CASCADE RADON, INC.
Testing, Mitigation,
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Radon Survey Analysis
Job #17-C126W

for

Lake Oswego School District
River Grove Elementary
c/o Brent Paul
Facilites Manager

property located at

5850 McEwan Rd

Lake Oswego, OR 97035

September 1, 2017

STATE OF OREGON CERTIFIED EMERGING SMALL BUSINESS

Certified SBA WOSB Woman Owned Small Business

Introduction

The following report documents a study of radon levels for the property located at 5850 McEwan Rd 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 duration of 111 hours.

No 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 $25-30 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: 1.6 inches of water column pressure.
The building tested was assumed occupied during testing.
The measurement technique used (4) Rad Star continuous electronic monitors: (01638, 01697, 01645, 01984).
Measurements of radon levels were made in the following areas:

Test End: 8:00 AM, 8/28/2017

Monitor ID 01638 – Computer Room

Average radon reading for duration of test = 1.7 pCi/L

Highest level recorded: 5.1 pCi/L
Lowest level recorded: 0.0 pCi/L

Monitor ID 01697 - Library

Average radon reading for duration of test = 1.9 pCi/L

Highest level recorded: 5.2 pCi/L
Lowest level recorded: 0.0 pCi/L

Monitor ID 01645 - Office

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

Highest level recorded: 5.7 pCi/L
Lowest level recorded: 0.0 pCi/L

Monitor ID 01984 – Staff Room

Average radon reading for duration of test = 1.7 pCi/L

Highest level recorded: 5.4 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,

Tamara Linde
NRPP 108246 RT

It is recommended that a certified radon mitigation company be contacted to mitigate the elevated radon level bringing them below the EPA Action Level.