



Testing, Mitigation, System Design  
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## Radon Survey Analysis Job #18-C002F

for

### Corbett School District Multi Purpose Building & Cafeterias

c/o Steve Salisbury

property located at

35800 E Historic Columbia River Hwy  
Corbett, OR 97019

February 20, 2026

**Introduction**

The following report documents a study of radon levels for the property located at 35800 E Historic Columbia River Hwy Corbett, OR 97019. The goal of this study is to determine indoor radon levels for all areas in contact with the ground. Testing performed per Oregon Health Authority School Testing Protocols.

**Analysis assumes that the buildings tested were maintained under “closed-building” conditions** (windows closed and exterior doors shut immediately after entering and exiting), as well as normal indoor temperatures, for the duration of the testing period. The H-VAC system for each building was set to normal occupied settings for the entirety of the testing period.

**Conclusions and Recommendations**

Test was a “Short-Term” test, with minimum duration of 60 hours. See the chart below of areas in buildings that were tested, and the corresponding levels found. Maps of the test levels are provided in Appendix A. Note that all Nine(9) locations tested had results below the USEPA Action Level of 4.0 pCi/L.

No mitigation action is recommended at this time. While the USEPA recommends buildings be fixed if the radon level is 4.0 pCi/L or more, because there is no known safe level of exposure to radon, the US EPA also suggests individuals consider fixing buildings for radon levels between 2.0 pCi/L and 4.0 pCi/L.

This report represents the average radon concentration for the period that testing was and at the specific location(s) within the building. The concentration of radon gas in indoor air can vary widely; it fluctuates daily, seasonally, and with weather conditions. Indoor radon levels may be affected by barometric pressure, strong winds, rain-soaked ground, snow cover, heating and A/C systems, building construction, open windows, and the like. For further confirmation of average, long-term radon levels, it is suggested that long-term, Alpha-Track type radon testing be performed.

NOTE: It is recommended from the Oregon Health Authority that any school indicating low radon values be retested at least every 10 years. In areas where mitigation has been performed, it is recommended to test using long-term testing at least every 5 years.

**Radon Level Measurements**

The building tested was assumed occupied during testing.  
No system was installed or inspected at the time of testing.  
The measurement technique used Eleven(11) AirChek activated charcoal kits.

Test Start Date: 2/9/2026

Test End Date: 2/13/2026

Measurements of radon levels were made in the following areas:

**Table 1: Results**

Room	Floor	Kit ID#	Test Start Time	Test End Time	Result (pCi/L)
Band Room	1	12350071	7:00am	8:00am	0.3
Band Room Office	1	12350175	7:00am	8:00am	0.3
Band Storage	1	12350080	7:00am	8:00am	0.3
Cafeteria East	1	12279836	7:00am	8:00am	0.3
Cafeteria NE	1	12350186	7:00am	8:00am	0.3
Cafeteria West	1	12279811	7:00am	8:00am	0.3
Ms. Tucker	1	12279870	7:00am	8:00am	0.3
Stage Store Room	1	12350182	7:00am	8:00am	0.3
Theater Room	1	Duplicate Avg	7:00am	8:00am	0.3

Duplicate measurements were conducted as a means to assess the precision of the test measurements. The criteria of acceptance is that the average relative percent difference (ARPD) of the results of the two measurement results for results whose averages are greater than 4.0, should be within 25%. The results of the

collated duplicates are provided in Table 2. The applicable ARPD for this survey was not applicable and is thus in compliance.

**Table 2: \*Duplicate Table**

Room	Kit ID#	Test Start Time	Test End Time	Result (pCi/L)	Average (pCi/L)	Avg > 3.9 pCi/L?	RPD%
Theater Room	12279812	7:00am	8:00am	0.3	0.3	No	0%
	12350072	7:00am	8:00am	0.3			
Average RPD for Duplicate Averages more than 3.9 pCi/L:							N/A
In Compliance:							Yes

As a means to determine any biases in the results, detectors were deployed but not opened. At the time of test retrieval of the regular test, the devices were removed from their packaging and sent to the laboratory for blind analysis. The results of these unexposed devices are shown in Table 3. As can be seen, the laboratory reported these at the lower level of detection, indicating that no biases were introduced in handling and shipping of the devices.

**Table 3: Blanks**

Room	Blank #	Kit ID#	Result (pCi/L)	In Compliance?
Band Room	1	12350165	0.3	Yes

A device was also selected from the lot of detectors that were utilized for exposure to a known radon environment at a spiking chamber (Bowser-Morner, NEHANRPP ID# 101 TC). After exposure, the device was submitted as a blind measurement to the laboratory. A comparison of the reported reading from the lab and the known concentration in the chamber is as follows:

Chamber concentration to which device was exposed:	22.6 pCi/L
Concentration reported by lab:	21.4 pCi/L
Relative percent difference (RPD):	5.5%

The RPD between the reported and spiking concentration is well within normal limits.

**Key:**

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

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

Invalid: Kit is void due to being found on floor, damaged, missing, or visibly tampered with after placement

**Testing Conditions:**

None of Note

**Weather:**

2/09 A.47° L.41° H.53° (Cloudy)

2/10 A.42° L.37° H.52° (Foggy)

2/11 A.48° L.41° H.56° (Mostly Sunny)



2/12 A.45° L.35° H.55° (Mostly Sunny)

2/13 A.45° L.41° H.50° (Cloudy)

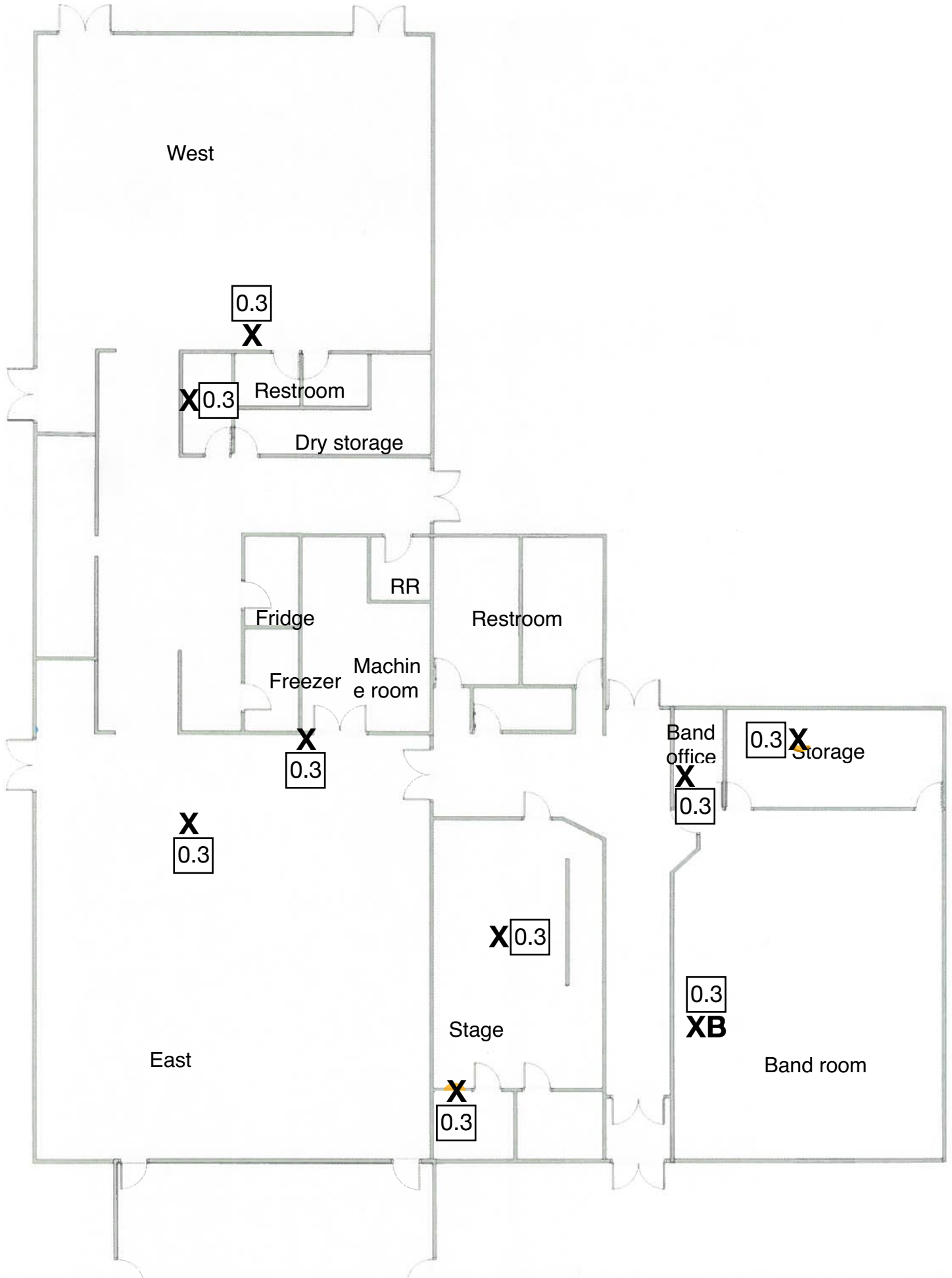
Please contact me if you have any questions.

Thank you,  
Felicia Flanders  
NRPP 112059 RMP



<p>National Radon Proficiency Program</p>  <p><b>Felicia Flanders</b> Radon Measurement Professional ID Number: #112059-RMP Valid 2025-03-25 - 2027-04-30 <small>To confirm validity of this certification call 828-348-0185. Verification of adherence to state and local regulations is advised. See reverse for specific certification designations.</small></p>		<p><b>Felicia Flanders #112059-RMP</b> This individual is certified for the use of passive measurement devices to be analyzed by NRPP certified Analytical Laboratories and also certified to provide Analytical Services using the following device(s):</p> <div style="border: 1px solid black; padding: 5px;"> <p>CR-2282 SunRadon 1028-XP AT-8207 RSSI AT-101 AC-8201 Air Chek Pro Chek</p> </div> <p><small>The radon office for the state in which this person resides may be contacted for information on radon and local requirements. For additional information contact NRPP at 828-348-0185, or visit the NRPP web-site at nrpp.info State Radon Program Contact Number: (971) 673-0440</small></p>
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Appendix A: Map of Results - Multipurpose building & Cafeterias



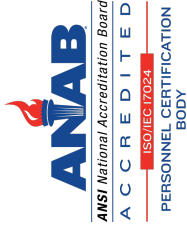
## P3606 / WADE GERVAIS

Kit Number	Start Date	Start Time	End Date	End Time	Temp.	Facility	Building	Room	Project ID	Floor	Result
12279811	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	CAFETERIA WEST	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12279812	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	THEATER ROOM	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12279836	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	CAFETERIA EAST	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12279870	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	MS TUCKER	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12350071	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	BAND ROOM	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12350072	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	THEATER ROOM	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12350080	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	BAND STORAGE	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12350165	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	BAND ROOM B	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12350175	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	BAND ROOM OFFICE	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12350182	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	STAGE STORE ROOM	MULTIPURPOSE BUILDING 18-C002F	1	<0.3
12350186	2026-02-09	7:00 am	2026-02-13	8:00 am	70	MULTIPURPOSE BUILDING	MULTIPURPOSE BUILDING	CAFETERIA NORTH	MULTIPURPOSE BUILDING 18-C002F	1	<0.3

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# Felicia Flanders



Has satisfactorily fulfilled the requirements set forth by the National Radon Proficiency Program and is therefore certified as a:

## Radon Measurement Professional

with Standard and Analytical Services

NRPP ID 112059-RMP

Issued On: 2025-03-25 Expires: 2027-04-30

Valid for specific activities or measurement devices, which can be verified with NRPP. State and local agencies may have additional requirements.



In witness Whereof,  
I have subscribed my name as a  
Representative of NRPP

Ashley Falco  
Chair, Certification Council