



**CASCADE RADON, INC.**

Testing, Mitigation,  
Systems Design  
CCB 180537 / CASCARI927C1

12839 NE Airport Way Bldg. 9  
Portland, OR 97230  
Phone: (503) 421-4813  
Fax: (503) 281-6170  
[Office@CascadeRadon.com](mailto:Office@CascadeRadon.com)

**Radon Survey Analysis**  
Job # 25-C018V

for

**Corbett School District**  
**Woodard Middle School**

c/o Steve Salisbury

Property located at

**31520 E Woodard Rd**

**Troutdale, OR 97060**

June 25, 2026

## **Introduction**

The following report documents a study of radon levels for the property located at 31520 E Woodard Rd. The goal of this study is to determine indoor radon levels within the areas addressed by the mitigation system following installation.

**Analysis assumes that the building tested was maintained under “closed-building” conditions** (windows closed and exterior doors shut immediately after entering and exiting) 12 hours prior to the start of testing, as well as normal indoor temperatures, for the duration of the testing period.

## **Conclusions and Recommendations**

The radon mitigation system has been installed per applicable codes. The average “Short-Term” test levels are now below the EPA recommended “action level” of 4.0 pCi/L. Test performed was a “Short-Term” post-mitigation diagnostic test, with a duration of 72 hours.

No further mitigation action is recommended at this time. The EPA recommends that in buildings with mitigation systems, mitigated areas undergo post-mitigation testing using a long-term, Alpha-Track type test for a duration of 12-months.

All conditions, warranties, and guarantees noted in the Contract are transferable to future owners of the same property. For further information regarding the system and long-term testing or post-mitigation radon testing please call our Office

## **Short-Term, Post-Mitigation Test Results:**

Manometer Reading: 1.0 inches of water column pressure.

The building tested was assumed occupied during testing.

The measurement technique used (2) Sun Nuclear 1028XP continuous electronic monitors: (Serial #240235012 and 238738001).

Measurements of radon levels were made in the following areas:

Test Start: 7:33 AM, 05/12/2026

Test End: 7:33 AM, 05/15/2026

Monitor ID 240235012 – Room 123

**Average radon reading for duration of test = 0.2 pCi/L**

Highest level recorded: 1.4 pCi/L

Lowest level recorded: 0.0 pCi/L

Test Start: 7:34 AM, 05/12/2026

Test End: 7:34 AM, 05/15/2026

Monitor ID 238738001 – Room 121

**Average radon reading for duration of test = 0.3 pCi/L**

Highest level recorded: 1.2 pCi/L

Lowest level recorded: 0.0 pCi/L

**Key:**

pCi/L: Picocuries per liter – units of radon concentration.

Average: Cumulative average of the entire period since the test started.

Please contact me if you have any questions.

Thank you,

Cascade Radon, Inc.

NRPP 112059 RT

# Radon Test Report

**Test Location:**

Corbett  
Room 123, 31520  
Troutdale, OREGON 97060  
Tim@cascaderadon.com  
Educational

**Test For:**

Corbett  
31520  
Troutdale, OREGON 97060  
Tim@cascaderadon.com  
Type: Diagnosis

**Test Performed By:**

Radon  
Test.  
Report.  
Prevent.

## Test Result: Pass

EPA Average:

**0.2 pCi/l**

**Test Device Details:**

SunRADON CRM:	1028XP
Serial Number:	240235012
Last Calibration:	10/24/2025
Next Calibration:	10/24/2026
Cal-Factors:	2.16
Motion Error:	Yes

**Test Site Condition:**

Condition:	Recent Rainfall
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**Test Summary:**

CRM Location:	Start	Stop	Interval	Duration
Room 123	05/12/2026 07:33 AM	05/15/2026 07:33 AM	1 hr	72 hr

**Test Details:**

*First 4 hrs of data excluded	Min	Max	Average	Units
Radon Concentration	0.0	1.4	0.2	pCi/l

**Comments:**

NRPP 112059RMP

**Inspector Signature****Test Location:**

Room 123, 31520  
Troutdale, OREGON 97060

**Inspection Report Date:**

06/12/2026



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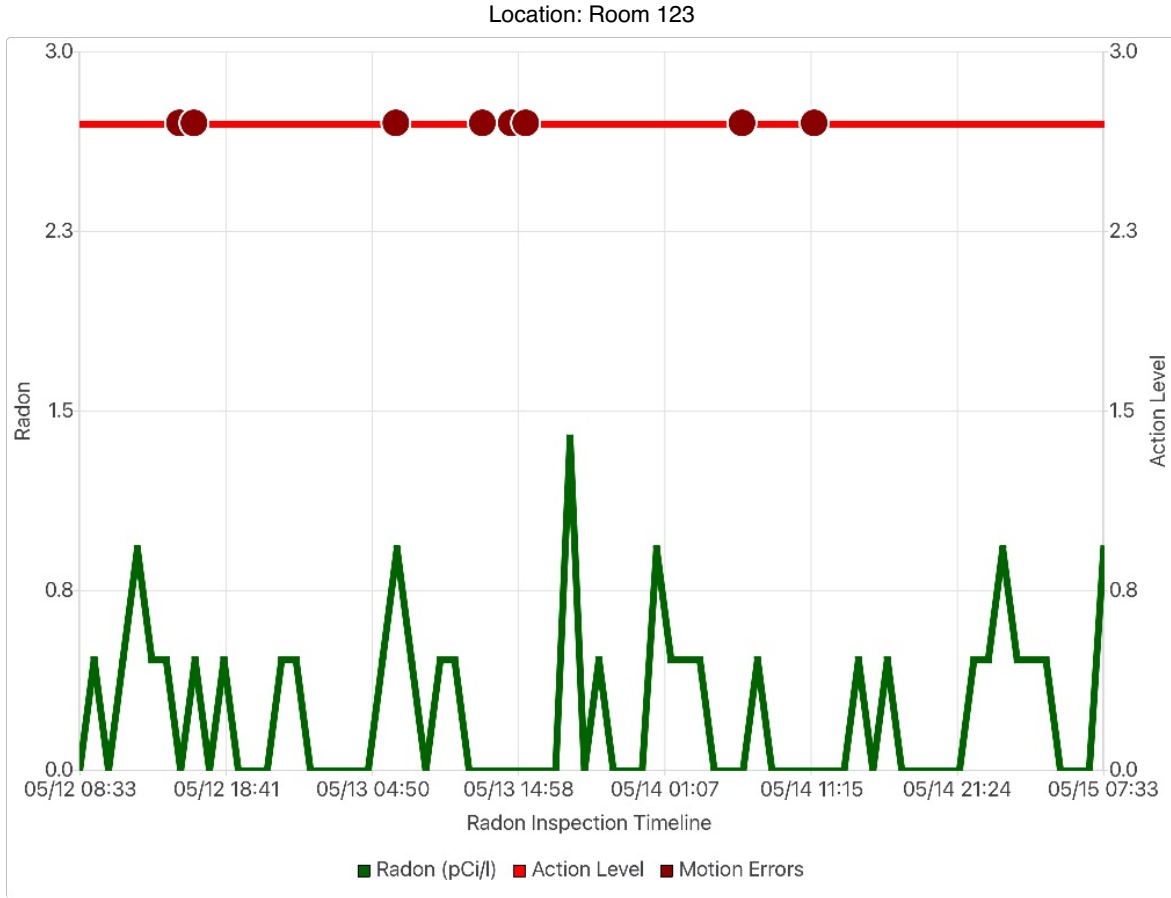
Test device manufactured by SunRADON, LLC

OneRADON™ Version 2.4.80

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## Radon Inspection Chart

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**Test Result: Pass**

**Test Location:** Room 123, 31520 Troutdale, OREGON 97060

**Inspection Report Date:** 06/12/2026

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Test device manufactured by SunRADON, LLC

## Test Table

Location: Room 123 (\*Data from first 4 hours excluded from EPA calculations)

The test data was taken from a testing device approved by the National Radon Proficiency Program. The test was performed in accordance with the current ANSI/AARST standards and guidelines accepted for radon testing.

Date/Time	Radon(pCi/l)	Flags
05/12/26 08:33 AM	0.0	-
05/12/26 09:33 AM	0.5	-
05/12/26 10:33 AM	0.0	-
05/12/26 11:33 AM	0.5	-
05/12/26 12:33 PM	0.9	-
05/12/26 01:33 PM	0.5	-
05/12/26 02:33 PM	0.5	-
05/12/26 03:33 PM	0.0	M
05/12/26 04:33 PM	0.5	M
05/12/26 05:33 PM	0.0	-
05/12/26 06:33 PM	0.5	-
05/12/26 07:33 PM	0.0	-
05/12/26 08:33 PM	0.0	-
05/12/26 09:33 PM	0.0	-
05/12/26 10:33 PM	0.5	-
05/12/26 11:33 PM	0.5	-
05/13/26 12:33 AM	0.0	-
05/13/26 01:33 AM	0.0	-
05/13/26 02:33 AM	0.0	-
05/13/26 03:33 AM	0.0	-
05/13/26 04:33 AM	0.0	-
05/13/26 05:33 AM	0.5	-
05/13/26 06:33 AM	0.9	M
05/13/26 07:33 AM	0.5	-
05/13/26 08:33 AM	0.0	-
05/13/26 09:33 AM	0.5	-
05/13/26 10:33 AM	0.5	-
05/13/26 11:33 AM	0.0	-
05/13/26 12:33 PM	0.0	M
05/13/26 01:33 PM	0.0	-
05/13/26 02:33 PM	0.0	M
05/13/26 03:33 PM	0.0	M
05/13/26 04:33 PM	0.0	-
05/13/26 05:33 PM	0.0	-
05/13/26 06:33 PM	1.4	-
05/13/26 07:33 PM	0.0	-
05/13/26 08:33 PM	0.5	-
05/13/26 09:33 PM	0.0	-
05/13/26 10:33 PM	0.0	-
05/13/26 11:33 PM	0.0	-
05/14/26 12:33 AM	0.9	-
05/14/26 01:33 AM	0.5	-
05/14/26 02:33 AM	0.5	-
05/14/26 03:33 AM	0.5	-
05/14/26 04:33 AM	0.0	-
05/14/26 05:33 AM	0.0	-
05/14/26 06:33 AM	0.0	M
05/14/26 07:33 AM	0.5	-
05/14/26 08:33 AM	0.0	-
05/14/26 09:33 AM	0.0	-

### Test Result: Pass

**Test Location:** Room 123, 31520  
Troutdale, OREGON 97060

**Inspection Report Date:**  
06/12/2026

Test device manufactured by SunRADON, LLC

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## Test Table

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Location: Room 123 (\*Data from first 4 hours excluded from EPA calculations)

The test data was taken from a testing device approved by the National Radon Proficiency Program. The test was performed in accordance with the current ANSI/AARST standards and guidelines accepted for radon testing.

Date/Time	Radon(pCi/l)	Flags
05/14/26 10:33 AM	0.0	-
05/14/26 11:33 AM	0.0	M
05/14/26 12:33 PM	0.0	-
05/14/26 01:33 PM	0.0	-
05/14/26 02:33 PM	0.5	-
05/14/26 03:33 PM	0.0	-
05/14/26 04:33 PM	0.5	-
05/14/26 05:33 PM	0.0	-
05/14/26 06:33 PM	0.0	-
05/14/26 07:33 PM	0.0	-
05/14/26 08:33 PM	0.0	-
05/14/26 09:33 PM	0.0	-
05/14/26 10:33 PM	0.5	-
05/14/26 11:33 PM	0.5	-
05/15/26 12:33 AM	0.9	-
05/15/26 01:33 AM	0.5	-
05/15/26 02:33 AM	0.5	-
05/15/26 03:33 AM	0.5	-
05/15/26 04:33 AM	0.0	-
05/15/26 05:33 AM	0.0	-
05/15/26 06:33 AM	0.0	-
05/15/26 07:33 AM	0.9	-

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### Test Result: Pass

**Test Location:** Room 123, 31520  
Troutdale, OREGON 97060

**Inspection Report Date:**  
06/12/2026

Test device manufactured by SunRADON, LLC

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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 48h 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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**Test Result: Pass**

**Test Location:** Room 123, 31520  
Troutdale, OREGON 97060

**Inspection Report Date:**  
06/12/2026

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Test device manufactured by SunRADON, LLC

# Radon Test Report

**Test Location:**

Corbett woodard  
Pre Occupation room 121 , 31520 E  
Woodward rd  
Troutdale , OREGON 97060  
Tim@cascaderadon.com  
9718087926

**Test For:**

Corbett woodard  
31520 E Woodward rd  
Troutdale , OREGON 97060  
Tim@cascaderadon.com  
9718087926

**Test Performed By:**

Radon  
Test.  
Report.  
Prevent.

## Test Result: Pass

**EPA Average:**

**0.3 pCi/l**

**Test Device Details:**

SunRADON CRM:	1028XP
Serial Number:	238738001
Last Calibration:	05/24/2025
Next Calibration:	05/24/2026
Cal-Factors:	2.52
Motion Error:	Yes

**Test Summary:**

CRM Location:	Start	Stop	Interval	Duration
Room 121	05/12/2026 07:34 AM	05/15/2026 07:34 AM	1 hr	72 hr

**Test Details:**

*First 4 hrs of data excluded	Min	Max	Average	Units
Radon Concentration	0.0	1.2	0.3	pCi/l
Temperature	65.8	77.4	69.5	F
Humidity	41	55	50	%
Pressure	29.53	29.94	29.81	inHg

**Comments:**

NRPP 112059RMP

**Inspector Signature****Test Location:**

Pre Occupation room 121 ,  
31520 E Woodward rd  
Troutdale , OREGON 97060

**Inspection Report Date:**

06/12/2026



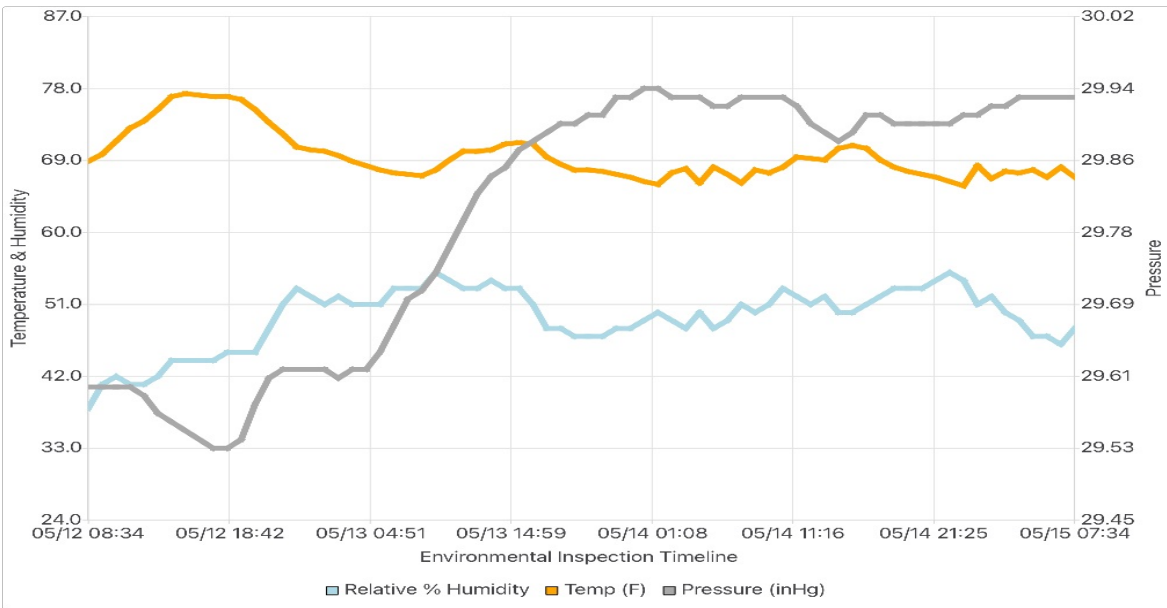
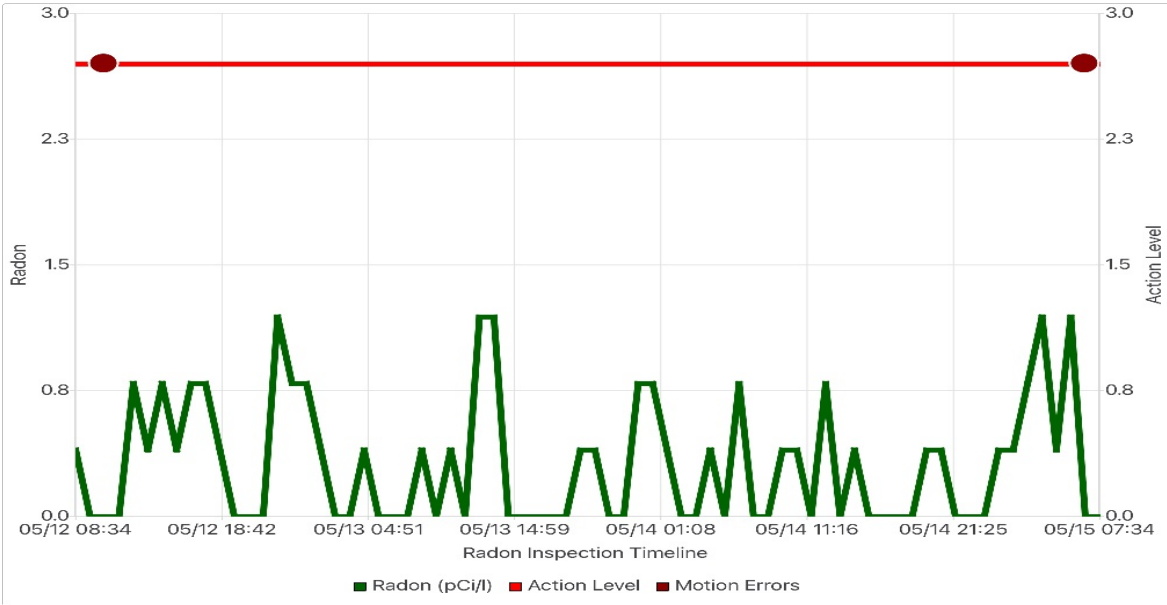
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## Radon Inspection Chart



**Test Result: Pass**

**Test Location:** Pre Occupation room 121 , 31520 E Woodward rd  
Troutdale , OREGON 97060

**Inspection Report Date:**  
06/12/2026

Test device manufactured by SunRADON, LLC

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## Test Checklist

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- The location of the detector was selected so the detector was not to be disturbed during testing.
- The monitor was not placed in an area of high humidity such as: Kitchen, laundry room, cellar, spa room, garage, crawl space or sump area.
- The detector was not located near drafts caused by HVAC vents, windows and doors.
- Whole house fans were turned off during the testing.
- The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- Portable window fans were removed or sealed in place prior to testing.
- The detector was placed within the breathing zone of at least 20 inches to 6 feet above the floor and at least 1 foot below the ceiling if suspended.
- Window air conditioners were operable in recirculation mode only.
- The detector was not placed within 1 foot of outside walls of the home or within 3 feet of any windows or doors to the exterior of the home.
- Ceiling fans, portable dehumidifiers, portable humidifiers, portable air filters, and all window air conditioners are not operated within 20 feet of the detector.

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### Test Result: Pass

**Test Location:** Pre Occupation room 121 , 31520 E Woodward rd  
Troutdale , OREGON 97060

**Inspection Report Date:**  
06/12/2026

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Test device manufactured by SunRADON, LLC

## Test Table

(\*Data from first 4 hours excluded from EPA calculations)

The test data was taken from a testing device approved by the National Radon Proficiency Program. The test was performed in accordance with the current ANSI/AARST standards and guidelines accepted for radon testing.

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
05/12/26 08:34 AM	0.4	68.9	29.60	38	-
05/12/26 09:34 AM	0.0	69.8	29.60	41	-
05/12/26 10:34 AM	0.0	71.4	29.60	42	M
05/12/26 11:34 AM	0.0	73.0	29.60	41	-
05/12/26 12:34 PM	0.8	73.9	29.59	41	-
05/12/26 01:34 PM	0.4	75.4	29.57	42	-
05/12/26 02:34 PM	0.8	77.0	29.56	44	-
05/12/26 03:34 PM	0.4	77.4	29.55	44	-
05/12/26 04:34 PM	0.8	77.2	29.54	44	-
05/12/26 05:34 PM	0.8	77.0	29.53	44	-
05/12/26 06:34 PM	0.4	77.0	29.53	45	-
05/12/26 07:34 PM	0.0	76.6	29.54	45	-
05/12/26 08:34 PM	0.0	75.4	29.58	45	-
05/12/26 09:34 PM	0.0	73.8	29.61	48	-
05/12/26 10:34 PM	1.2	72.3	29.62	51	-
05/12/26 11:34 PM	0.8	70.7	29.62	53	-
05/13/26 12:34 AM	0.8	70.3	29.62	52	-
05/13/26 01:34 AM	0.4	70.2	29.62	51	-
05/13/26 02:34 AM	0.0	69.6	29.61	52	-
05/13/26 03:34 AM	0.0	68.9	29.62	51	-
05/13/26 04:34 AM	0.4	68.4	29.62	51	-
05/13/26 05:34 AM	0.0	67.8	29.64	51	-
05/13/26 06:34 AM	0.0	67.5	29.67	53	-
05/13/26 07:34 AM	0.0	67.3	29.70	53	-
05/13/26 08:34 AM	0.4	67.1	29.71	53	-
05/13/26 09:34 AM	0.0	67.8	29.73	55	-
05/13/26 10:34 AM	0.4	69.1	29.76	54	-
05/13/26 11:34 AM	0.0	70.2	29.79	53	-
05/13/26 12:34 PM	1.2	70.2	29.82	53	-
05/13/26 01:34 PM	1.2	70.3	29.84	54	-
05/13/26 02:34 PM	0.0	71.1	29.85	53	-
05/13/26 03:34 PM	0.0	71.2	29.87	53	-
05/13/26 04:34 PM	0.0	71.1	29.88	51	-
05/13/26 05:34 PM	0.0	69.4	29.89	48	-
05/13/26 06:34 PM	0.0	68.5	29.90	48	-
05/13/26 07:34 PM	0.4	67.8	29.90	47	-
05/13/26 08:34 PM	0.4	67.8	29.91	47	-
05/13/26 09:34 PM	0.0	67.6	29.91	47	-
05/13/26 10:34 PM	0.0	67.3	29.93	48	-
05/13/26 11:34 PM	0.8	66.9	29.93	48	-
05/14/26 12:34 AM	0.8	66.4	29.94	49	-
05/14/26 01:34 AM	0.4	66.0	29.94	50	-
05/14/26 02:34 AM	0.0	67.5	29.93	49	-
05/14/26 03:34 AM	0.0	68.0	29.93	48	-
05/14/26 04:34 AM	0.4	66.2	29.93	50	-
05/14/26 05:34 AM	0.0	68.2	29.92	48	-
05/14/26 06:34 AM	0.8	67.3	29.92	49	-
05/14/26 07:34 AM	0.0	66.2	29.93	51	-
05/14/26 08:34 AM	0.0	67.8	29.93	50	-
05/14/26 09:34 AM	0.4	67.5	29.93	51	-

### Test Result: Pass

**Test Location:** Pre Occupation room 121 , 31520 E Woodward rd  
Troutdale , OREGON 97060

**Inspection Report Date:**  
06/12/2026

Test device manufactured by SunRADON, LLC

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## Test Table

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(\*Data from first 4 hours excluded from EPA calculations)

The test data was taken from a testing device approved by the National Radon Proficiency Program. The test was performed in accordance with the current ANSI/AARST standards and guidelines accepted for radon testing.

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
05/14/26 10:34 AM	0.4	68.2	29.93	53	-
05/14/26 11:34 AM	0.0	69.4	29.92	52	-
05/14/26 12:34 PM	0.8	69.3	29.90	51	-
05/14/26 01:34 PM	0.0	69.1	29.89	52	-
05/14/26 02:34 PM	0.4	70.5	29.88	50	-
05/14/26 03:34 PM	0.0	70.9	29.89	50	-
05/14/26 04:34 PM	0.0	70.5	29.91	51	-
05/14/26 05:34 PM	0.0	69.1	29.91	52	-
05/14/26 06:34 PM	0.0	68.2	29.90	53	-
05/14/26 07:34 PM	0.4	67.6	29.90	53	-
05/14/26 08:34 PM	0.4	67.3	29.90	53	-
05/14/26 09:34 PM	0.0	66.9	29.90	54	-
05/14/26 10:34 PM	0.0	66.4	29.90	55	-
05/14/26 11:34 PM	0.0	65.8	29.91	54	-
05/15/26 12:34 AM	0.4	68.4	29.91	51	-
05/15/26 01:34 AM	0.4	66.7	29.92	52	-
05/15/26 02:34 AM	0.8	67.6	29.92	50	-
05/15/26 03:34 AM	1.2	67.5	29.93	49	-
05/15/26 04:34 AM	0.4	67.8	29.93	47	-
05/15/26 05:34 AM	1.2	66.9	29.93	47	-
05/15/26 06:34 AM	0.0	68.2	29.93	46	M
05/15/26 07:34 AM	0.0	66.9	29.93	48	-

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### Test Result: Pass

**Test Location:** Pre Occupation room 121 , 31520 E Woodward rd  
Troutdale , OREGON 97060

**Inspection Report Date:**  
06/12/2026

Test device manufactured by SunRADON, LLC