

Salem Keizer School District

RADON TESTING SAMPLE REPORT

On-site February 28 - March 2, 2011
Report March 9, 2011

PURPOSE

Radon testing in rooms or offices in contact with the ground were done in three schools as follow up testing during the winter. These schools were:

- McKinley
- Morningside
- Grant

CONCLUSION

Many of the tested rooms had radon levels so low that it was non detectable. The levels of radon that were detectable ranged from 0.6 to 2.4 pCi/l. There was only one test location, Morningside room 16, where the radon levels were above 2 pCi/l.

TESTING

Radon Air-Chek short-term test devices were used in each location by suspending the device in each room. The testing occurred from Monday February 28 to Wednesday March 2 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 with 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.

McKinley Test Results Reported in pCi/L

Location	July 2001 RADON LEVELS	June 2009 RADON LEVELS	March 2011 RADON LEVELS
LRC	3.6		0.9
Rm 7.5 Speech		<0.3	<0.3
Library			0.9
Rm 6			1.7
Rm 5			1
Rm 4			1.3
Rm 3			1.5
Rm 8			<0.3
Kitchen			1
Stage			<0.3
PE Office			1.4
Music			0.8
Custodian office			<0.3
Rm 1			1.1 <i>Window open</i>
Rm 2			<0.3

Morningside Test Results Reported in pCi/L

	July 2001	May 2009	June 2009	January 2010	March 2011
Rm 16			2.5	2.9	2.4
Rm 17	0.5	3.7	0.6		0.8
Rm 18			0.9		1.5
Rm 19			0.8		<0.3
PE Office					1.1
Music					1
Principal office					0.5
School office					<0.3
Counselor					0.9
Staff Room					<0.3
Workroom					<0.3
Kitchen					1
Reading					<0.3
Custodian office					1.3
Rm 15					<0.3
Rm 14					0.8
Rm 1					<0.3
Rm 13					0.6
Rm 2					<0.3
Rm 12					0.7 <i>Window open</i>
Rm 3					<0.3
Rm 4					<0.3
Rm 5					<0.3
Library					<0.3
Library office					<0.3

Grant Test Results Reported in pCi/L

LOCATION	July 2001	May 2009	May 2010	June 2010	March 2011
Staff room			0.6		
Community Outreach			1.0		
Room 3	2.6	2.5	3.2	2.2	<0.3
Room 1			0.6		
Room 2			0.9		
Room 4			1.0		0.6
Media East			<0.3		
Media West			<0.3		
Principal's office			0.8		
Office Manager's office			5.1	5.1	1
Counselor's office			1.0		
LRC			<0.3		
LRC Counselor office			0.9		
LRC office			<0.3		
Room 6			<0.3		
Room 8			0.6		1.2
Room 10			<0.3		
Office 14			1.2		
Room 12			1.3		<0.3
Room 11			0.5		
Music			0.5		0.6
PE Office					0.5
Room 18			1.3		
Office 19			1.1		
Room 9			0.6		<0.3
Room 7			<0.3		
Room 5			<0.3		
Room 180			1.8		1.7
Room 160			0.8		
Room 140			<0.3		
Room 120			<0.3		
Room 110			1.0		