

## Radon Inspection Report

### Test Location:

John Smith  
123 Any St  
Anytown, UT 84000  
johnsmith@email.com  
435-640-0000  
Bldg. Type: Residential Single Family

### Test For:

John Smith  
123 Any St  
Anytown, UT 84000  
johnsmith@email.com  
435-640-0000  
Type: Real Estate Transaction

### Inspected By:

Paul Tibbits  
236 E 300 S  
Heber City, UT 84032  
435-729-9055

## Test Result: Pass

### Overall Average:

**1.7 pCi/l**

### Test Device Details:

Serial Number: 241816010  
Model Number: 1028XP  
Last Calibration: 04/18/2019  
Next Calibration: 04/18/2020  
Cal-Factors: 2.9  
Motion Error: No

### Test Site Condition:

Condition: Clear and Dry  
Year Built: 1938

### Test Summary:

<u>CRM Location:</u>	<u>Start:</u> 05/09/2019 09:23 PM	<u>Stop:</u> 05/11/2019 09:23 PM	<u>Interval:</u> 1 hr	<u>Duration:</u> 48 hr
Radon Concentration:	<u>Min:</u> 0.0	<u>Max:</u> 3.8	<u>Average:</u> 1.7	<u>Measurement Units:</u> pCi/l

### Comments:

Lic/Cert Signature

Inspection Report Date: 06/18/2019



## Radon Inspection Chart



**Test Result: Pass**

**Test Location:** 123 Any St Anytown, UT 84000

**Inspection Report Date:** 06/18/2019



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## Test Table

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Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
05/09/19 10:23 PM	1.0	-	-	-	-
05/09/19 11:23 PM	1.0	-	-	-	-
05/10/19 12:23 AM	2.4	-	-	-	-
05/10/19 01:23 AM	1.7	-	-	-	-
05/10/19 02:23 AM	1.0	-	-	-	-
05/10/19 03:23 AM	2.4	-	-	-	-
05/10/19 04:23 AM	0.7	-	-	-	-
05/10/19 05:23 AM	2.7	-	-	-	-
05/10/19 06:23 AM	1.0	-	-	-	-
05/10/19 07:23 AM	3.1	-	-	-	-
05/10/19 08:23 AM	1.0	-	-	-	-
05/10/19 09:23 AM	2.1	-	-	-	-
05/10/19 10:23 AM	1.7	-	-	-	-
05/10/19 11:23 AM	0.3	-	-	-	-
05/10/19 12:23 PM	1.7	-	-	-	-
05/10/19 01:23 PM	2.1	-	-	-	-
05/10/19 02:23 PM	3.8	-	-	-	-
05/10/19 03:23 PM	1.4	-	-	-	-
05/10/19 04:23 PM	1.4	-	-	-	-
05/10/19 05:23 PM	2.7	-	-	-	-
05/10/19 06:23 PM	1.7	-	-	-	-
05/10/19 07:23 PM	3.8	-	-	-	-
05/10/19 08:23 PM	0.3	-	-	-	-
05/10/19 09:23 PM	1.0	-	-	-	-
05/10/19 10:23 PM	1.4	-	-	-	-
05/10/19 11:23 PM	1.4	-	-	-	-
05/11/19 12:23 AM	0.7	-	-	-	-
05/11/19 01:23 AM	3.4	-	-	-	-
05/11/19 02:23 AM	0.3	-	-	-	-
05/11/19 03:23 AM	2.4	-	-	-	-
05/11/19 04:23 AM	1.0	-	-	-	-
05/11/19 05:23 AM	1.7	-	-	-	-
05/11/19 06:23 AM	2.4	-	-	-	-
05/11/19 07:23 AM	2.1	-	-	-	-
05/11/19 08:23 AM	2.7	-	-	-	-
05/11/19 09:23 AM	2.1	-	-	-	-
05/11/19 10:23 AM	3.4	-	-	-	-
05/11/19 11:23 AM	1.7	-	-	-	-
05/11/19 12:23 PM	2.4	-	-	-	-
05/11/19 01:23 PM	1.4	-	-	-	-
05/11/19 02:23 PM	1.7	-	-	-	-
05/11/19 03:23 PM	2.4	-	-	-	-
05/11/19 04:23 PM	2.4	-	-	-	-
05/11/19 05:23 PM	2.1	-	-	-	-

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**Test Result: Pass**

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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>
05/11/19 06:23 PM	0.0	-	-	-	-
05/11/19 07:23 PM	0.7	-	-	-	-
05/11/19 08:23 PM	0.7	-	-	-	-
05/11/19 09:23 PM	0.7	-	-	-	-

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## Radon Test Information

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### 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:

- At or above 4.0 pCi/l (148 Bq/m<sup>3</sup>): Corrective measures to reduce exposure to radon gas is strongly recommended (ANSI MAH2014)
- Between 2-4 pCi/l (74-148 Bq/m<sup>3</sup>): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (74 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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