

Radon Test Report
Royal Oaks Elementary
7335 Steepleview Road, Woodbury, MN 55125
Meridian Consulting Group

Radon testing was conducted at Royal Oak Elementary by a licensed radon measurement professional following ANSI/AARST's 'Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings' standards. Quality control measurements including duplicates and blanks were conducted at their required quantity.

Test Duration: 48 hours
Start Date: 03/22/2023
End Date: 03/24/2023

Licensed Radon Measurement Professional:
Wendy German, RMEA-00447
Meridian Consulting Group
320-224-1908
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Laboratory: AirChek, NRPP Certified Lab #101138 AL
Device: AirChek ProChek

Result Summary:

52 rooms were tested. No test results are at or above the EPA action level of 4 pCi/L. In addition, zero test results were at least half of the action level, between 2 pCi/L and 4 pCi/L.

Recommendations:

Retest every five years. Also retest if any of the following conditions occur:

- A new addition is constructed or alterations for building rehab or reconfiguration occur;
- A ground contact area not previously tested is occupied;
- Heating and cooling systems are significantly altered;
- Ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures;
- Significant soil openings occur due to alterations to sumps or drain tiles, cracks in slabs or walls; earthquakes; construction blasting nearby; or any other soil opening created in or adjacent to the building; or
- A mitigation system is installed, altered, or repaired.

More information about radon is available by contacting the Minnesota Department of Public Health at:

Phone: 651-201-4601

Website: MN.gov/radon

Email: health.indoorair@state.mn.us

Conditions Observed During Testing

The required conditions were observed at deployment and retrieval: Yes
If no, describe: N/A

Interior building temperature was between 65 and 80 degrees: Yes

Testing devices were tampered with during the test: No

If the building has a mitigation system, it was operation: N/A

Unusually high winds or storm during test: No

HVAC operating normal during test: Yes

Construction activity in or adjacent to building: No

Any other factors that could have influenced results: No

Test Checklist

The locations of the detectors were selected so that they were less likely to be disturbed during testing: Yes

The detectors were not placed in an area of high humidity: bathrooms, laundry rooms, sump areas, etc: Yes

The detectors were not located near drafts caused by HVAC vents, windows, and doors: Yes

The detectors were not placed near areas of excessive heat, such as radiators, appliances, or in direct sunlight: Yes

The detectors were not placed within 1 foot of outside walls or within 3 feet of exterior doors or windows: Yes

**RADON TESTING RESULT REPORT FOR:
ROYAL OAKS ELEMENTARY - Test Conducted 3/22/23 - 3/24/23**

Sample ID	Location	Type	Result
11653213/11653212	100	Duplicate	0.9
11653226	101	Standard	0.6
11653214	102	Standard	0.7
11653225	103	Standard	1.0
11653215	104	Standard	0.8
11653224	105	Standard	0.8
11653216	106	Standard	0.9
11653223	107	Standard	0.8
11653217	108	Standard	0.8
11653222	109	Standard	1.1
11653218	110	Standard	0.6
11653221	111	Standard	0.7
11653219	112	Standard	<.0.3
11653220	113	Standard	<.0.3
11653232/11653233	200	Duplicate	0.4
11653251	201	Standard	0.6
11653234	202	Standard	0.5
11653250	203	Standard	0.8
11653235	204	Standard	<.0.3
11653249	205	Standard	0.6
11653236	206	Standard	0.5
11653248	207	Standard	<.0.3
11653237	208	Standard	0.7
11653247	209	Standard	<.0.3
11653238	210	Standard	0.6
11653245	211	Standard	<.0.3
11653239	212	Standard	<.0.3
11653244	213	Standard	<.0.3
11653241/11653240	214	Duplicate	0.4
11653246/11653243	215	Duplicate	<.0.3
11653242	216	Standard	<.0.3
11653208	A130 Zen Den	Standard	1.0
11653209	A132 Resource	Standard	0.8
11653210	A140	Standard	0.6
11653211	A140 Office	Standard	<.0.3
11653259	Cafeteria	Standard	<.0.3
11653231	Computer Lab/OT	Standard	<.0.3
11653205	Conference	Standard	0.6
11653204	Counselor	Standard	0.9
11653257	Gym A	Standard	<.0.3
11653258	Gym B	Standard	<.0.3
11653255	Hallway Office	Standard	<.0.3
111653261	Kitchen	Standard	1.0

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11653262	Kitchen Office	Standard	<.0.3
11653254/11653252	Lounge	Duplicate	0.6
11653201/11653202	Main Office	Duplicate	0.6
11653229/11653228	Media	Duplicate	0.6
11653227	Media Office 1	Standard	<.0.3
11653230	Media Office 2	Standard	<.0.3
11653206	Nurse	Standard	<.0.3
11653203	Principal	Standard	0.8
11653256	Staff Offices	Standard	<.0.3

11653260	Kitchen Office	Field Blank	<.3
11653207	Nurse	Field Blank	<.3
11653253	201	Field Blank	<.3