



Testing, Mitigation, System Design
CCB 180537
CASCARI927C1
Fed ID 26-1809992

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Radon Survey Analysis Job #20-C043F

for

Corbett School District
Corbett Grade School
c/o Steve Salisbury

property located at

35800 E Historic Columbia River Hwy
Corbett, OR 97019

February 18, 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 Thirty-Seven(37) 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 mitigation system was installed or inspected at the time of testing.
The measurement technique used Forty-Three(43) AirChek activated charcoal kits.

Test Start Date: 2/2/2026

Test End Date: 2/6/2026

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)
Classroom 1	1	12350117	6:00 am	7:00 am	1.9
Classroom 2	1	12350110	6:00 am	7:00 am	1.3
Classroom 3	1	12350198	7:00 am	7:00 am	1.2
Classroom 4	1	12350151	7:00 am	7:00 am	1.0
Classroom 5	1	12350092	6:00 am	7:00 am	0.8
Classroom 6	1	Duplicate Avg	7:00 am	7:00 am	0.9
Classroom 7	1	12350101	7:00 am	7:00 am	1.5
Classroom 8	1	12279865	7:00 am	7:00 am	0.8
Classroom 9	1	12350095	7:00 am	8:00 am	0.9
Classroom 10	1	12279886	7:00 am	8:00 am	0.8
Classroom 11	1	12350054	7:00 am	8:00 am	0.6

Room	Floor	Kit ID#	Test Start Time	Test End Time	Result (pCi/L)
Classroom 12	1	12350073	7:00 am	8:00 am	0.7
Classroom 13	1	12350159	7:00 am	8:00 am	0.6
Classroom 14	1	12350103	7:00 am	8:00 am	0.3
Classroom 15	1	12350111	7:00 am	8:00 am	0.9
Classroom 16	1	12350115	7:00 am	8:00 am	0.7
Classroom 17	1	Duplicate Avg	7:00 am	8:00 am	0.8
Classroom 18	1	12350194	7:00 am	8:00 am	0.3
East Common Area	1	12350081	7:00 am	8:00 am	1.0
West Common Area	1	12279838	7:00 am	7:00 am	0.9
Library	1	12350077	7:00 am	7:00 am	0.7
Mr Tarcher	1	12350041	7:00 am	7:00 am	0.7
Quiet Room	1	Duplicate Avg	7:00 am	8:00 am	0.6
Speech	1	12350056	7:00 am	7:00 am	0.6
OT Room	1	12350034	7:00 am	8:00 am	0.6
Chris Wingler - AT	1	12279871	7:00 am	2:00 pm	0.7
Learning Center	1	12350046	7:00 am	7:00 am	1.0
Front Desk/Reception	1	12350074	7:00 am	8:00 am	0.7
Principals Office	1	12350107	7:00 am	8:00 am	1.1
Care Room	1	12350055	7:00 am	8:00 am	0.3
Office 1	1	12279872	7:00 am	8:00 am	0.8
Nurse	1	Duplicate Avg	7:00 am	2:00 pm	0.6
Back Office	1	12350026	6:00 am	7:00 am	1.2
Staff Room	1	12350109	6:00 am	7:00 am	1.0
Conference Room	1	12350053	6:00 am	7:00 am	0.9
Gym East	1	12350083	7:00 am	8:00 am	1.1
Gym West	1	12350082	7:00 am	8:00 am	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%
Classroom 6	12279875	7:00 am	7:00 am	1.0	0.9	No	35.5%

Room	Kit ID#	Test Start Time	Test End Time	Result (pCi/L)	Average (pCi/L)	Avg > 3.9 pCi/L?	RPD%
	12350128	7:00 am	7:00 am	0.7			
Classroom 17	12350078	7:00 am	8:00 am	0.9	0.8	No	25%
	12350096	7:00 am	8:00 am	0.7			
Quiet Room	12279821	7:00 am	8:00 am	0.6	0.6	No	0%
	12350104	7:00 am	8:00 am	0.6			
Nurse	12350009	7:00 am	2:00 pm	0.6	0.6	No	0%
	12350042	7:00 am	2:00 pm	0.6			
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?
Classroom 13	1	12350193	0.3	Yes
Classroom 9	2	12350069	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:	20.2 pCi/L
Relative percent difference (RPD):	11.2%

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:

- 2/2 A.43° L.38° H.52° (Cloudy)
- 2/3 A.49° L.43° H.53° (Mostly Sunny)
- 2/4 A.49° L.47° H.54° (Mostly Sunny)
- 2/5 A.49° L.47° H.53° (Mostly Sunny)
- 2/6 A.48° L.44° H.54° (Mostly Sunny)

Please contact me if you have any questions.
 Thank you,
 Felicia Flanders
 NRPP 112059 RMP



National Radon Proficiency Program



Felicia Flanders
 Radon Measurement Professional
 ID Number: #112059-RMP Valid 2025-03-25 - 2027-04-30
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.



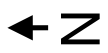
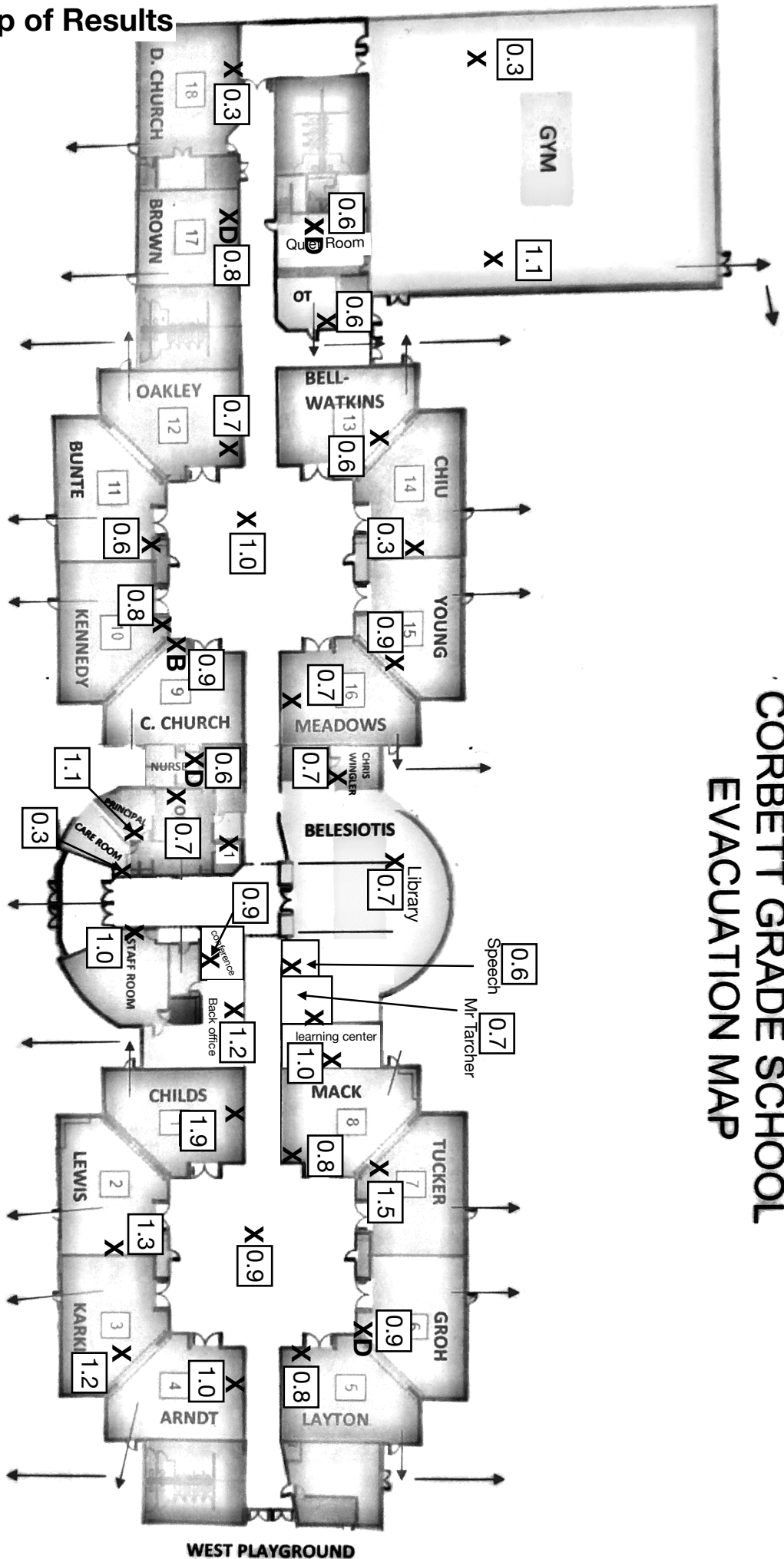
Felicia Flanders #112059-RMP
 This individual is certified for the use of passive measurement devices to be analyzed by NRPP certified Analytical Laboratories and also certified to provide Analytical Services using the following device(s):

CR-2282 SunRadon 1028-XP
 AT-8207 RSSI AT-101
 AC-8201 Air Chek Pro Chek

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

Appendix A: Map of Results

CORBETT GRADE SCHOOL EVACUATION MAP



WEST PLAYGROUND

P3606 / WADE GERVAIS

Kit Number	Start Date	Start Time	End Date	End Time	Temp.	Facility	Building	Room	Project ID	Floor	Result
12279821	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	QUIET ROOM	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12279838	2026-02-02	7:00 am	2026-02-06	7:00 am	70			WEST COMMON AREA	CORBETT GRADE SCHOOL 20-C043F	1	0.9
12279865	2026-02-02	7:00 am	2026-02-06	7:00 am	70			CLASSROOM 8	CORBETT GRADE SCHOOL 20-C043F	1	0.8
12279871	2026-02-02	7:00 am	2026-02-06	2:00 pm	70			CHRIS WINGLER - AT	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12279872	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	OFFICE 1	CORBETT GRADE SCHOOL 20-C043F	1	0.8
12279875	2026-02-02	7:00 am	2026-02-06	7:00 am	70			CLASSROOM 6	CORBETT GRADE SCHOOL 20-C043F	1	1.0
12279886	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CLASSROOM 10	CORBETT GRADE SCHOOL 20-C043F	1	0.8
12350009	2026-02-02	7:00 am	2026-02-06	2:00 pm	70			NURSE	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12350026	2026-02-02	6:00 am	2026-02-06	7:00 am	70		CORBETT GRADE	BACK OFFICE	CORBETT GRADE SCHOOL 20-C043F	1	1.2
12350034	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	OT ROOM	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12350041	2026-02-02	7:00 am	2026-02-06	7:00 am	70		CORBETT GRADE	MR TARCHER	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12350042	2026-02-02	7:00 am	2026-02-06	2:00 pm	70			NURSE	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12350046	2026-02-02	7:00 am	2026-02-06	7:00 am	70			LEARNING CENTER	CORBETT GRADE SCHOOL 20-C043F	1	1.0
12350053	2026-02-02	6:00 am	2026-02-06	7:00 am	70			CONFERENCE ROOM	CORBETT GRADE SCHOOL 20-C043F	1	0.9
12350054	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CLASSROOM 11	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12350055	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CARE ROOM	CORBETT GRADE SCHOOL 20-C043F	1	<0.3
12350056	2026-02-02	7:00 am	2026-02-06	7:00 am	70			SPEECH	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12350069	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CLASSROOM 9B	CORBETT GRADE SCHOOL 20-C043F	1	<0.3
12350073	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CLASSROOM 12	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12350074	2026-02-02	7:00 am	2026-02-06	8:00 am	70			FRONT DESK/RECEPTION	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12350077	2026-02-02	7:00 am	2026-02-06	7:00 am	70			LIBRARY	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12350078	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CLASSROOM 17	CORBETT GRADE SCHOOL 20-C043F	1	0.9
12350081	2026-02-02	7:00 am	2026-02-06	8:00 am	70			EAST COMMON AREA	CORBETT GRADE SCHOOL 20-C043F	1	1.0
12350082	2026-02-02	7:00 am	2026-02-06	8:00 am	70			GYM WEST	CORBETT GRADE SCHOOL 20-C043F	1	<0.3
12350083	2026-02-02	7:00 am	2026-02-06	8:00 am	70			GYM EAST	CORBETT GRADE SCHOOL 20-C043F	1	1.1
12350092	2026-02-02	6:00 am	2026-02-06	7:00 am	70			CLASSROOM 5	CORBETT GRADE SCHOOL 20-C043F	1	0.8
12350095	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CLASSROOM 9	CORBETT GRADE SCHOOL 20-C043F	1	0.9
12350096	2026-02-02	7:00 am	2026-02-06	8:00 am	70			CLASSROOM 17	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12350101	2026-02-02	7:00 am	2026-02-06	7:00 am	70			CLASSROOM 7	CORBETT GRADE SCHOOL 20-C043F	1	1.5
12350103	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	CLASSROOM 14	CORBETT GRADE SCHOOL 20-C043F	1	<0.3
12350104	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	QUIET ROOM	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12350107	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	PRINCIPALS OFFICE	CORBETT GRADE SCHOOL 20-C043F	1	1.1
12350109	2026-02-02	6:00 am	2026-02-06	7:00 am	70		CORBETT GRADE	STAFF ROOM	CORBETT GRADE SCHOOL 20-C043F	1	1.0
12350110	2026-02-02	6:00 am	2026-02-06	7:00 am	70		CORBETT GRADE	CLASSROOM 2	CORBETT GRADE SCHOOL 20-C043F	1	1.3
12350111	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	CLASSROOM 15	CORBETT GRADE SCHOOL 20-C043F	1	0.9

P3606 / WADE GERVAIS

Kit Number	Start Date	Start Time	End Date	End Time	Temp.	Facility	Building	Room	Project ID	Floor	Result
12350115	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	CLASSROOM 16	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12350117	2026-02-02	6:00 am	2026-02-06	7:00 am	70		CORBETT GRADE	CLASSROOM 1	CORBETT GRADE SCHOOL 20-C043F	1	1.9
12350128	2026-02-02	7:00 am	2026-02-06	7:00 am	70			CLASSROOM 6	CORBETT GRADE SCHOOL 20-C043F	1	0.7
12350151	2026-02-02	7:00 am	2026-02-06	7:00 am	70		CORBETT GRADE	CLASSROOM 4	CORBETT GRADE SCHOOL 20-C043F	1	1.0
12350159	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	CLASSROOM 13	CORBETT GRADE SCHOOL 20-C043F	1	0.6
12350193	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	CLASSROOM 13B	CORBETT GRADE SCHOOL 20-C043F	1	<0.3
12350194	2026-02-02	7:00 am	2026-02-06	8:00 am	70		CORBETT GRADE	CLASSROOM 18	CORBETT GRADE SCHOOL 20-C043F	1	<0.3
12350198	2026-02-02	7:00 am	2026-02-06	7:00 am	70		CORBETT GRADE	CLASSROOM 3	CORBETT GRADE SCHOOL 20-C043F	1	1.2

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498



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