
Radon Inspection Report

Test Location:19-C081S
12500 SE Ramona St
Portland, OR 97236**Test For:**David Douglas School District
Alice Ott Middle School**Inspected By:**Danielle Weir
12839 NE Airport Way
Portland, OR 97230
503-421-4813
Lic/Cert. # CCB 180537/CASCARI927C1

Type: Diagnosis

Test Result: Pass

Overall Average:**3.1 pCi/l****EPA Average:****3.3 pCi/l**

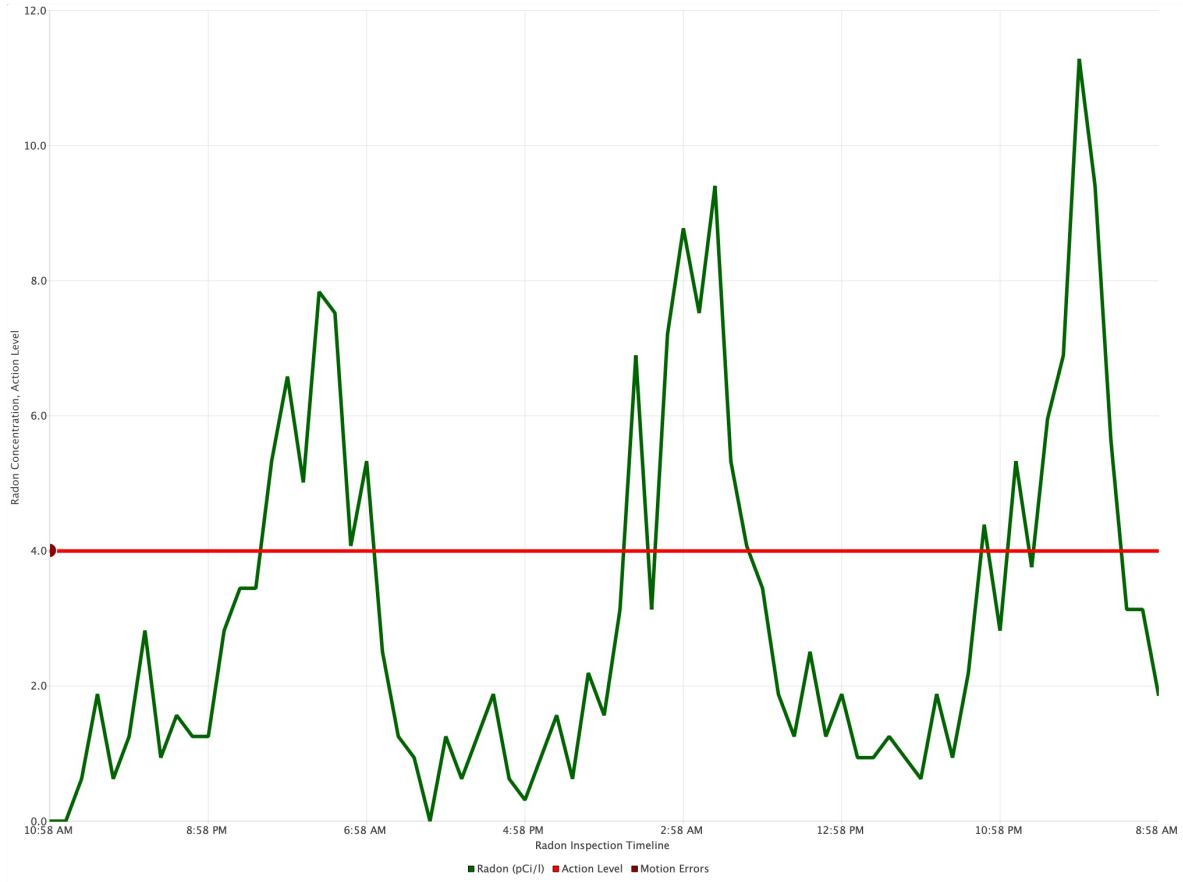
Test Device Details:Serial Number: 238738024
Model Number: 1028XP
Last Calibration: 02/06/2019
Next Calibration: 02/06/2020
Cal-Factors: 3.19
Motion Error: Yes**Test Site Condition:****Test Summary:**

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
Family Service	10/22/2019 09:58 AM	10/25/2019 08:58 AM	1 hr	71 hr
*First 4 hrs of data excluded	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	0.0	11.3	3.3	pCi/l

Comments:

No manometer or sticker on pipe. NRPP 108953 RT

Radon Inspection Chart



Test Result: Pass

Test Location: 12500 SE Ramona St Portland, OR 97236

Inspection Report Date: 10/29/2019

Test Table

* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Flags</u>
10/22/19 10:58 AM	0.0	M
10/22/19 11:58 AM	0.0	-
10/22/19 12:58 PM	0.6	-
10/22/19 01:58 PM	1.9	-
10/22/19 02:58 PM	0.6	-
10/22/19 03:58 PM	1.3	-
10/22/19 04:58 PM	2.8	-
10/22/19 05:58 PM	0.9	-
10/22/19 06:58 PM	1.6	-
10/22/19 07:58 PM	1.3	-
10/22/19 08:58 PM	1.3	-
10/22/19 09:58 PM	2.8	-
10/22/19 10:58 PM	3.4	-
10/22/19 11:58 PM	3.4	-
10/23/19 12:58 AM	5.3	-
10/23/19 01:58 AM	6.6	-
10/23/19 02:58 AM	5.0	-
10/23/19 03:58 AM	7.8	-
10/23/19 04:58 AM	7.5	-
10/23/19 05:58 AM	4.1	-
10/23/19 06:58 AM	5.3	-
10/23/19 07:58 AM	2.5	-
10/23/19 08:58 AM	1.3	-
10/23/19 09:58 AM	0.9	-
10/23/19 10:58 AM	0.0	-
10/23/19 11:58 AM	1.3	-
10/23/19 12:58 PM	0.6	-
10/23/19 01:58 PM	1.3	-
10/23/19 02:58 PM	1.9	-
10/23/19 03:58 PM	0.6	-
10/23/19 04:58 PM	0.3	-
10/23/19 05:58 PM	0.9	-
10/23/19 06:58 PM	1.6	-
10/23/19 07:58 PM	0.6	-
10/23/19 08:58 PM	2.2	-
10/23/19 09:58 PM	1.6	-
10/23/19 10:58 PM	3.1	-
10/23/19 11:58 PM	6.9	-
10/24/19 12:58 AM	3.1	-
10/24/19 01:58 AM	7.2	-
10/24/19 02:58 AM	8.8	-
10/24/19 03:58 AM	7.5	-
10/24/19 04:58 AM	9.4	-
10/24/19 05:58 AM	5.3	-

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Inspection Report Date: 10/29/2019

Test Table

* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Flags</u>
10/24/19 06:58 AM	4.1	-
10/24/19 07:58 AM	3.4	-
10/24/19 08:58 AM	1.9	-
10/24/19 09:58 AM	1.3	-
10/24/19 10:58 AM	2.5	-
10/24/19 11:58 AM	1.3	-
10/24/19 12:58 PM	1.9	-
10/24/19 01:58 PM	0.9	-
10/24/19 02:58 PM	0.9	-
10/24/19 03:58 PM	1.3	-
10/24/19 04:58 PM	0.9	-
10/24/19 05:58 PM	0.6	-
10/24/19 06:58 PM	1.9	-
10/24/19 07:58 PM	0.9	-
10/24/19 08:58 PM	2.2	-
10/24/19 09:58 PM	4.4	-
10/24/19 10:58 PM	2.8	-
10/24/19 11:58 PM	5.3	-
10/25/19 12:58 AM	3.8	-
10/25/19 01:58 AM	6.0	-
10/25/19 02:58 AM	6.9	-
10/25/19 03:58 AM	11.3	-
10/25/19 04:58 AM	9.4	-
10/25/19 05:58 AM	5.6	-
10/25/19 06:58 AM	3.1	-
10/25/19 07:58 AM	3.1	-
10/25/19 08:58 AM	1.9	-

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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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