

INDUSTRIAL HYGIENE REPORT

RADON TESTING REPORT

Crossler Middle School

Report to: Vonnie B. Good, EHS Salem Keizer Public Schools

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On-site: December 2-5, 2019

Report: December 17, 2019

PURPOSE

Initial testing showed radon levels at or near EPA's Action Level of 4.0 picoCuries/L (pCi/L) in two offices, the Principal's Office and the Attendance Office. Cracks in the flooring in the Principal's Office were sealed. More testing is ongoing.

CONCLUSION AND RECOMMENDATION

During this test period, both offices, Attendance and Principal, had low levels of radon.

TESTING

Radon testing was conducted using protocols recommended by the Oregon Health Authority per ORS 332.166-.167. Radon Air-Chek short-term test devices were used in the rooms by suspending the device in each room. The testing occurred from December 2-5, 2019, during normal and routine school ventilation system operation. Weather conditions the week of the testing had been dry with low temperatures.

Quality assurance testing was also conducted by utilizing a blank sample (QCB1) per the recommendations found in ORS 332.166-.167.

EPA RADON GUIDELINES

The EPA has set an Action Level of 4.0 pCi/L (picoCuries per liter) for schools. If classrooms or buildings have radon levels at or above 4.0 pCi/L, EPA recommends that schools take action to reduce the level. These actions include:

Step 1 If your result is 4.0 pCi/L or higher take a follow-up test (Step 2).

Step 2. Follow up with either a long-term test or a second short-term test.

Sample Data

December 12, 2019

** LABORATORY ANALYSIS REPORT **

Radon test result report for:

**SK
CROSSLER**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9305099	ATTENDANCE	2019-12-02 @ 9:00 am	2019-12-05 @ 8:00 am	2.3 ± 0.4	2019-12-09
9305097	PRINCIPAL	2019-12-02 @ 9:00 am	2019-12-05 @ 8:00 am	2.3 ± 0.4	2019-12-09
9305098	PRINCIPAL	2019-12-02 @ 9:00 am	2019-12-05 @ 8:00 am	1.6 ± 0.4	2019-12-09
9305093	QCB1	2019-12-02 @ 9:00 am	2019-12-05 @ 8:00 am	< 0.3	2019-12-09