

**Radon Test Report**

<b>Test Location:</b> New Client Your New House Johnstown, CO 80534	<b>Test For:</b> New Client Your New House Johnstown, CO 80534	<b>Inspected By:</b> Maria Moore 2501 Shavano Ct Fort Collins, CO 80525
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**Test Monitoring Information**

Model Number: 1028  
Serial Number:  
Last Calibration: 05/06/2019  
Next Calibration: 05/06/2020  
Cal-Factors: 2.61  
Motion Error: No

**Test Site Condition**

Condition:  
Wind:  
Structure Type:  
Year Built:  
Sq Ft:  
Mitigation Sys: Not Installed

**Test Summary**

CRM Location	Start	Stop	Interval	Duration	Overall Avg	EPA Average
basement bedroom	01/27/2020 02:42 PM	01/29/2020 11:42 AM	1 hr	45 hr	11.1 pCi/l	11.2 pCi/l

**Test Details**

	Unit	Min	Max	Average
Radon Concentration	pCi/l	6.5	16.1	11.1

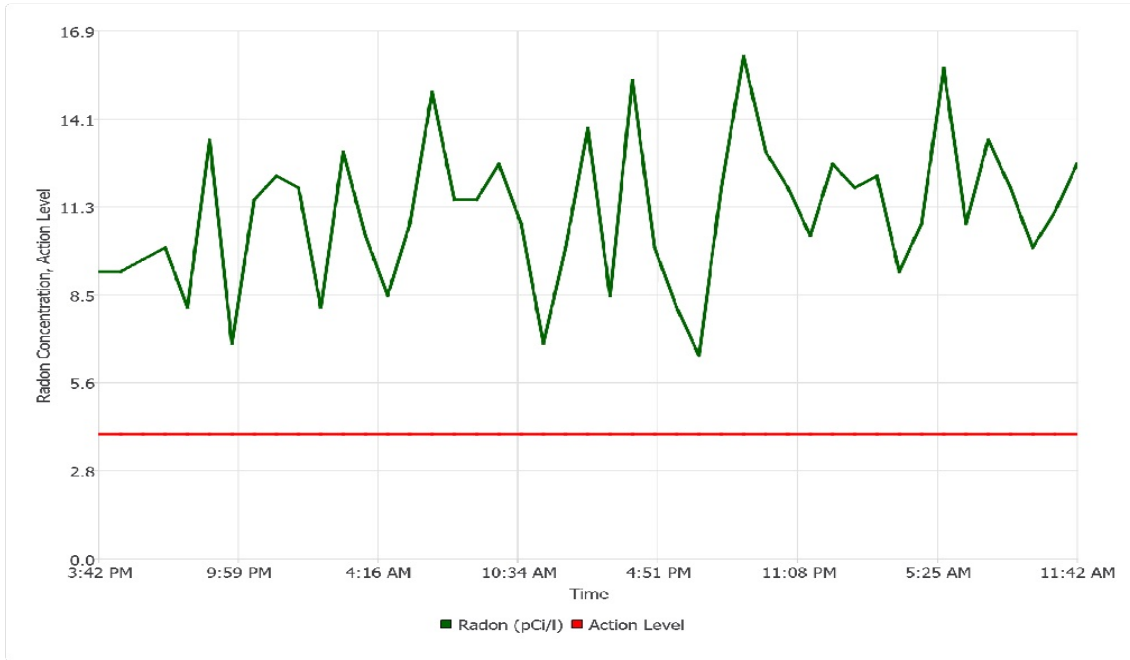
**Test Result: Fail**

**Comments**

**Inspector Signature:**

**Test Report:** 01/30/2020

**Test Chart**



**Test Result: Fail**

**Test Location:** Your New House Johnstown, CO 80534

**Test Report:** 01/30/2020

**Test Data Table**

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
01/27/20 03:42 PM	9.2	-	-	-	-
01/27/20 04:42 PM	9.2	-	-	-	-
01/27/20 05:42 PM	9.6	-	-	-	-
01/27/20 06:42 PM	10.0	-	-	-	-
01/27/20 07:42 PM	8.1	-	-	-	-
01/27/20 08:42 PM	13.4	-	-	-	-
01/27/20 09:42 PM	6.9	-	-	-	-
01/27/20 10:42 PM	11.5	-	-	-	-
01/27/20 11:42 PM	12.3	-	-	-	-
01/28/20 12:42 AM	11.9	-	-	-	-
01/28/20 01:42 AM	8.1	-	-	-	-
01/28/20 02:42 AM	13.1	-	-	-	-
01/28/20 03:42 AM	10.4	-	-	-	-
01/28/20 04:42 AM	8.4	-	-	-	-
01/28/20 05:42 AM	10.7	-	-	-	-
01/28/20 06:42 AM	15.0	-	-	-	-
01/28/20 07:42 AM	11.5	-	-	-	-
01/28/20 08:42 AM	11.5	-	-	-	-
01/28/20 09:42 AM	12.7	-	-	-	-
01/28/20 10:42 AM	10.7	-	-	-	-
01/28/20 11:42 AM	6.9	-	-	-	-
01/28/20 12:42 PM	10.0	-	-	-	-
01/28/20 01:42 PM	13.8	-	-	-	-
01/28/20 02:42 PM	8.4	-	-	-	-
01/28/20 03:42 PM	15.4	-	-	-	-
01/28/20 04:42 PM	10.0	-	-	-	-
01/28/20 05:42 PM	8.1	-	-	-	-
01/28/20 06:42 PM	6.5	-	-	-	-
01/28/20 07:42 PM	11.9	-	-	-	-
01/28/20 08:42 PM	16.1	-	-	-	-
01/28/20 09:42 PM	13.1	-	-	-	-
01/28/20 10:42 PM	11.9	-	-	-	-
01/28/20 11:42 PM	10.4	-	-	-	-
01/29/20 12:42 AM	12.7	-	-	-	-
01/29/20 01:42 AM	11.9	-	-	-	-
01/29/20 02:42 AM	12.3	-	-	-	-
01/29/20 03:42 AM	9.2	-	-	-	-
01/29/20 04:42 AM	10.7	-	-	-	-
01/29/20 05:42 AM	15.7	-	-	-	-
01/29/20 06:42 AM	10.7	-	-	-	-
01/29/20 07:42 AM	13.4	-	-	-	-
01/29/20 08:42 AM	11.9	-	-	-	-
01/29/20 09:42 AM	10.0	-	-	-	-
01/29/20 10:42 AM	11.1	-	-	-	-
01/29/20 11:42 AM	12.7	-	-	-	-

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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/m<sup>3</sup>) to 8 pCi/l (300 Bq/m<sup>3</sup>). Recommendations below are based on test results by a Continuous Radon Monitor (CRM) Test of at least 24h duration and are based on recommendations by the EPA.

Measured Average Radon Level:

- Above 4 pCi/l (150 Bq/m<sup>3</sup>): Mitigation strongly recommended
- Between 2-4 pCi/l (75-150 Bq/m<sup>3</sup>): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (75 Bq/m<sup>3</sup>): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

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