



CASCADE RADON, INC.

Testing, Mitigation,
Systems Design
CCB 180537 / CASCARI927C1

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Radon Survey Analysis
Job # 22-C102V

for

Lake Oswego School District
Lake Grove Elementary
c/o Brent Paul

Property located at

15777 Boones Ferry Road

Lake Oswego, OR 97035

November 29, 2023

Introduction

The following report documents a study of radon levels for the property located at 15777 Boones Ferry Road Lake Oswego, OR 97035. The goal of this study is to determine indoor radon levels within the areas addressed by the mitigation system following system 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 minimum duration of 62 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. Alpha-Track test kits are available for about \$35-\$P40 each.

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, post-mitigation radon testing, please refer to the Mitigation Contract or the document titled “About Your Radon System” provided to you.

Short-Term, Post-Mitigation Test Results:

Manometer Reading, system #1 Classroom 23: Couldn't Access

Manometer Reading, system #2 Custodian Office: 2.0 inches of water column pressure.

Manometer Reading, system #3 Champions Office: 4.0 inches of water column pressure.

Manometer Reading, system #4 Gym Stage: 3.4 inches of water column pressure.

The building tested was assumed occupied during testing.

The measurement technique used (7) SunNuc continuous electronic monitors: (238738029, 239931014, 241778013, 241996014, 241522002, 238738013, 240290001)

Measurements of radon levels were made in the following areas:

Monitor ID 238738029 – Classroom 18

Test Start: 2:53PM 10/29/2023 Test End: 3:53PM 11/03/2023

Average radon reading for duration of test = 0.5 pCi/L

Highest level recorded: 2.3 pCi/L

Lowest level recorded: 0.0 pCi/L

Monitor ID 239931014 – Classroom 22

Test Start: 3:48PM 10/29/2023 Test End: 2:48PM 11/03/2023

Average radon reading for duration of test = 0.5 pCi/L

Highest level recorded: 2.7 pCi/L

Lowest level recorded: 0.0 pCi/L

Monitor ID 241778013 – Classroom 23

Test Start: 3:43PM 10/29/2023 Test End: 2:43PM 11/03/2023

Average radon reading for duration of test = 0.6 pCi/L

Highest level recorded: 2.5 pCi/L

Lowest level recorded: 0.0 pCi/L

Monitor ID 241996014 – Main Office

Test Start: 3:20PM 10/29/2023 Test End: 3:30PM 11/03/2023

Average radon reading for duration of test = 0.5 pCi/L

Highest level recorded: 2.3 pCi/L

Lowest level recorded: 0.0 pCi/L

Monitor ID 241522002 – Champions Office

Test Start: 3:05PM 10/29/2023 Test End: 3:05PM 11/03/2023

Average radon reading for duration of test = 0.9 pCi/L

Highest level recorded: 3.6 pCi/L

Lowest level recorded: 0.0 pCi/L

Monitor ID 238738013 – Gym Stage

Test Start: 3:01PM 10/29/2023 Test End: 3:01PM 11/03/2023

Average radon reading for duration of test = 1.4 pCi/L

Highest level recorded: 4.2 pCi/L

Lowest level recorded: 0.0 pCi/L

Monitor ID 240290001 – Custodian Office

Test Start: 3:21PM 10/29/2023 Test End: 3:21PM 11/03/2023

Average radon reading for duration of test = 0.7 pCi/L

Highest level recorded: 2.3 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,

Felicia Flanders

NRPP 112059 RMP

Radon Inspection Report

Test Location:22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Test For:**22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Inspected By:**Cascade Radon
12839 NE Airport Way
Portland, OR 97230
503.421.4813
Lic/Cert. # CCB180537/CASCARI927C1

Bldg. Type: Other Non-Residential

Type: Diagnosis

Radon
Test.
Report.
Prevent.**Monitor Retrieval:**

Felicia Flanders

Certificate:

NRPP 112059 RMP

Test Result: Pass

Overall Average:**0.6 pCi/l****EPA Average:****0.6 pCi/l****Test Device Details:**Serial Number: 238738029
Model Number: 1028XP
Last Calibration: 06/10/2023
Next Calibration: 06/10/2024
Cal-Factors: 2.62
Motion Error: Yes**Test Site Condition:**Condition: Recent Rainfall

Mitigation Sys: Installed and Active**Test Summary:**

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
Classroom 18	10/29/2023 02:53 PM	11/03/2023 03:53 PM	1 hr	121 hr

*First 4 hrs of data excluded	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	0.0	2.3	0.6	pCi/l

Comments:

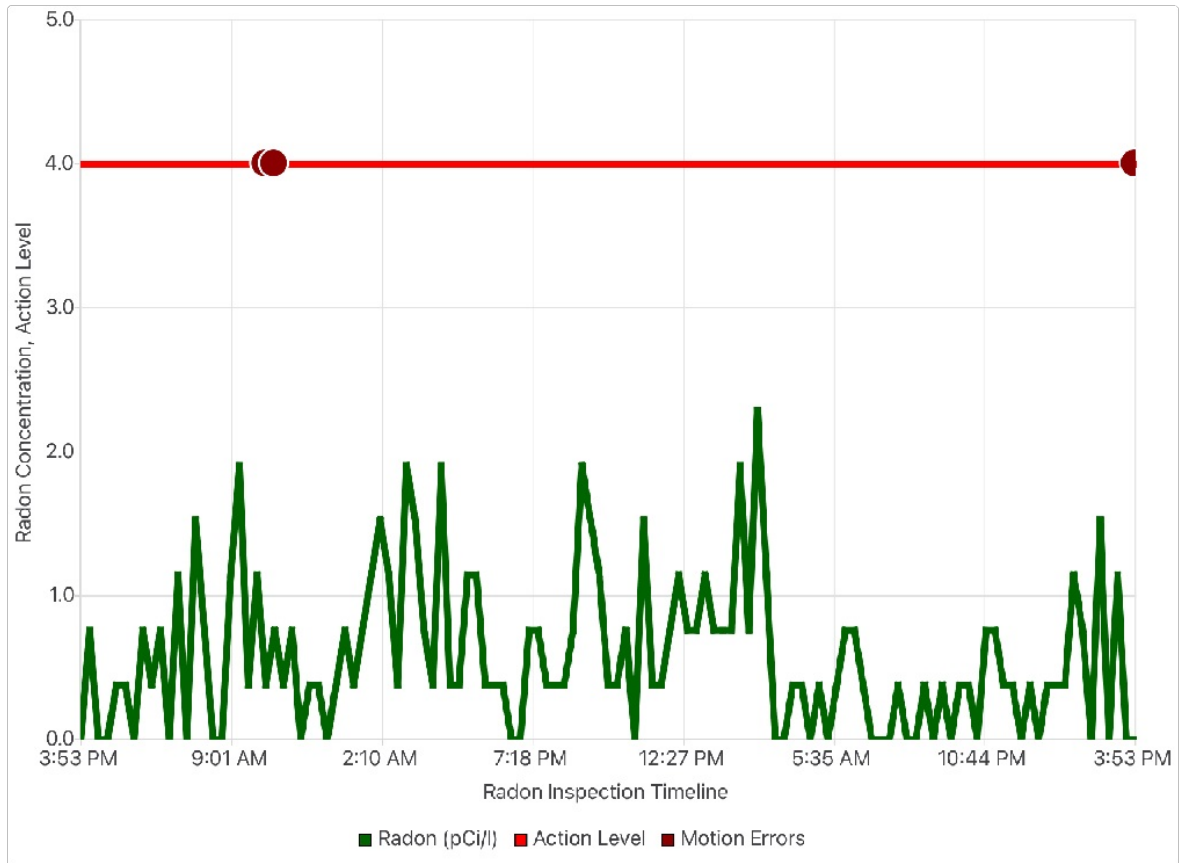
NRPP 112059 RMP

Lic/Cert Signature

Test device manufactured by SunRADON, LLC

Inspection Report Date: 11/03/2023

Radon Inspection Chart



Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Checklist

- ☒ 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.
- ☒ The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- ☒ 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.
- ☒ 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.

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
10/29/23 03:53 PM	0.0	-
10/29/23 04:53 PM	0.8	-
10/29/23 05:53 PM	0.0	-
10/29/23 06:53 PM	0.0	-
10/29/23 07:53 PM	0.4	-
10/29/23 08:53 PM	0.4	-
10/29/23 09:53 PM	0.0	-
10/29/23 10:53 PM	0.8	-
10/29/23 11:53 PM	0.4	-
10/30/23 12:53 AM	0.8	-
10/30/23 01:53 AM	0.0	-
10/30/23 02:53 AM	1.1	-
10/30/23 03:53 AM	0.0	-
10/30/23 04:53 AM	1.5	-
10/30/23 05:53 AM	0.8	-
10/30/23 06:53 AM	0.0	-
10/30/23 07:53 AM	0.0	-
10/30/23 08:53 AM	1.1	-
10/30/23 09:53 AM	1.9	-
10/30/23 10:53 AM	0.4	-
10/30/23 11:53 AM	1.1	-
10/30/23 12:53 PM	0.4	M
10/30/23 01:53 PM	0.8	M
10/30/23 02:53 PM	0.4	-
10/30/23 03:53 PM	0.8	-
10/30/23 04:53 PM	0.0	-
10/30/23 05:53 PM	0.4	-
10/30/23 06:53 PM	0.4	-
10/30/23 07:53 PM	0.0	-
10/30/23 08:53 PM	0.4	-
10/30/23 09:53 PM	0.8	-
10/30/23 10:53 PM	0.4	-
10/30/23 11:53 PM	0.8	-
10/31/23 12:53 AM	1.1	-
10/31/23 01:53 AM	1.5	-
10/31/23 02:53 AM	1.1	-
10/31/23 03:53 AM	0.4	-
10/31/23 04:53 AM	1.9	-
10/31/23 05:53 AM	1.5	-
10/31/23 06:53 AM	0.8	-
10/31/23 07:53 AM	0.4	-
10/31/23 08:53 AM	1.9	-
10/31/23 09:53 AM	0.4	-
10/31/23 10:53 AM	0.4	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
10/31/23 11:53 AM	1.1	-
10/31/23 12:53 PM	1.1	-
10/31/23 01:53 PM	0.4	-
10/31/23 02:53 PM	0.4	-
10/31/23 03:53 PM	0.4	-
10/31/23 04:53 PM	0.0	-
10/31/23 05:53 PM	0.0	-
10/31/23 06:53 PM	0.8	-
10/31/23 07:53 PM	0.8	-
10/31/23 08:53 PM	0.4	-
10/31/23 09:53 PM	0.4	-
10/31/23 10:53 PM	0.4	-
10/31/23 11:53 PM	0.8	-
11/01/23 12:53 AM	1.9	-
11/01/23 01:53 AM	1.5	-
11/01/23 02:53 AM	1.1	-
11/01/23 03:53 AM	0.4	-
11/01/23 04:53 AM	0.4	-
11/01/23 05:53 AM	0.8	-
11/01/23 06:53 AM	0.0	-
11/01/23 07:53 AM	1.5	-
11/01/23 08:53 AM	0.4	-
11/01/23 09:53 AM	0.4	-
11/01/23 10:53 AM	0.8	-
11/01/23 11:53 AM	1.1	-
11/01/23 12:53 PM	0.8	-
11/01/23 01:53 PM	0.8	-
11/01/23 02:53 PM	1.1	-
11/01/23 03:53 PM	0.8	-
11/01/23 04:53 PM	0.8	-
11/01/23 05:53 PM	0.8	-
11/01/23 06:53 PM	1.9	-
11/01/23 07:53 PM	0.8	-
11/01/23 08:53 PM	2.3	-
11/01/23 09:53 PM	1.1	-
11/01/23 10:53 PM	0.0	-
11/01/23 11:53 PM	0.0	-
11/02/23 12:53 AM	0.4	-
11/02/23 01:53 AM	0.4	-
11/02/23 02:53 AM	0.0	-
11/02/23 03:53 AM	0.4	-
11/02/23 04:53 AM	0.0	-
11/02/23 05:53 AM	0.4	-
11/02/23 06:53 AM	0.8	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
11/02/23 07:53 AM	0.8	-
11/02/23 08:53 AM	0.4	-
11/02/23 09:53 AM	0.0	-
11/02/23 10:53 AM	0.0	-
11/02/23 11:53 AM	0.0	-
11/02/23 12:53 PM	0.4	-
11/02/23 01:53 PM	0.0	-
11/02/23 02:53 PM	0.0	-
11/02/23 03:53 PM	0.4	-
11/02/23 04:53 PM	0.0	-
11/02/23 05:53 PM	0.4	-
11/02/23 06:53 PM	0.0	-
11/02/23 07:53 PM	0.4	-
11/02/23 08:53 PM	0.4	-
11/02/23 09:53 PM	0.0	-
11/02/23 10:53 PM	0.8	-
11/02/23 11:53 PM	0.8	-
11/03/23 12:53 AM	0.4	-
11/03/23 01:53 AM	0.4	-
11/03/23 02:53 AM	0.0	-
11/03/23 03:53 AM	0.4	-
11/03/23 04:53 AM	0.0	-
11/03/23 05:53 AM	0.4	-
11/03/23 06:53 AM	0.4	-
11/03/23 07:53 AM	0.4	-
11/03/23 08:53 AM	1.1	-
11/03/23 09:53 AM	0.8	-
11/03/23 10:53 AM	0.0	-
11/03/23 11:53 AM	1.5	-
11/03/23 12:53 PM	0.0	-
11/03/23 01:53 PM	1.1	-
11/03/23 02:53 PM	0.0	-
11/03/23 03:53 PM	0.0	M

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Radon Inspection Report

Test Location:22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Test For:**22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Inspected By:**Cascade Radon
12839 NE Airport Way
Portland, OR 97230
503.421.4813
Lic/Cert. # CCB180537/CASCARI927C1

Bldg. Type: Other Non-Residential

Type: Diagnosis

Radon
Test.
Report.
Prevent.**Monitor Retrieval:**

Felicia Flanders

Certificate:

NRPP 112059 RMP

Test Result: Pass

Overall Average:**0.5 pCi/l****EPA Average:****0.5 pCi/l****Test Device Details:**Serial Number: 239931014
Model Number: 1028XP
Last Calibration: 06/10/2023
Next Calibration: 06/10/2024
Cal-Factors: 2.55
Motion Error: No**Test Site Condition:**Condition: Recent Rainfall

Mitigation Sys: Installed and Active**Test Summary:**

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
Classroom 22	10/29/2023 03:48 PM	11/03/2023 02:48 PM	1 hr	119 hr

*First 4 hrs of data excluded	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	0.0	2.7	0.5	pCi/l

Comments:

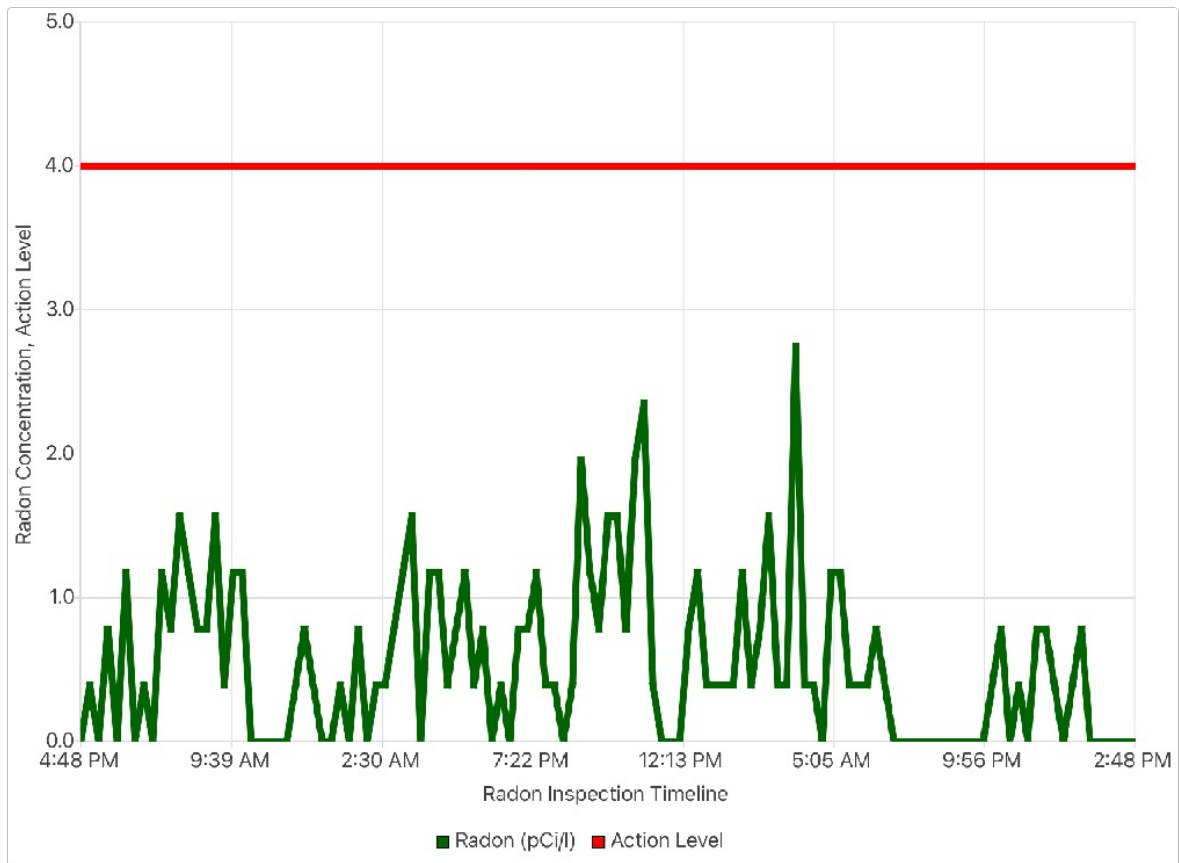
NRPP 112059 RMP

Lic/Cert Signature

Test device manufactured by SunRADON, LLC

Inspection Report Date: 11/03/2023

Radon Inspection Chart



Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
10/29/23 04:48 PM	0.0	-
10/29/23 05:48 PM	0.4	-
10/29/23 06:48 PM	0.0	-
10/29/23 07:48 PM	0.8	-
10/29/23 08:48 PM	0.0	-
10/29/23 09:48 PM	1.2	-
10/29/23 10:48 PM	0.0	-
10/29/23 11:48 PM	0.4	-
10/30/23 12:48 AM	0.0	-
10/30/23 01:48 AM	1.2	-
10/30/23 02:48 AM	0.8	-
10/30/23 03:48 AM	1.6	-
10/30/23 04:48 AM	1.2	-
10/30/23 05:48 AM	0.8	-
10/30/23 06:48 AM	0.8	-
10/30/23 07:48 AM	1.6	-
10/30/23 08:48 AM	0.4	-
10/30/23 09:48 AM	1.2	-
10/30/23 10:48 AM	1.2	-
10/30/23 11:48 AM	0.0	-
10/30/23 12:48 PM	0.0	-
10/30/23 01:48 PM	0.0	-
10/30/23 02:48 PM	0.0	-
10/30/23 03:48 PM	0.0	-
10/30/23 04:48 PM	0.4	-
10/30/23 05:48 PM	0.8	-
10/30/23 06:48 PM	0.4	-
10/30/23 07:48 PM	0.0	-
10/30/23 08:48 PM	0.0	-
10/30/23 09:48 PM	0.4	-
10/30/23 10:48 PM	0.0	-
10/30/23 11:48 PM	0.8	-
10/31/23 12:48 AM	0.0	-
10/31/23 01:48 AM	0.4	-
10/31/23 02:48 AM	0.4	-
10/31/23 03:48 AM	0.8	-
10/31/23 04:48 AM	1.2	-
10/31/23 05:48 AM	1.6	-
10/31/23 06:48 AM	0.0	-
10/31/23 07:48 AM	1.2	-
10/31/23 08:48 AM	1.2	-
10/31/23 09:48 AM	0.4	-
10/31/23 10:48 AM	0.8	-
10/31/23 11:48 AM	1.2	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
10/31/23 12:48 PM	0.4	-
10/31/23 01:48 PM	0.8	-
10/31/23 02:48 PM	0.0	-
10/31/23 03:48 PM	0.4	-
10/31/23 04:48 PM	0.0	-
10/31/23 05:48 PM	0.8	-
10/31/23 06:48 PM	0.8	-
10/31/23 07:48 PM	1.2	-
10/31/23 08:48 PM	0.4	-
10/31/23 09:48 PM	0.4	-
10/31/23 10:48 PM	0.0	-
10/31/23 11:48 PM	0.4	-
11/01/23 12:48 AM	2.0	-
11/01/23 01:48 AM	1.2	-
11/01/23 02:48 AM	0.8	-
11/01/23 03:48 AM	1.6	-
11/01/23 04:48 AM	1.6	-
11/01/23 05:48 AM	0.8	-
11/01/23 06:48 AM	2.0	-
11/01/23 07:48 AM	2.4	-
11/01/23 08:48 AM	0.4	-
11/01/23 09:48 AM	0.0	-
11/01/23 10:48 AM	0.0	-
11/01/23 11:48 AM	0.0	-
11/01/23 12:48 PM	0.8	-
11/01/23 01:48 PM	1.2	-
11/01/23 02:48 PM	0.4	-
11/01/23 03:48 PM	0.4	-
11/01/23 04:48 PM	0.4	-
11/01/23 05:48 PM	0.4	-
11/01/23 06:48 PM	1.2	-
11/01/23 07:48 PM	0.4	-
11/01/23 08:48 PM	0.8	-
11/01/23 09:48 PM	1.6	-
11/01/23 10:48 PM	0.4	-
11/01/23 11:48 PM	0.4	-
11/02/23 12:48 AM	2.7	-
11/02/23 01:48 AM	0.4	-
11/02/23 02:48 AM	0.4	-
11/02/23 03:48 AM	0.0	-
11/02/23 04:48 AM	1.2	-
11/02/23 05:48 AM	1.2	-
11/02/23 06:48 AM	0.4	-
11/02/23 07:48 AM	0.4	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
11/02/23 08:48 AM	0.4	-
11/02/23 09:48 AM	0.8	-
11/02/23 10:48 AM	0.4	-
11/02/23 11:48 AM	0.0	-
11/02/23 12:48 PM	0.0	-
11/02/23 01:48 PM	0.0	-
11/02/23 02:48 PM	0.0	-
11/02/23 03:48 PM	0.0	-
11/02/23 04:48 PM	0.0	-
11/02/23 05:48 PM	0.0	-
11/02/23 06:48 PM	0.0	-
11/02/23 07:48 PM	0.0	-
11/02/23 08:48 PM	0.0	-
11/02/23 09:48 PM	0.0	-
11/02/23 10:48 PM	0.4	-
11/02/23 11:48 PM	0.8	-
11/03/23 12:48 AM	0.0	-
11/03/23 01:48 AM	0.4	-
11/03/23 02:48 AM	0.0	-
11/03/23 03:48 AM	0.8	-
11/03/23 04:48 AM	0.8	-
11/03/23 05:48 AM	0.4	-
11/03/23 06:48 AM	0.0	-
11/03/23 07:48 AM	0.4	-
11/03/23 08:48 AM	0.8	-
11/03/23 09:48 AM	0.0	-
11/03/23 10:48 AM	0.0	-
11/03/23 11:48 AM	0.0	-
11/03/23 12:48 PM	0.0	-
11/03/23 01:48 PM	0.0	-
11/03/23 02:48 PM	0.0	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Radon Inspection Report

Test Location:22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Test For:**22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Inspected By:**Cascade Radon
12839 NE Airport Way
Portland, OR 97230
503.421.4813
Lic/Cert. # CCB180537/CASCARI927C1

Bldg. Type: Other Non-Residential

Type: Diagnosis

Radon
Test.
Report.
Prevent.**Monitor Retrieval:**

Felicia Flanders

Certificate:

NRPP 112059 RMP

Test Result: Pass

Overall Average:**0.5 pCi/l****EPA Average:****0.6 pCi/l****Test Device Details:**Serial Number: 241778013
Model Number: 1028XP
Last Calibration: 08/16/2023
Next Calibration: 08/16/2024
Cal-Factors: 2.75
Motion Error: Yes**Test Site Condition:**Condition: Recent Rainfall

Mitigation Sys: Installed and Active**Test Summary:**

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
Classroom 23	10/29/2023 03:43 PM	11/03/2023 02:43 PM	1 hr	119 hr

	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
*First 4 hrs of data excluded				
Radon Concentration:	0.0	2.5	0.6	pCi/l
Temperature	62.6	70.3	67.9	F
Humidity	30	60	41	%
Pressure	29.65	30.13	29.94	inHg

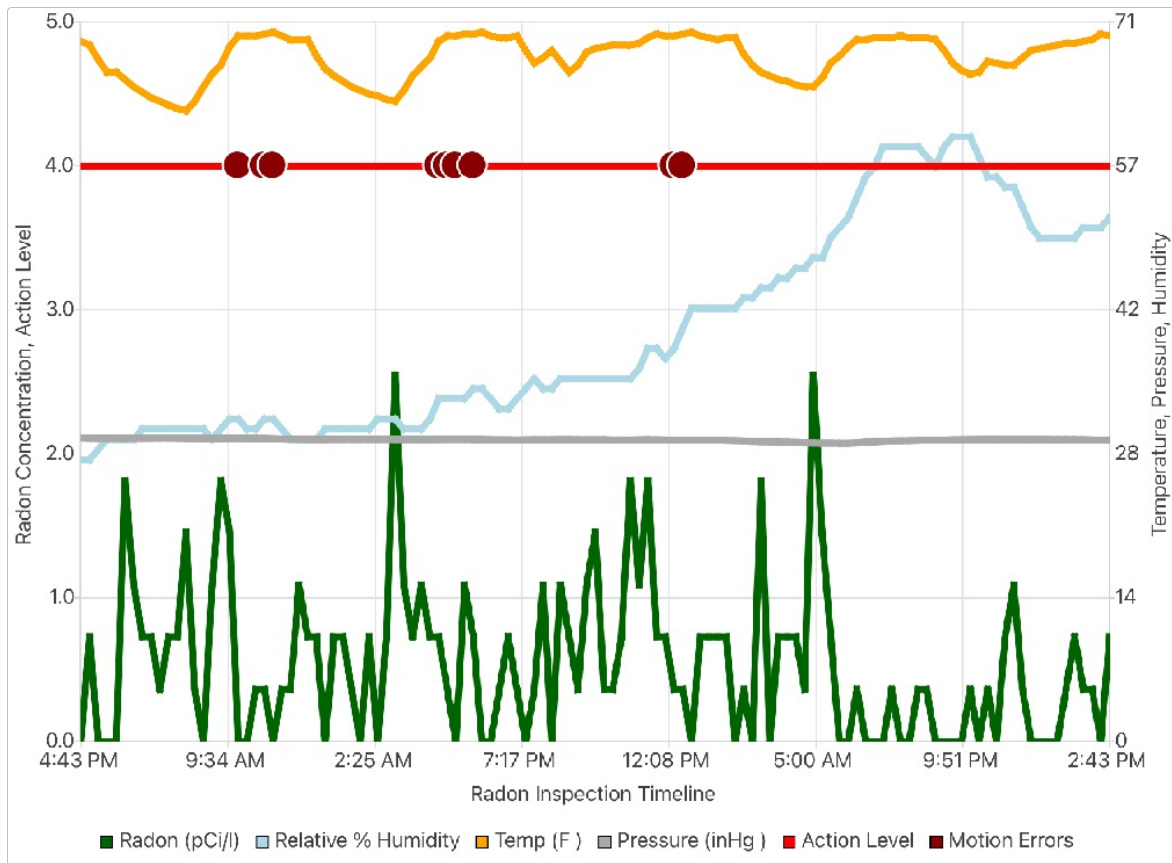
Comments:

NRPP 112059 RMP

Lic/Cert Signature**Inspection Report Date: 11/03/2023**

Test device manufactured by SunRADON, LLC

Radon Inspection Chart



Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Checklist

- ☒ 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.
- ☒ The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- ☒ 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.
- ☒ 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.

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/29/23 04:43 PM	0.0	69.4	30.13	28	-
10/29/23 05:43 PM	0.7	69.1	30.12	28	-
10/29/23 06:43 PM	0.0	67.6	30.11	29	-
10/29/23 07:43 PM	0.0	66.4	30.11	30	-
10/29/23 08:43 PM	0.0	66.4	30.12	30	-
10/29/23 09:43 PM	1.8	65.7	30.11	30	-
10/29/23 10:43 PM	1.1	64.9	30.12	30	-
10/29/23 11:43 PM	0.7	64.4	30.12	31	-
10/30/23 12:43 AM	0.7	63.9	30.12	31	-
10/30/23 01:43 AM	0.4	63.5	30.13	31	-
10/30/23 02:43 AM	0.7	63.1	30.13	31	-
10/30/23 03:43 AM	0.7	62.8	30.12	31	-
10/30/23 04:43 AM	1.5	62.6	30.10	31	-
10/30/23 05:43 AM	0.4	63.5	30.09	31	-
10/30/23 06:43 AM	0.0	64.9	30.09	31	-
10/30/23 07:43 AM	1.1	66.2	30.09	30	-
10/30/23 08:43 AM	1.8	67.1	30.09	31	-
10/30/23 09:43 AM	1.5	68.9	30.10	32	-
10/30/23 10:43 AM	0.0	70.0	30.10	32	M
10/30/23 11:43 AM	0.0	70.0	30.09	31	-
10/30/23 12:43 PM	0.4	70.0	30.09	31	-
10/30/23 01:43 PM	0.4	70.2	30.07	32	M
10/30/23 02:43 PM	0.0	70.3	30.05	32	M
10/30/23 03:43 PM	0.4	70.0	30.03	31	-
10/30/23 04:43 PM	0.4	69.6	30.02	30	-
10/30/23 05:43 PM	1.1	69.6	30.01	30	-
10/30/23 06:43 PM	0.7	69.6	29.99	30	-
10/30/23 07:43 PM	0.7	68.0	29.99	30	-
10/30/23 08:43 PM	0.0	66.7	29.99	31	-
10/30/23 09:43 PM	0.7	66.0	30.00	31	-
10/30/23 10:43 PM	0.7	65.5	30.00	31	-
10/30/23 11:43 PM	0.4	64.9	30.00	31	-
10/31/23 12:43 AM	0.0	64.6	30.00	31	-
10/31/23 01:43 AM	0.7	64.2	30.00	31	-
10/31/23 02:43 AM	0.0	64.0	30.00	32	-
10/31/23 03:43 AM	0.7	63.7	30.00	32	-
10/31/23 04:43 AM	2.5	63.5	29.99	32	-
10/31/23 05:43 AM	1.1	64.6	29.99	31	-
10/31/23 06:43 AM	0.7	66.0	29.99	31	-
10/31/23 07:43 AM	1.1	66.9	29.98	31	-
10/31/23 08:43 AM	0.7	67.8	29.98	32	-
10/31/23 09:43 AM	0.7	69.4	29.99	34	M
10/31/23 10:43 AM	0.4	70.0	30.00	34	M
10/31/23 11:43 AM	0.0	70.0	30.00	34	M

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/31/23 12:43 PM	1.1	70.2	30.00	34	-
10/31/23 01:43 PM	0.7	70.2	29.98	35	M
10/31/23 02:43 PM	0.0	70.3	29.96	35	-
10/31/23 03:43 PM	0.0	70.0	29.94	34	-
10/31/23 04:43 PM	0.4	69.8	29.93	33	-
10/31/23 05:43 PM	0.7	69.8	29.93	33	-
10/31/23 06:43 PM	0.4	70.0	29.92	34	-
10/31/23 07:43 PM	0.0	68.5	29.93	35	-
10/31/23 08:43 PM	0.4	67.3	29.94	36	-
10/31/23 09:43 PM	1.1	67.8	29.94	35	-
10/31/23 10:43 PM	0.0	68.5	29.94	35	-
10/31/23 11:43 PM	1.1	67.5	29.95	36	-
11/01/23 12:43 AM	0.7	66.4	29.95	36	-
11/01/23 01:43 AM	0.4	67.1	29.94	36	-
11/01/23 02:43 AM	1.1	68.4	29.94	36	-
11/01/23 03:43 AM	1.5	68.7	29.94	36	-
11/01/23 04:43 AM	0.4	68.9	29.94	36	-
11/01/23 05:43 AM	0.4	69.1	29.92	36	-
11/01/23 06:43 AM	0.7	69.1	29.92	36	-
11/01/23 07:43 AM	1.8	69.1	29.92	36	-
11/01/23 08:43 AM	1.1	69.3	29.93	37	-
11/01/23 09:43 AM	1.8	69.8	29.94	39	-
11/01/23 10:43 AM	0.7	70.2	29.93	39	-
11/01/23 11:43 AM	0.7	70.0	29.92	38	-
11/01/23 12:43 PM	0.4	70.0	29.91	39	M
11/01/23 01:43 PM	0.4	70.2	29.91	41	M
11/01/23 02:43 PM	0.0	70.3	29.89	43	-
11/01/23 03:43 PM	0.7	70.0	29.87	43	-
11/01/23 04:43 PM	0.7	69.8	29.87	43	-
11/01/23 05:43 PM	0.7	69.6	29.87	43	-
11/01/23 06:43 PM	0.7	69.8	29.85	43	-
11/01/23 07:43 PM	0.0	69.8	29.83	43	-
11/01/23 08:43 PM	0.4	68.2	29.81	44	-
11/01/23 09:43 PM	0.0	67.1	29.79	44	-
11/01/23 10:43 PM	1.8	66.4	29.77	45	-
11/01/23 11:43 PM	0.0	66.0	29.76	45	-
11/02/23 12:43 AM	0.7	65.7	29.74	46	-
11/02/23 01:43 AM	0.7	65.5	29.72	46	-
11/02/23 02:43 AM	0.7	65.1	29.70	47	-
11/02/23 03:43 AM	0.4	64.9	29.68	47	-
11/02/23 04:43 AM	2.5	64.9	29.67	48	-
11/02/23 05:43 AM	1.5	65.8	29.66	48	-
11/02/23 06:43 AM	0.7	67.3	29.66	50	-
11/02/23 07:43 AM	0.0	68.0	29.65	51	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
11/02/23 08:43 AM	0.0	68.9	29.65	52	-
11/02/23 09:43 AM	0.4	69.6	29.68	54	-
11/02/23 10:43 AM	0.0	69.6	29.72	56	-
11/02/23 11:43 AM	0.0	69.8	29.75	57	-
11/02/23 12:43 PM	0.0	69.8	29.79	59	-
11/02/23 01:43 PM	0.4	69.8	29.81	59	-
11/02/23 02:43 PM	0.0	70.0	29.82	59	-
11/02/23 03:43 PM	0.0	69.8	29.83	59	-
11/02/23 04:43 PM	0.4	69.8	29.85	59	-
11/02/23 05:43 PM	0.4	69.8	29.87	58	-
11/02/23 06:43 PM	0.0	69.6	29.88	57	-
11/02/23 07:43 PM	0.0	68.5	29.91	59	-
11/02/23 08:43 PM	0.0	67.3	29.93	60	-
11/02/23 09:43 PM	0.0	66.6	29.94	60	-
11/02/23 10:43 PM	0.4	66.2	29.95	60	-
11/02/23 11:43 PM	0.0	66.4	29.96	58	-
11/03/23 12:43 AM	0.4	67.5	29.97	56	-
11/03/23 01:43 AM	0.0	67.3	29.97	56	-
11/03/23 02:43 AM	0.7	67.1	29.96	55	-
11/03/23 03:43 AM	1.1	67.1	29.97	55	-
11/03/23 04:43 AM	0.4	67.8	29.96	53	-
11/03/23 05:43 AM	0.0	68.5	29.96	51	-
11/03/23 06:43 AM	0.0	68.7	29.96	50	-
11/03/23 07:43 AM	0.0	68.9	29.96	50	-
11/03/23 08:43 AM	0.0	69.1	29.95	50	-
11/03/23 09:43 AM	0.4	69.3	29.95	50	-
11/03/23 10:43 AM	0.7	69.3	29.95	50	-
11/03/23 11:43 AM	0.4	69.4	29.94	51	-
11/03/23 12:43 PM	0.4	69.6	29.92	51	-
11/03/23 01:43 PM	0.0	70.2	29.89	51	-
11/03/23 02:43 PM	0.7	70.0	29.87	52	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Radon Inspection Report

Test Location:22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Test For:**22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Inspected By:**Cascade Radon
12839 NE Airport Way
Portland, OR 97230
503.421.4813
Lic/Cert. # CCB180537/CASCARI927C1

Bldg. Type: Other Non-Residential

Type: Diagnosis

Radon
Test.
Report.
Prevent.**Monitor Retrieval:**

Felicia Flanders

Certificate:

NRPP 112059 RMP

Test Result: Pass

Overall Average:**0.5 pCi/l****EPA Average:****0.5 pCi/l****Test Device Details:**Serial Number: 241996014
Model Number: 1028XP
Last Calibration: 03/04/2023
Next Calibration: 03/04/2024
Cal-Factors: 2.60
Motion Error: Yes**Test Site Condition:**Condition: Recent Rainfall

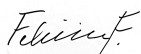
Mitigation Sys: Installed and Active**Test Summary:**

CRM Location:	Start:	Stop:	Interval:	Duration:
Main Office	10/29/2023 03:30 PM	11/03/2023 03:30 PM	1 hr	120 hr

	Min:	Max:	Average:	Measurement Units:
*First 4 hrs of data excluded				
Radon Concentration:	0.0	2.3	0.5	pCi/l
Temperature	63.1	71.4	68.1	F
Humidity	29	58	41	%
Pressure	29.63	30.11	29.92	inHg

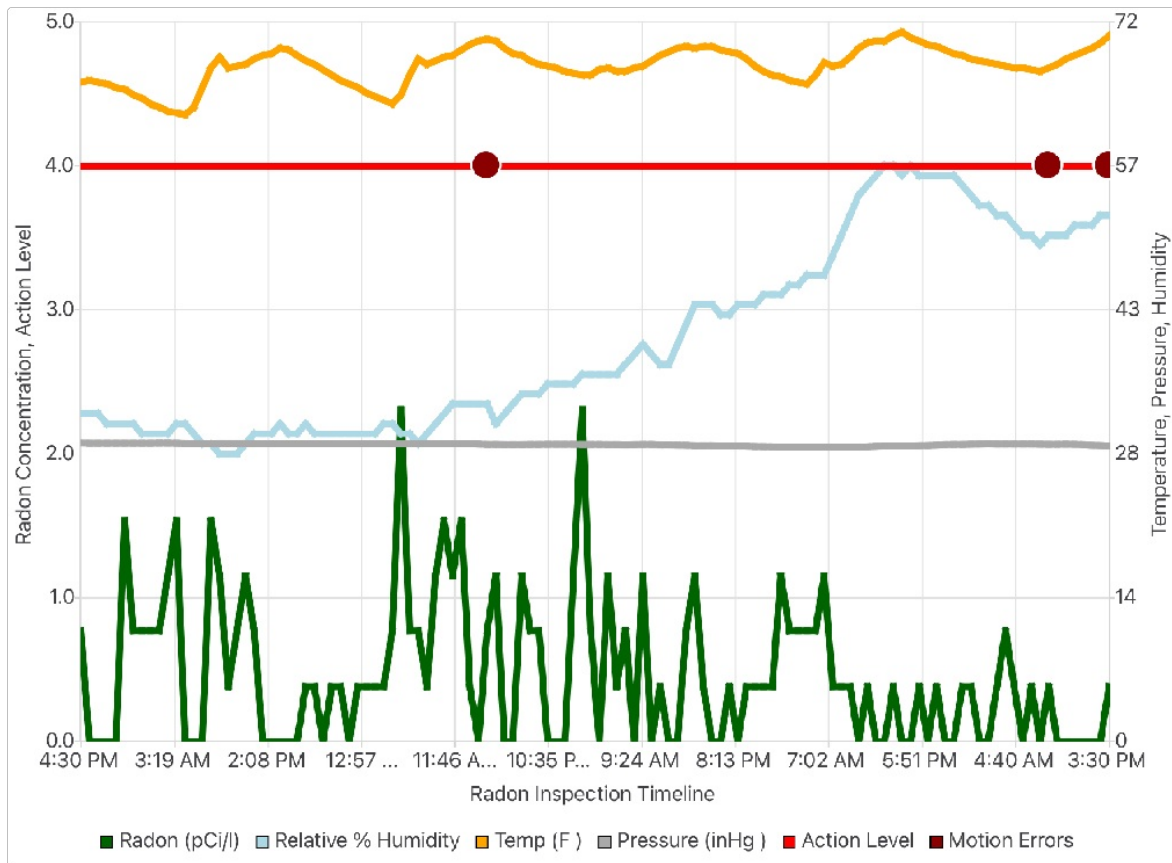
Comments:

NRPP 112059 RMP

**Lic/Cert Signature****Inspection Report Date: 11/29/2023**

Test device manufactured by SunRADON, LLC

Radon Inspection Chart



Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/29/2023

Test device manufactured by SunRADON, LLC

Test Checklist

- ☒ 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.
- ☒ The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- ☒ 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.
- ☒ 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.

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/29/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/29/23 04:30 PM	0.8	66.4	30.12	33	-
10/29/23 05:30 PM	0.0	66.6	30.10	33	-
10/29/23 06:30 PM	0.0	66.4	30.10	33	-
10/29/23 07:30 PM	0.0	66.2	30.10	32	-
10/29/23 08:30 PM	0.0	65.8	30.10	32	-
10/29/23 09:30 PM	1.5	65.7	30.10	32	-
10/29/23 10:30 PM	0.8	65.1	30.10	32	-
10/29/23 11:30 PM	0.8	64.8	30.10	31	-
10/30/23 12:30 AM	0.8	64.2	30.10	31	-
10/30/23 01:30 AM	0.8	63.9	30.11	31	-
10/30/23 02:30 AM	1.2	63.5	30.11	31	-
10/30/23 03:30 AM	1.5	63.3	30.10	32	-
10/30/23 04:30 AM	0.0	63.1	30.08	32	-
10/30/23 05:30 AM	0.0	63.9	30.08	31	-
10/30/23 06:30 AM	0.0	65.8	30.08	30	-
10/30/23 07:30 AM	1.5	67.8	30.07	30	-
10/30/23 08:30 AM	1.2	68.9	30.08	29	-
10/30/23 09:30 AM	0.4	67.8	30.08	29	-
10/30/23 10:30 AM	0.8	68.0	30.08	29	-
10/30/23 11:30 AM	1.2	68.2	30.08	30	-
10/30/23 12:30 PM	0.8	68.7	30.07	31	-
10/30/23 01:30 PM	0.0	69.1	30.06	31	-
10/30/23 02:30 PM	0.0	69.3	30.04	31	-
10/30/23 03:30 PM	0.0	69.8	30.02	32	-
10/30/23 04:30 PM	0.0	69.6	30.01	31	-
10/30/23 05:30 PM	0.0	69.1	29.99	31	-
10/30/23 06:30 PM	0.4	68.5	29.98	32	-
10/30/23 07:30 PM	0.4	68.2	29.97	31	-
10/30/23 08:30 PM	0.0	67.6	29.98	31	-
10/30/23 09:30 PM	0.4	67.1	29.98	31	-
10/30/23 10:30 PM	0.4	66.6	29.98	31	-
10/30/23 11:30 PM	0.0	66.2	29.99	31	-
10/31/23 12:30 AM	0.4	65.8	29.99	31	-
10/31/23 01:30 AM	0.4	65.3	29.98	31	-
10/31/23 02:30 AM	0.4	64.9	29.98	31	-
10/31/23 03:30 AM	0.4	64.6	29.98	32	-
10/31/23 04:30 AM	0.8	64.2	29.98	32	-
10/31/23 05:30 AM	2.3	65.1	29.97	31	-
10/31/23 06:30 AM	0.8	67.1	29.97	31	-
10/31/23 07:30 AM	0.8	68.7	29.97	30	-
10/31/23 08:30 AM	0.4	68.2	29.97	31	-
10/31/23 09:30 AM	1.2	68.5	29.97	32	-
10/31/23 10:30 AM	1.5	68.9	29.98	33	-
10/31/23 11:30 AM	1.2	69.1	29.99	34	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/29/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/31/23 12:30 PM	1.5	69.6	29.98	34	-
10/31/23 01:30 PM	0.4	70.2	29.97	34	-
10/31/23 02:30 PM	0.0	70.5	29.95	34	-
10/31/23 03:30 PM	0.8	70.7	29.92	34	M
10/31/23 04:30 PM	1.2	70.5	29.92	32	-
10/31/23 05:30 PM	0.0	69.8	29.91	33	-
10/31/23 06:30 PM	0.0	69.3	29.91	34	-
10/31/23 07:30 PM	1.2	69.1	29.91	35	-
10/31/23 08:30 PM	0.8	68.5	29.92	35	-
10/31/23 09:30 PM	0.8	68.2	29.92	35	-
10/31/23 10:30 PM	0.0	68.0	29.93	36	-
10/31/23 11:30 PM	0.0	67.8	29.93	36	-
11/01/23 12:30 AM	0.0	67.5	29.93	36	-
11/01/23 01:30 AM	1.2	67.3	29.93	36	-
11/01/23 02:30 AM	2.3	67.1	29.92	37	-
11/01/23 03:30 AM	0.8	67.1	29.92	37	-
11/01/23 04:30 AM	0.0	67.6	29.92	37	-
11/01/23 05:30 AM	1.2	67.8	29.91	37	-
11/01/23 06:30 AM	0.4	67.5	29.91	37	-
11/01/23 07:30 AM	0.8	67.5	29.90	38	-
11/01/23 08:30 AM	0.0	67.8	29.91	39	-
11/01/23 09:30 AM	1.2	68.0	29.92	40	-
11/01/23 10:30 AM	0.0	68.5	29.92	39	-
11/01/23 11:30 AM	0.4	69.1	29.90	38	-
11/01/23 12:30 PM	0.0	69.4	29.90	38	-
11/01/23 01:30 PM	0.0	69.8	29.89	40	-
11/01/23 02:30 PM	0.8	70.0	29.88	42	-
11/01/23 03:30 PM	1.2	69.8	29.85	44	-
11/01/23 04:30 PM	0.4	70.0	29.85	44	-
11/01/23 05:30 PM	0.0	70.0	29.85	44	-
11/01/23 06:30 PM	0.0	69.6	29.83	43	-
11/01/23 07:30 PM	0.4	69.4	29.82	43	-
11/01/23 08:30 PM	0.0	69.3	29.79	44	-
11/01/23 09:30 PM	0.4	68.7	29.78	44	-
11/01/23 10:30 PM	0.4	68.0	29.75	44	-
11/01/23 11:30 PM	0.4	67.5	29.74	45	-
11/02/23 12:30 AM	0.4	67.1	29.73	45	-
11/02/23 01:30 AM	1.2	66.9	29.70	45	-
11/02/23 02:30 AM	0.8	66.6	29.69	46	-
11/02/23 03:30 AM	0.8	66.4	29.66	46	-
11/02/23 04:30 AM	0.8	66.2	29.65	47	-
11/02/23 05:30 AM	0.8	67.1	29.64	47	-
11/02/23 06:30 AM	1.2	68.4	29.65	47	-
11/02/23 07:30 AM	0.4	68.0	29.64	49	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/29/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
11/02/23 08:30 AM	0.4	68.2	29.63	51	-
11/02/23 09:30 AM	0.4	68.9	29.65	53	-
11/02/23 10:30 AM	0.0	69.8	29.69	55	-
11/02/23 11:30 AM	0.4	70.3	29.73	56	-
11/02/23 12:30 PM	0.0	70.5	29.77	57	-
11/02/23 01:30 PM	0.0	70.5	29.79	58	-
11/02/23 02:30 PM	0.4	71.1	29.80	58	-
11/02/23 03:30 PM	0.0	71.4	29.81	57	-
11/02/23 04:30 PM	0.0	70.9	29.83	58	-
11/02/23 05:30 PM	0.4	70.5	29.85	57	-
11/02/23 06:30 PM	0.0	70.2	29.86	57	-
11/02/23 07:30 PM	0.4	70.0	29.89	57	-
11/02/23 08:30 PM	0.0	69.6	29.91	57	-
11/02/23 09:30 PM	0.0	69.3	29.92	57	-
11/02/23 10:30 PM	0.4	69.1	29.92	56	-
11/02/23 11:30 PM	0.4	68.7	29.94	55	-
11/03/23 12:30 AM	0.0	68.5	29.95	54	-
11/03/23 01:30 AM	0.0	68.4	29.96	54	-
11/03/23 02:30 AM	0.4	68.2	29.95	53	-
11/03/23 03:30 AM	0.8	68.0	29.95	53	-
11/03/23 04:30 AM	0.4	67.8	29.95	52	-
11/03/23 05:30 AM	0.0	67.8	29.95	51	-
11/03/23 06:30 AM	0.4	67.6	29.95	51	-
11/03/23 07:30 AM	0.0	67.5	29.94	50	-
11/03/23 08:30 AM	0.4	67.8	29.93	51	M
11/03/23 09:30 AM	0.0	68.2	29.93	51	-
11/03/23 10:30 AM	0.0	68.7	29.94	51	-
11/03/23 11:30 AM	0.0	69.1	29.93	52	-
11/03/23 12:30 PM	0.0	69.4	29.91	52	-
11/03/23 01:30 PM	0.0	69.8	29.88	52	-
11/03/23 02:30 PM	0.0	70.3	29.86	53	-
11/03/23 03:30 PM	0.4	71.1	29.83	53	M

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/29/2023

Test device manufactured by SunRADON, LLC

Radon Inspection Report

Test Location:

22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035

Test For:

22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035

Inspected By:

Cascade Radon
12839 NE Airport Way
Portland, OR 97230
503.421.4813
Lic/Cert. # CCB180537/CASCARI927C1

Bldg. Type: Other Non-Residential

Type: Diagnosis



Radon
Test.
Report.
Prevent.

Monitor Retrieval:

Felicia Flanders

Certificate:

NRPP 112059 RMP

Test Result: Pass

Overall Average:

0.9 pCi/l

EPA Average:

0.9 pCi/l

Test Device Details:

Serial Number: 241522002
Model Number: 1028XP
Last Calibration: 07/27/2023
Next Calibration: 07/27/2024
Cal-Factors: 2.77
Motion Error: Yes

Test Site Condition:

Condition: Recent Rainfall

Mitigation Sys: Installed and Active

Test Summary:

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
Champions Office	10/29/2023 03:05 PM	11/03/2023 03:05 PM	1 hr	120 hr

	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
*First 4 hrs of data excluded				
Radon Concentration:	0.0	3.6	0.9	pCi/l
Temperature	53.1	65.7	58.6	F
Humidity	49	68	55	%
Pressure	29.63	30.12	29.92	inHg

Comments:

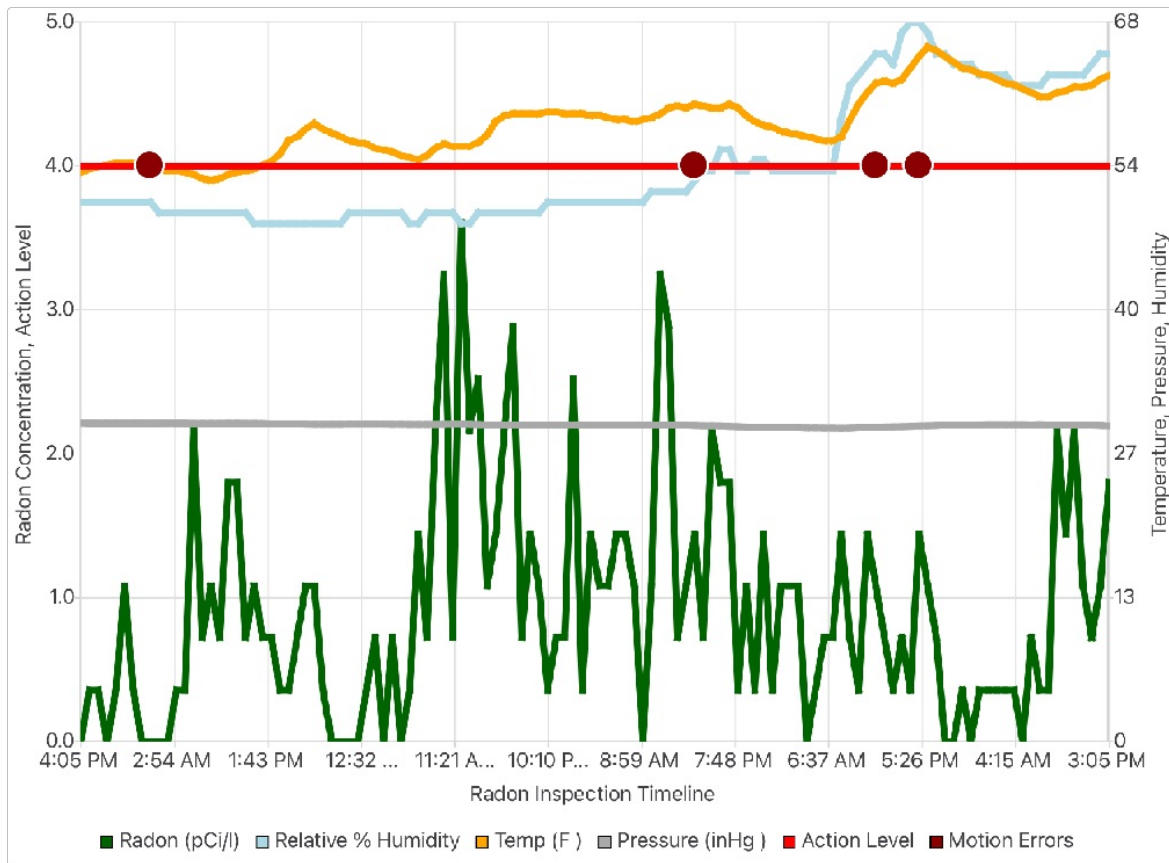
NRPP 112059 RMP

Lic/Cert Signature

Test device manufactured by SunRADON, LLC

Inspection Report Date: 11/03/2023

Radon Inspection Chart



Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Checklist

- ☒ 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.
- ☒ The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- ☒ 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.
- ☒ 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.

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/29/23 04:05 PM	0.0	53.8	30.13	51	-
10/29/23 05:05 PM	0.4	54.1	30.11	51	-
10/29/23 06:05 PM	0.4	54.3	30.10	51	-
10/29/23 07:05 PM	0.0	54.5	30.10	51	-
10/29/23 08:05 PM	0.4	54.7	30.10	51	-
10/29/23 09:05 PM	1.1	54.7	30.10	51	-
10/29/23 10:05 PM	0.4	54.7	30.10	51	-
10/29/23 11:05 PM	0.0	54.5	30.11	51	-
10/30/23 12:05 AM	0.0	54.3	30.10	51	M
10/30/23 01:05 AM	0.0	54.1	30.11	50	-
10/30/23 02:05 AM	0.0	54.0	30.12	50	-
10/30/23 03:05 AM	0.4	54.0	30.11	50	-
10/30/23 04:05 AM	0.4	53.8	30.10	50	-
10/30/23 05:05 AM	2.2	53.6	30.08	50	-
10/30/23 06:05 AM	0.7	53.2	30.08	50	-
10/30/23 07:05 AM	1.1	53.1	30.08	50	-
10/30/23 08:05 AM	0.7	53.2	30.08	50	-
10/30/23 09:05 AM	1.8	53.6	30.09	50	-
10/30/23 10:05 AM	1.8	53.8	30.09	50	-
10/30/23 11:05 AM	0.7	54.0	30.08	50	-
10/30/23 12:05 PM	1.1	54.1	30.08	49	-
10/30/23 01:05 PM	0.7	54.5	30.07	49	-
10/30/23 02:05 PM	0.7	54.9	30.05	49	-
10/30/23 03:05 PM	0.4	55.6	30.03	49	-
10/30/23 04:05 PM	0.4	56.8	30.02	49	-
10/30/23 05:05 PM	0.7	57.2	30.01	49	-
10/30/23 06:05 PM	1.1	57.9	29.99	49	-
10/30/23 07:05 PM	1.1	58.5	29.98	49	-
10/30/23 08:05 PM	0.4	57.9	29.98	49	-
10/30/23 09:05 PM	0.0	57.6	29.98	49	-
10/30/23 10:05 PM	0.0	57.2	29.98	49	-
10/30/23 11:05 PM	0.0	56.8	29.99	50	-
10/31/23 12:05 AM	0.0	56.7	29.99	50	-
10/31/23 01:05 AM	0.4	56.5	29.99	50	-
10/31/23 02:05 AM	0.7	56.1	29.99	50	-
10/31/23 03:05 AM	0.0	55.9	29.99	50	-
10/31/23 04:05 AM	0.7	55.8	29.98	50	-
10/31/23 05:05 AM	0.0	55.4	29.98	50	-
10/31/23 06:05 AM	0.4	55.2	29.97	49	-
10/31/23 07:05 AM	1.4	55.0	29.97	49	-
10/31/23 08:05 AM	0.7	55.4	29.97	50	-
10/31/23 09:05 AM	2.2	56.1	29.97	50	-
10/31/23 10:05 AM	3.2	56.5	29.98	50	-
10/31/23 11:05 AM	0.7	56.3	29.99	50	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/31/23 12:05 PM	3.6	56.3	29.99	49	-
10/31/23 01:05 PM	2.2	56.3	29.98	49	-
10/31/23 02:05 PM	2.5	56.7	29.96	50	-
10/31/23 03:05 PM	1.1	57.4	29.94	50	-
10/31/23 04:05 PM	1.4	58.6	29.92	50	-
10/31/23 05:05 PM	2.2	59.2	29.92	50	-
10/31/23 06:05 PM	2.9	59.4	29.91	50	-
10/31/23 07:05 PM	0.7	59.4	29.91	50	-
10/31/23 08:05 PM	1.4	59.4	29.92	50	-
10/31/23 09:05 PM	1.1	59.4	29.93	50	-
10/31/23 10:05 PM	0.4	59.5	29.93	51	-
10/31/23 11:05 PM	0.7	59.5	29.93	51	-
11/01/23 12:05 AM	0.7	59.4	29.94	51	-
11/01/23 01:05 AM	2.5	59.4	29.93	51	-
11/01/23 02:05 AM	0.4	59.4	29.93	51	-
11/01/23 03:05 AM	1.4	59.2	29.92	51	-
11/01/23 04:05 AM	1.1	59.2	29.92	51	-
11/01/23 05:05 AM	1.1	59.0	29.92	51	-
11/01/23 06:05 AM	1.4	58.8	29.91	51	-
11/01/23 07:05 AM	1.4	58.8	29.91	51	-
11/01/23 08:05 AM	1.1	58.6	29.90	51	-
11/01/23 09:05 AM	0.0	58.8	29.92	51	-
11/01/23 10:05 AM	1.1	59.0	29.92	52	-
11/01/23 11:05 AM	3.2	59.4	29.91	52	-
11/01/23 12:05 PM	2.9	59.9	29.91	52	-
11/01/23 01:05 PM	0.7	60.1	29.89	52	-
11/01/23 02:05 PM	1.1	59.9	29.89	52	-
11/01/23 03:05 PM	1.4	60.3	29.87	53	M
11/01/23 04:05 PM	0.7	60.1	29.85	54	-
11/01/23 05:05 PM	2.2	59.9	29.85	54	-
11/01/23 06:05 PM	1.8	59.9	29.84	56	-
11/01/23 07:05 PM	1.8	60.3	29.82	56	-
11/01/23 08:05 PM	0.4	59.9	29.80	54	-
11/01/23 09:05 PM	1.1	59.2	29.78	54	-
11/01/23 10:05 PM	0.4	58.6	29.77	55	-
11/01/23 11:05 PM	1.4	58.3	29.74	55	-
11/02/23 12:05 AM	0.4	58.1	29.74	54	-
11/02/23 01:05 AM	1.1	57.7	29.72	54	-
11/02/23 02:05 AM	1.1	57.6	29.69	54	-
11/02/23 03:05 AM	1.1	57.4	29.67	54	-
11/02/23 04:05 AM	0.0	57.2	29.65	54	-
11/02/23 05:05 AM	0.4	57.0	29.65	54	-
11/02/23 06:05 AM	0.7	56.8	29.64	54	-
11/02/23 07:05 AM	0.7	56.8	29.64	54	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
11/02/23 08:05 AM	1.4	57.2	29.63	59	-
11/02/23 09:05 AM	0.7	58.8	29.64	62	-
11/02/23 10:05 AM	0.4	60.3	29.67	63	-
11/02/23 11:05 AM	1.4	61.3	29.72	64	-
11/02/23 12:05 PM	1.1	62.2	29.75	65	M
11/02/23 01:05 PM	0.7	62.4	29.78	65	-
11/02/23 02:05 PM	0.4	62.2	29.79	64	-
11/02/23 03:05 PM	0.7	62.6	29.80	67	-
11/02/23 04:05 PM	0.4	63.7	29.82	68	-
11/02/23 05:05 PM	1.4	64.8	29.84	68	M
11/02/23 06:05 PM	1.1	65.7	29.85	67	-
11/02/23 07:05 PM	0.7	65.3	29.87	65	-
11/02/23 08:05 PM	0.0	64.8	29.90	65	-
11/02/23 09:05 PM	0.0	64.2	29.92	64	-
11/02/23 10:05 PM	0.4	63.7	29.92	64	-
11/02/23 11:05 PM	0.0	63.5	29.93	64	-
11/03/23 12:05 AM	0.4	63.1	29.94	63	-
11/03/23 01:05 AM	0.4	63.0	29.95	63	-
11/03/23 02:05 AM	0.4	62.6	29.95	63	-
11/03/23 03:05 AM	0.4	62.2	29.95	63	-
11/03/23 04:05 AM	0.4	62.1	29.95	62	-
11/03/23 05:05 AM	0.0	61.7	29.95	62	-
11/03/23 06:05 AM	0.7	61.3	29.94	62	-
11/03/23 07:05 AM	0.4	61.0	29.95	62	-
11/03/23 08:05 AM	0.4	61.0	29.93	63	-
11/03/23 09:05 AM	2.2	61.3	29.93	63	-
11/03/23 10:05 AM	1.4	61.5	29.94	63	-
11/03/23 11:05 AM	2.2	61.9	29.93	63	-
11/03/23 12:05 PM	1.1	61.9	29.92	63	-
11/03/23 01:05 PM	0.7	62.1	29.89	64	-
11/03/23 02:05 PM	1.1	62.6	29.87	65	-
11/03/23 03:05 PM	1.8	63.0	29.84	65	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Radon Inspection Report

Test Location:22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Test For:**22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Inspected By:**Cascade Radon
12839 NE Airport Way
Portland, OR 97230
503.421.4813
Lic/Cert. # CCB180537/CASCARI927C1

Bldg. Type: Other Non-Residential

Type: Diagnosis

Radon
Test.
Report.
Prevent.**Monitor Retrieval:**

Felicia Flanders

Certificate:

NRPP 112059 RMP

Test Result: Pass

Overall Average:**1.4 pCi/l****EPA Average:****1.4 pCi/l****Test Device Details:**Serial Number: 238738013
Model Number: 1028XP
Last Calibration: 09/01/2023
Next Calibration: 09/01/2024
Cal-Factors: 2.62
Motion Error: Yes**Test Site Condition:**Condition: Recent Rainfall

Mitigation Sys: Installed and Active**Test Summary:**

CRM Location:	Start:	Stop:	Interval:	Duration:
Stage	10/29/2023 03:01 PM	11/03/2023 03:01 PM	1 hr	120 hr

	Min:	Max:	Average:	Measurement Units:
*First 4 hrs of data excluded				
Radon Concentration:	0.0	4.2	1.4	pCi/l
Temperature	57.7	68.9	63.4	F
Humidity	40	61	48	%
Pressure	29.64	30.12	29.92	inHg

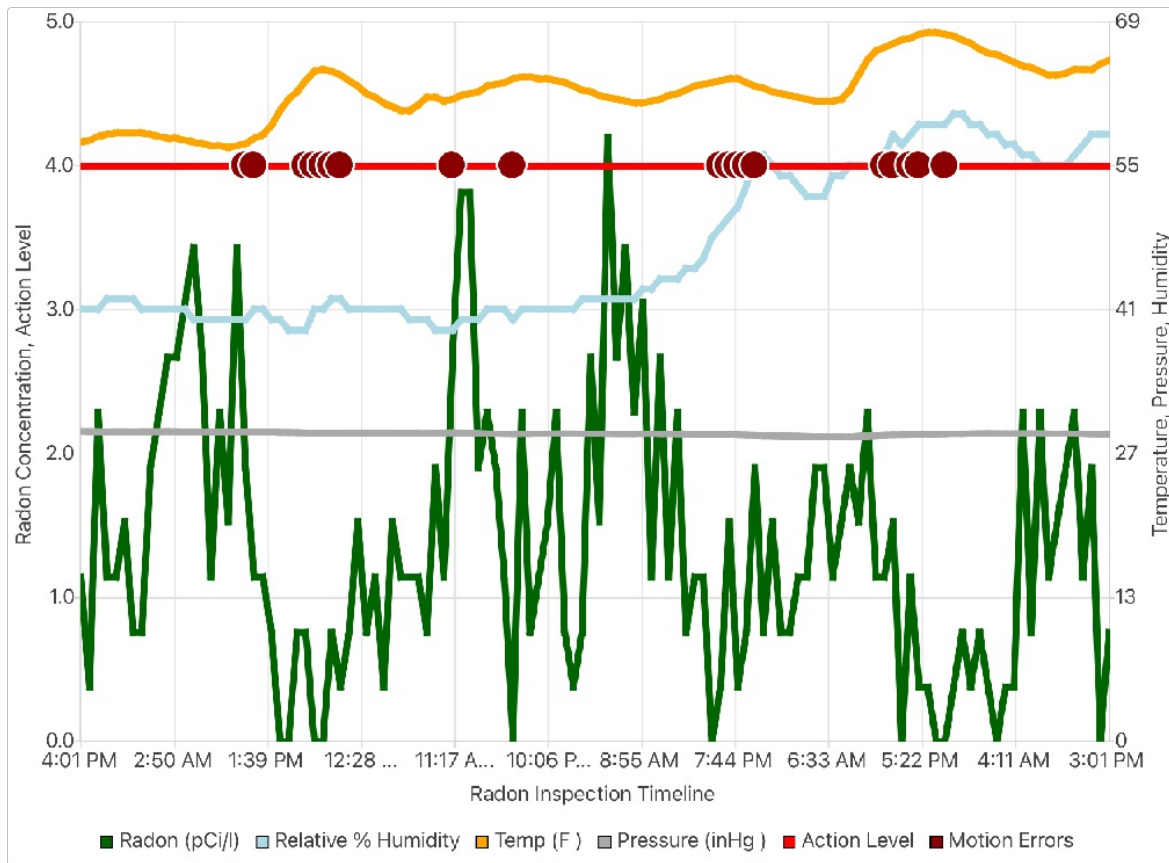
Comments:

NRPP 112059 RMP

Lic/Cert Signature**Inspection Report Date: 11/03/2023**

Test device manufactured by SunRADON, LLC

Radon Inspection Chart



Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Checklist

- ☒ 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.
- ☒ The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- ☒ 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.
- ☒ 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.

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/29/23 04:01 PM	1.1	58.3	30.13	42	-
10/29/23 05:01 PM	0.4	58.5	30.12	42	-
10/29/23 06:01 PM	2.3	58.8	30.11	42	-
10/29/23 07:01 PM	1.1	59.0	30.10	43	-
10/29/23 08:01 PM	1.1	59.2	30.11	43	-
10/29/23 09:01 PM	1.5	59.2	30.11	43	-
10/29/23 10:01 PM	0.8	59.2	30.10	43	-
10/29/23 11:01 PM	0.8	59.2	30.11	42	-
10/30/23 12:01 AM	1.9	59.0	30.11	42	-
10/30/23 01:01 AM	2.3	58.8	30.11	42	-
10/30/23 02:01 AM	2.7	58.6	30.12	42	-
10/30/23 03:01 AM	2.7	58.6	30.11	42	-
10/30/23 04:01 AM	3.1	58.5	30.10	42	-
10/30/23 05:01 AM	3.4	58.3	30.09	41	-
10/30/23 06:01 AM	2.7	58.1	30.08	41	-
10/30/23 07:01 AM	1.1	57.9	30.08	41	-
10/30/23 08:01 AM	2.3	57.9	30.08	41	-
10/30/23 09:01 AM	1.5	57.7	30.09	41	-
10/30/23 10:01 AM	3.4	57.9	30.09	41	-
10/30/23 11:01 AM	1.9	58.1	30.09	41	M
10/30/23 12:01 PM	1.1	58.6	30.08	42	M
10/30/23 01:01 PM	1.1	59.0	30.07	42	-
10/30/23 02:01 PM	0.8	59.9	30.05	41	-
10/30/23 03:01 PM	0.0	61.3	30.03	41	-
10/30/23 04:01 PM	0.0	62.4	30.02	40	-
10/30/23 05:01 PM	0.8	63.1	30.01	40	-
10/30/23 06:01 PM	0.8	64.2	29.99	40	M
10/30/23 07:01 PM	0.0	65.1	29.98	42	M
10/30/23 08:01 PM	0.0	65.3	29.98	42	M
10/30/23 09:01 PM	0.8	65.1	29.98	43	M
10/30/23 10:01 PM	0.4	64.8	29.99	43	M
10/30/23 11:01 PM	0.8	64.2	29.99	42	-
10/31/23 12:01 AM	1.5	63.7	29.99	42	-
10/31/23 01:01 AM	0.8	63.0	29.99	42	-
10/31/23 02:01 AM	1.1	62.6	29.99	42	-
10/31/23 03:01 AM	0.4	62.1	29.99	42	-
10/31/23 04:01 AM	1.5	61.7	29.99	42	-
10/31/23 05:01 AM	1.1	61.3	29.98	42	-
10/31/23 06:01 AM	1.1	61.3	29.98	41	-
10/31/23 07:01 AM	1.1	61.9	29.98	41	-
10/31/23 08:01 AM	0.8	62.6	29.97	41	-
10/31/23 09:01 AM	1.9	62.6	29.98	40	-
10/31/23 10:01 AM	1.1	62.2	29.99	40	-
10/31/23 11:01 AM	2.7	62.4	30.00	40	M

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
10/31/23 12:01 PM	3.8	62.8	29.99	41	-
10/31/23 01:01 PM	3.8	63.0	29.98	41	-
10/31/23 02:01 PM	1.9	63.1	29.97	41	-
10/31/23 03:01 PM	2.3	63.7	29.94	42	-
10/31/23 04:01 PM	1.9	63.9	29.93	42	-
10/31/23 05:01 PM	1.1	64.0	29.92	42	-
10/31/23 06:01 PM	0.0	64.4	29.91	41	M
10/31/23 07:01 PM	2.3	64.6	29.92	42	-
10/31/23 08:01 PM	0.8	64.6	29.92	42	-
10/31/23 09:01 PM	1.1	64.4	29.93	42	-
10/31/23 10:01 PM	1.5	64.4	29.93	42	-
10/31/23 11:01 PM	2.3	64.2	29.94	42	-
11/01/23 12:01 AM	0.8	64.0	29.94	42	-
11/01/23 01:01 AM	0.4	63.7	29.94	42	-
11/01/23 02:01 AM	0.8	63.3	29.93	43	-
11/01/23 03:01 AM	2.7	63.1	29.93	43	-
11/01/23 04:01 AM	1.5	62.8	29.93	43	-
11/01/23 05:01 AM	4.2	62.6	29.92	43	-
11/01/23 06:01 AM	2.7	62.4	29.91	43	-
11/01/23 07:01 AM	3.4	62.2	29.91	43	-
11/01/23 08:01 AM	2.3	62.1	29.91	43	-
11/01/23 09:01 AM	3.1	62.1	29.92	44	-
11/01/23 10:01 AM	1.1	62.2	29.93	44	-
11/01/23 11:01 AM	2.7	62.4	29.91	45	-
11/01/23 12:01 PM	1.1	62.8	29.91	45	-
11/01/23 01:01 PM	2.3	63.0	29.90	45	-
11/01/23 02:01 PM	0.8	63.3	29.89	46	-
11/01/23 03:01 PM	1.1	63.7	29.87	46	-
11/01/23 04:01 PM	1.1	63.9	29.85	47	-
11/01/23 05:01 PM	0.0	64.0	29.85	49	-
11/01/23 06:01 PM	0.4	64.2	29.85	50	M
11/01/23 07:01 PM	1.5	64.4	29.83	51	M
11/01/23 08:01 PM	0.4	64.4	29.81	52	M
11/01/23 09:01 PM	0.8	64.0	29.79	54	M
11/01/23 10:01 PM	1.9	63.7	29.77	57	M
11/01/23 11:01 PM	0.8	63.5	29.75	57	-
11/02/23 12:01 AM	1.5	63.1	29.74	56	-
11/02/23 01:01 AM	0.8	63.0	29.72	55	-
11/02/23 02:01 AM	0.8	62.8	29.70	55	-
11/02/23 03:01 AM	1.1	62.6	29.68	54	-
11/02/23 04:01 AM	1.1	62.4	29.66	53	-
11/02/23 05:01 AM	1.9	62.2	29.65	53	-
11/02/23 06:01 AM	1.9	62.2	29.65	53	-
11/02/23 07:01 AM	1.1	62.2	29.65	55	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
11/02/23 08:01 AM	1.5	62.4	29.64	55	-
11/02/23 09:01 AM	1.9	63.3	29.64	56	-
11/02/23 10:01 AM	1.5	64.8	29.68	56	-
11/02/23 11:01 AM	2.3	66.2	29.72	56	-
11/02/23 12:01 PM	1.1	67.1	29.75	56	-
11/02/23 01:01 PM	1.1	67.5	29.78	57	M
11/02/23 02:01 PM	1.5	67.8	29.80	59	M
11/02/23 03:01 PM	0.0	68.2	29.81	58	-
11/02/23 04:01 PM	1.1	68.4	29.82	59	M
11/02/23 05:01 PM	0.4	68.7	29.84	60	M
11/02/23 06:01 PM	0.4	68.9	29.86	60	-
11/02/23 07:01 PM	0.0	68.9	29.88	60	-
11/02/23 08:01 PM	0.0	68.7	29.90	60	M
11/02/23 09:01 PM	0.4	68.5	29.92	61	-
11/02/23 10:01 PM	0.8	68.2	29.92	61	-
11/02/23 11:01 PM	0.4	67.8	29.94	60	-
11/03/23 12:01 AM	0.8	67.3	29.95	60	-
11/03/23 01:01 AM	0.4	66.9	29.96	59	-
11/03/23 02:01 AM	0.0	66.7	29.95	59	-
11/03/23 03:01 AM	0.4	66.4	29.95	58	-
11/03/23 04:01 AM	0.4	66.0	29.95	58	-
11/03/23 05:01 AM	2.3	65.7	29.95	57	-
11/03/23 06:01 AM	0.8	65.5	29.95	57	-
11/03/23 07:01 AM	2.3	65.1	29.95	56	-
11/03/23 08:01 AM	1.1	64.8	29.94	56	-
11/03/23 09:01 AM	1.5	64.8	29.93	56	-
11/03/23 10:01 AM	1.9	64.9	29.94	56	-
11/03/23 11:01 AM	2.3	65.3	29.93	57	-
11/03/23 12:01 PM	1.1	65.3	29.92	58	-
11/03/23 01:01 PM	1.9	65.3	29.90	59	-
11/03/23 02:01 PM	0.0	65.8	29.88	59	-
11/03/23 03:01 PM	0.8	66.2	29.85	59	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Radon Inspection Report

Test Location:22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Test For:**22-C102V Lake Grove Elm
15777 Boones Ferry Road
Lake Oswego, OR 97035**Inspected By:**Cascade Radon
12839 NE Airport Way
Portland, OR 97230
503.421.4813
Lic/Cert. # CCB180537/CASCARI927C1

Bldg. Type: Other Non-Residential

Type: Diagnosis

Radon
Test.
Report.
Prevent.**Monitor Retrieval:**

Felicia Flanders

Certificate:

NRPP 112059 RMP

Test Result: Pass

Overall Average:**0.7 pCi/l****EPA Average:****0.7 pCi/l****Test Device Details:**Serial Number: 240290001
Model Number: 1028XP
Last Calibration: 10/11/2023
Next Calibration: 10/11/2024
Cal-Factors: 2.62
Motion Error: Yes**Test Site Condition:**Condition: Recent Rainfall

Mitigation Sys: Installed and Active**Test Summary:**

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
Custodian Office	10/29/2023 03:21 PM	11/03/2023 03:21 PM	1 hr	120 hr

*First 4 hrs of data excluded	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	0.0	2.3	0.7	pCi/l

Comments:

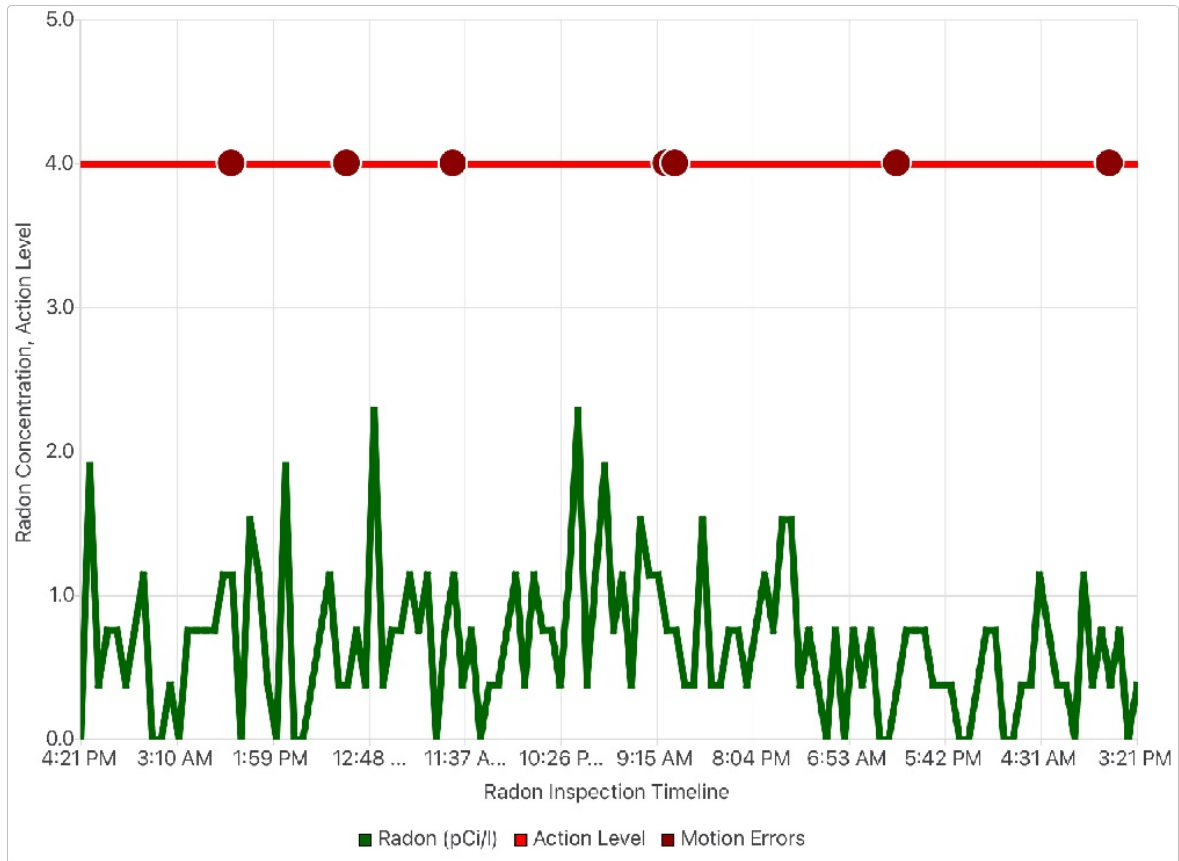
NRPP 112059 RMP

Lic/Cert Signature

Test device manufactured by SunRADON, LLC

Inspection Report Date: 11/03/2023

Radon Inspection Chart



Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

Test Checklist

- ☒ 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.
- ☒ The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- ☒ 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.
- ☒ 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.

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
10/29/23 04:21 PM	0.0	-
10/29/23 05:21 PM	1.9	-
10/29/23 06:21 PM	0.4	-
10/29/23 07:21 PM	0.8	-
10/29/23 08:21 PM	0.8	-
10/29/23 09:21 PM	0.4	-
10/29/23 10:21 PM	0.8	-
10/29/23 11:21 PM	1.1	-
10/30/23 12:21 AM	0.0	-
10/30/23 01:21 AM	0.0	-
10/30/23 02:21 AM	0.4	-
10/30/23 03:21 AM	0.0	-
10/30/23 04:21 AM	0.8	-
10/30/23 05:21 AM	0.8	-
10/30/23 06:21 AM	0.8	-
10/30/23 07:21 AM	0.8	-
10/30/23 08:21 AM	1.1	-
10/30/23 09:21 AM	1.1	M
10/30/23 10:21 AM	0.0	-
10/30/23 11:21 AM	1.5	-
10/30/23 12:21 PM	1.1	-
10/30/23 01:21 PM	0.4	-
10/30/23 02:21 PM	0.0	-
10/30/23 03:21 PM	1.9	-
10/30/23 04:21 PM	0.0	-
10/30/23 05:21 PM	0.0	-
10/30/23 06:21 PM	0.4	-
10/30/23 07:21 PM	0.8	-
10/30/23 08:21 PM	1.1	-
10/30/23 09:21 PM	0.4	-
10/30/23 10:21 PM	0.4	M
10/30/23 11:21 PM	0.8	-
10/31/23 12:21 AM	0.4	-
10/31/23 01:21 AM	2.3	-
10/31/23 02:21 AM	0.4	-
10/31/23 03:21 AM	0.8	-
10/31/23 04:21 AM	0.8	-
10/31/23 05:21 AM	1.1	-
10/31/23 06:21 AM	0.8	-
10/31/23 07:21 AM	1.1	-
10/31/23 08:21 AM	0.0	-
10/31/23 09:21 AM	0.8	-
10/31/23 10:21 AM	1.1	M
10/31/23 11:21 AM	0.4	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
10/31/23 12:21 PM	0.8	-
10/31/23 01:21 PM	0.0	-
10/31/23 02:21 PM	0.4	-
10/31/23 03:21 PM	0.4	-
10/31/23 04:21 PM	0.8	-
10/31/23 05:21 PM	1.1	-
10/31/23 06:21 PM	0.4	-
10/31/23 07:21 PM	1.1	-
10/31/23 08:21 PM	0.8	-
10/31/23 09:21 PM	0.8	-
10/31/23 10:21 PM	0.4	-
10/31/23 11:21 PM	1.1	-
11/01/23 12:21 AM	2.3	-
11/01/23 01:21 AM	0.4	-
11/01/23 02:21 AM	1.1	-
11/01/23 03:21 AM	1.9	-
11/01/23 04:21 AM	0.8	-
11/01/23 05:21 AM	1.1	-
11/01/23 06:21 AM	0.4	-
11/01/23 07:21 AM	1.5	-
11/01/23 08:21 AM	1.1	-
11/01/23 09:21 AM	1.1	-
11/01/23 10:21 AM	0.8	M
11/01/23 11:21 AM	0.8	M
11/01/23 12:21 PM	0.4	-
11/01/23 01:21 PM	0.4	-
11/01/23 02:21 PM	1.5	-
11/01/23 03:21 PM	0.4	-
11/01/23 04:21 PM	0.4	-
11/01/23 05:21 PM	0.8	-
11/01/23 06:21 PM	0.8	-
11/01/23 07:21 PM	0.4	-
11/01/23 08:21 PM	0.8	-
11/01/23 09:21 PM	1.1	-
11/01/23 10:21 PM	0.8	-
11/01/23 11:21 PM	1.5	-
11/02/23 12:21 AM	1.5	-
11/02/23 01:21 AM	0.4	-
11/02/23 02:21 AM	0.8	-
11/02/23 03:21 AM	0.4	-
11/02/23 04:21 AM	0.0	-
11/02/23 05:21 AM	0.8	-
11/02/23 06:21 AM	0.0	-
11/02/23 07:21 AM	0.8	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

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>Flags</u>
11/02/23 08:21 AM	0.4	-
11/02/23 09:21 AM	0.8	-
11/02/23 10:21 AM	0.0	-
11/02/23 11:21 AM	0.0	-
11/02/23 12:21 PM	0.4	M
11/02/23 01:21 PM	0.8	-
11/02/23 02:21 PM	0.8	-
11/02/23 03:21 PM	0.8	-
11/02/23 04:21 PM	0.4	-
11/02/23 05:21 PM	0.4	-
11/02/23 06:21 PM	0.4	-
11/02/23 07:21 PM	0.0	-
11/02/23 08:21 PM	0.0	-
11/02/23 09:21 PM	0.4	-
11/02/23 10:21 PM	0.8	-
11/02/23 11:21 PM	0.8	-
11/03/23 12:21 AM	0.0	-
11/03/23 01:21 AM	0.0	-
11/03/23 02:21 AM	0.4	-
11/03/23 03:21 AM	0.4	-
11/03/23 04:21 AM	1.1	-
11/03/23 05:21 AM	0.8	-
11/03/23 06:21 AM	0.4	-
11/03/23 07:21 AM	0.4	-
11/03/23 08:21 AM	0.0	-
11/03/23 09:21 AM	1.1	-
11/03/23 10:21 AM	0.4	-
11/03/23 11:21 AM	0.8	-
11/03/23 12:21 PM	0.4	M
11/03/23 01:21 PM	0.8	-
11/03/23 02:21 PM	0.0	-
11/03/23 03:21 PM	0.4	-

Test Result: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC

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: Pass

Test Location: 15777 Boones Ferry Road Lake Oswego , OR 97035

Inspection Report Date: 11/03/2023

Test device manufactured by SunRADON, LLC