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Testing, Mitigation,
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Radon Survey Analysis
Job #17-C155_R1

for

Corbett School District
High School
c/o Mark Wilson

property located at

35800 E Historic Columbia River Hwy

Corbett OR 97018

February 9, 2018



Introduction

The following report documents a study of radon levels for the property located at 3500 E Historic Columbia River Hwy Corbett OR 97018. The goal of this study is to perform diagnostic testing of areas that prior testing indicated were above the US EPA recommended action level of 4.0 pCi/L.

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

Test was a “Short-Term” test, with minimum duration of 72 hours. See the chart below of area(s) in building that were tested, and the corresponding levels found. Note that the one (1) location tested had results below the US EPA 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. It was determined that in prior testing the door to the room tested had been closed which is not how the room is normally used. Should the area tested have a change in use, re-testing would be recommended.

The concentration of radon gas in indoor air can vary widely. It may fluctuate from day to day, week to week, and season to season. Indoor radon levels may be affected by barometric pressure, strong winds, rain-soaked ground, snow cover, heating and A/C systems, house construction, open windows, and the like. For further confirmation of average, long-term radon levels, it is suggested a long-term, Alpha-Track type radon test be performed.

NOTE: It is recommended that any building indicating low radon values be retested at least every 5 years.

Radon Level Measurements

The building tested was assumed occupied during testing.

The measurement technique used (1) RadStar RS800 continuous radon monitor.

Test Start Date: 1/19/2018

Test End Date: 1/22/2018

Measurements of radon levels were made in the following areas:

Results Table

Room	Monitor ID #	Test Start Time	Test End Time	Average (pCi/L)	Maximum (pCi/L)	Minimum (pCi/L)
Copy Room	2369	3:00 PM	4:00 PM	1.1	4.0	0.0

Key:

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

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

Please contact me if you have any questions.
Thank you,

Tamara Linde
NRPP 108246 RT