

Salem Keizer School District

Crossler Middle School

RADON TESTING SAMPLE REPORT

On-site: April 3-6, 2012

Report: April 11, 2012

PURPOSE

Per EPA protocols, follow up radon testing was done in rooms and offices within the school office complex to track the radon levels after comprehensive sampling found levels above the EPA recommended Action Level of 4.0 picoCuries/Liter (pCi/L) in two offices.

CONCLUSION

All tested rooms had radon levels at very low concentrations, below 2 pCi/L. The two rooms that exceeded the Action Levels in previous tests had low concentrations during this test. The principal's office average level was 1.2 pCi/L, and the attendance office average level was 1.3 pCi/L.

TESTING

Radon Air-Chek short-term test devices were used in 20 locations by suspending the device in each room. The testing occurred from Tuesday April 3 to Friday April 6 to during normal and routine school ventilation system operation which is generally between 6AM-4PM.

These short-term devices work by trapping room air inside the grains of charcoal within the devices, meaning that live radon gas is being captured. The analysis is performed by measuring the radiation emitted from the charcoal, which is proportional to the amount of radon that was present in the room air.

Crossler Radon Test Summary

Test Locations	November 2011 RADON LEVELS pCi/l	April 2012 RADON LEVELS pCi/l
School Main Office	1.8	1.2
Attendance	4.3	1.3
Assistant Principal	2.1	1.0
Principal	4.0	1.2
Registrar	3.3	1.0
Office Manager	2.8	1.0
Office 1	3.4	1.5
Office 2	1.7	1.3
Passroom	1.9	1.0
Health Area		0.7
SRO	0.7	0.5
Community office A		0.9
Community office B		1.0
Community office C		0.8
Office Storage room		0.9
Office Kitchen		0.7
Office Women's Restroom		1.3
Office Men's Restroom		1.0
Elevator Mechanical Room		1.1
Lobby Storage Room		1.4
EPA Action Level	4.0	4.0