

11.0 RECOMMENDATIONS & CONCLUSIONS

Initial radon measurements were all below the EPA action limit of 4 pCi/L and immediate followup radon measurements are not required at this time. There is a relatively low probability that radon mitigation is warranted with these favorable test results as cited in EPA document EPA 400-R-92-011; U.S. EPA 1992g. (Building alterations, structural foundation changes and/or other surface or sub-slab disturbances may effect radon concentrations).

The total of forty-eight (48) radon test units supplied by a certified laboratory known as Pro-Lab were utilized at the Charter school building. The testers were placed within functional frequently occupied charter school building areas such as classrooms, offices, and gymnasium rooms between Friday, February 7, 2020 and Monday, February 10, 2020. The total of forty-eight (48) short term samplers were capped and submitted to Pro-lab laboratories for radon analysis and analyzed by the Pro-Lab laboratories on Thursday, February 13, 2020. Radon test results were reported to EIS on Tuesday, February 18, 2020. No elevated radon concentrations were detected in all the samplers.

A total of six (6) radon test concentrations were considered high with radon concentrations varying between 2.1 pCi//L and 3.8 pCi/L. A total of one (1) radon test concentration approached the EPA Action limit of 4.0 pCi/L with a radon concentration of 3.8 pCi/L. The six (6) highest radon concentrations varied between 2.1 pCi/L and 3.8 pCi/L with the single measurement of 3.8 pCi/L approaching the EPA action limit of 4.0 pCi/L. The six highest measurements are listed as follows:

<u>Serial No.</u>	<u>Location</u>	<u>Analytical Test Result</u>
4905794	Office	2.4 pCi/L
4902301	Room 2	3.8 pCi/L
4875213	Room 3	2.1 pCi/L
4881983	Room 64	2.4 pCi/L
4902243	Shop	2.4 pCi/L
4893054	Room 111	2.1 pCi/L

All radon concentration measurements are below the action limit of 4.0 pCi/L.

All radon concentration sampler test results are summarized in Appendix 1.0. The radon test results for the Siletz Charter school building are based on these initial short term simultaneous test results.

In the opinion of EIS, no additional radon testing is recommended at the Siletz Charter school at this time based on this data. EIS does not recommend additional short term radon testing at this school at this time based on these analytical test results. EIS does recommend enhanced ventilation in room No. 2. If there are questions concerning the radon testing at the district please initially contact the Siletz Administrative office at 541-444-1100.

Respectfully,

A handwritten signature in cursive script that reads "Charles A. Spear".

Charles A. Spear
Environmental Professional