inHg

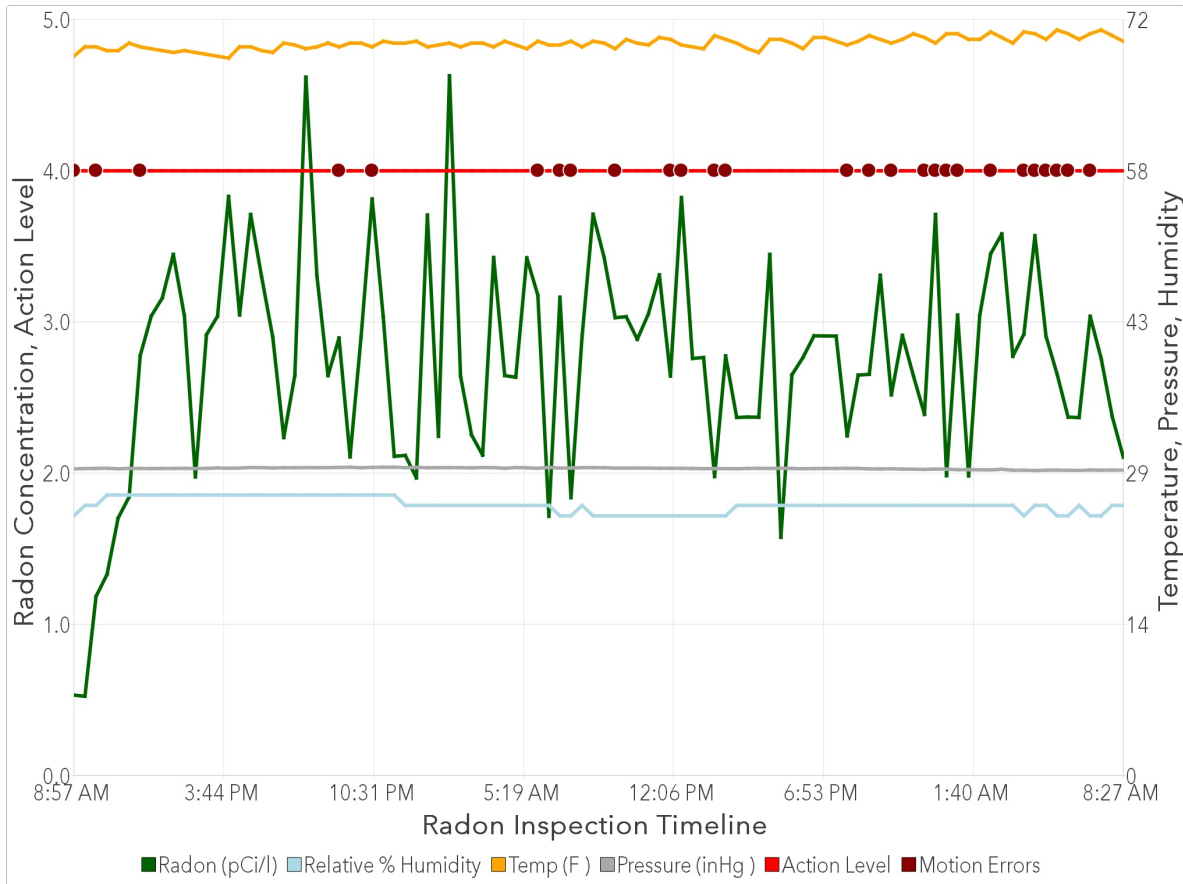
Comments:

PASSIVE RADON VENT INSTALLED IN THE HOME DURING CONSTRUCTION PHASE IN 2012

Lic/Cert Signature

Inspection Report Date: 12/09/2022

Radon Inspection Chart



Test Result: Below EPA Recommended Action Level

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Test device manufactured by SunRADON, LLC

Test Table

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
12/07/22 08:57 AM	0.5	69.3	29.52	25	M
12/07/22 09:27 AM	0.5	70.2	29.55	26	-
12/07/22 09:57 AM	1.2	70.2	29.56	26	M
12/07/22 10:27 AM	1.3	69.8	29.58	27	-
12/07/22 10:57 AM	1.7	69.8	29.53	27	-
12/07/22 11:27 AM	1.8	70.5	29.56	27	-
12/07/22 11:57 AM	2.8	70.2	29.56	27	M
12/07/22 12:27 PM	3.0	70.0	29.55	27	-
12/07/22 12:57 PM	3.2	69.8	29.56	27	-
12/07/22 01:27 PM	3.4	69.6	29.56	27	-
12/07/22 01:57 PM	3.0	69.8	29.57	27	-
12/07/22 02:27 PM	2.0	69.6	29.55	27	-
12/07/22 02:57 PM	2.9	69.4	29.57	27	-
12/07/22 03:27 PM	3.0	69.3	29.61	27	-
12/07/22 03:57 PM	3.8	69.1	29.58	27	-
12/07/22 04:27 PM	3.0	70.2	29.60	27	-
12/07/22 04:57 PM	3.7	70.2	29.65	27	-
12/07/22 05:27 PM	3.3	69.8	29.64	27	-
12/07/22 05:57 PM	2.9	69.6	29.61	27	-
12/07/22 06:27 PM	2.2	70.5	29.63	27	-
12/07/22 06:57 PM	2.6	70.3	29.63	27	-
12/07/22 07:27 PM	4.6	70.0	29.64	27	-
12/07/22 07:57 PM	3.3	70.2	29.64	27	-
12/07/22 08:27 PM	2.6	70.5	29.64	27	-
12/07/22 08:57 PM	2.9	70.2	29.66	27	M
12/07/22 09:27 PM	2.1	70.5	29.68	27	-
12/07/22 09:57 PM	2.9	70.5	29.63	27	-
12/07/22 10:27 PM	3.8	70.2	29.66	27	M
12/07/22 10:57 PM	3.0	70.7	29.68	27	-
12/07/22 11:27 PM	2.1	70.5	29.68	27	-
12/07/22 11:57 PM	2.1	70.5	29.64	26	-
12/08/22 12:27 AM	2.0	70.7	29.66	26	-
12/08/22 12:57 AM	3.7	70.2	29.63	26	-
12/08/22 01:27 AM	2.2	70.3	29.64	26	-
12/08/22 01:57 AM	4.6	70.5	29.64	26	-
12/08/22 02:27 AM	2.6	70.2	29.64	26	-
12/08/22 02:57 AM	2.3	70.5	29.62	26	-
12/08/22 03:27 AM	2.1	70.5	29.65	26	-
12/08/22 03:57 AM	3.4	70.2	29.64	26	-
12/08/22 04:27 AM	2.6	70.7	29.58	26	-
12/08/22 04:57 AM	2.6	70.3	29.65	26	-
12/08/22 05:27 AM	3.4	70.0	29.62	26	-
12/08/22 05:57 AM	3.2	70.7	29.58	26	M
12/08/22 06:27 AM	1.7	70.3	29.66	26	-

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Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
12/08/22 06:57 AM	3.2	70.3	29.60	25	M
12/08/22 07:27 AM	1.8	70.7	29.61	25	M
12/08/22 07:57 AM	2.9	70.2	29.64	26	-
12/08/22 08:27 AM	3.7	70.7	29.64	25	-
12/08/22 08:57 AM	3.4	70.5	29.63	25	-
12/08/22 09:27 AM	3.0	70.0	29.60	25	M
12/08/22 09:57 AM	3.0	70.9	29.60	25	-
12/08/22 10:27 AM	2.9	70.5	29.60	25	-
12/08/22 10:57 AM	3.1	70.3	29.60	25	-
12/08/22 11:27 AM	3.3	71.1	29.58	25	-
12/08/22 11:57 AM	2.6	70.9	29.58	25	M
12/08/22 12:27 PM	3.8	70.3	29.57	25	M
12/08/22 12:57 PM	2.8	70.2	29.56	25	-
12/08/22 01:27 PM	2.8	70.0	29.54	25	-
12/08/22 01:57 PM	2.0	71.2	29.55	25	M
12/08/22 02:27 PM	2.8	70.9	29.54	25	M
12/08/22 02:57 PM	2.4	70.5	29.53	26	-
12/08/22 03:27 PM	2.4	70.0	29.56	26	-
12/08/22 03:57 PM	2.4	69.6	29.57	26	-
12/08/22 04:27 PM	3.4	70.9	29.56	26	-
12/08/22 04:57 PM	1.6	70.9	29.58	26	-
12/08/22 05:27 PM	2.7	70.5	29.56	26	-
12/08/22 05:57 PM	2.8	70.0	29.53	26	-
12/08/22 06:27 PM	2.9	71.1	29.55	26	-
12/08/22 06:57 PM	2.9	71.1	29.56	26	-
12/08/22 07:27 PM	2.9	70.7	29.56	26	-
12/08/22 07:57 PM	2.2	70.3	29.57	26	M
12/08/22 08:27 PM	2.6	70.7	29.56	26	-
12/08/22 08:57 PM	2.7	71.2	29.52	26	M
12/08/22 09:27 PM	3.3	70.9	29.51	26	-
12/08/22 09:57 PM	2.5	70.5	29.53	26	M
12/08/22 10:27 PM	2.9	70.9	29.50	26	-
12/08/22 10:57 PM	2.6	71.4	29.49	26	-
12/08/22 11:27 PM	2.4	71.1	29.47	26	M
12/08/22 11:57 PM	3.7	70.5	29.50	26	M
12/09/22 12:27 AM	2.0	71.4	29.49	26	M
12/09/22 12:57 AM	3.0	71.4	29.44	26	M
12/09/22 01:27 AM	2.0	70.9	29.45	26	-
12/09/22 01:57 AM	3.0	70.9	29.43	26	-
12/09/22 02:27 AM	3.5	71.6	29.42	26	M
12/09/22 02:57 AM	3.6	71.1	29.48	26	-
12/09/22 03:27 AM	2.8	70.5	29.39	26	-
12/09/22 03:57 AM	2.9	71.6	29.39	25	M
12/09/22 04:27 AM	3.6	71.4	29.36	26	M

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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>
12/09/22 04:57 AM	2.9	70.9	29.39	26	M
12/09/22 05:27 AM	2.7	71.8	29.40	25	M
12/09/22 05:57 AM	2.4	71.4	29.38	25	M
12/09/22 06:27 AM	2.4	70.9	29.37	26	-
12/09/22 06:57 AM	3.0	71.4	29.41	25	M
12/09/22 07:27 AM	2.8	71.8	29.39	25	-
12/09/22 07:57 AM	2.4	71.2	29.40	26	-
12/09/22 08:27 AM	2.1	70.7	29.39	26	-

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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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