

Radon Test Report
Armstrong Elementary
8855 Inwood Ave S, Cottage Grove, MN 55016
Meridian Consulting Group

Radon testing was conducted at Armstrong 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: 03/15/2023
End Date: 03/17/2023

Licensed Radon Measurement Professional:
Wendy German, RMEA-00447
Meridian Consulting Group
320-224-1908
wendy@meridianconsult.net

Laboratory: AirChek, NRPP Certified Lab #101138 AL
Device: AirChek ProChek

Result Summary:

51 rooms were tested. No test results are at or above the EPA action level of 4 pCi/L. Two 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:
ARMSTRONG ELEMENTARY - Test Conducted 3/15/23 to 3/17/23**

Sample ID	Location	Type	Result
11653054	B1	Standard	1.4
11653053	B2	Standard	1.0
11653052	B3	Standard	0.8
11653050/11653051	B4	Duplicates	1.0
11653049	B5	Standard	1.5
11653041	B6	Standard	1.0
11653042	B6A	Standard	1.0
11653043	B6B	Standard	0.7
11653044	B6C	Standard	0.7
11653046/11653045	B7	Duplicates	0.9
11653023	Cateteria	Standard	0.8
11653014	Computer Lab	Standard	0.6
11653004	Conference Room	Standard	1.0
11653022	G1	Standard	0.8
11653021	G2	Standard	1.0
11653020	G3	Standard	0.9
11653019	G4	Standard	0.6
11653016/11653017	G5	Duplicates	0.7
11653018	G6	Standard	1.4
11653024	Gym 1	Standard	0.7
11653025	Gym 2	Standard	<.3
11653005	Health Office	Standard	1.5
11653048	KA	Standard	0.9
11653047	KB	Standard	1.1
11653028	Kitchen	Standard	0.7
11653055	Library 1	Standard	<.3
11653056	Library 2	Standard	0.8
11653001	Main Office	Standard	1.0
11653057	Media Office	Standard	0.8
11653030	Music	Standard	0.7
11653031	Music Office	Standard	0.8
11653003	Principals Office	Standard	2.0
11653007/11653008	R1	Duplicates	1.0
11653009	R2	Standard	1.3
11653010	R3	Standard	1.1
11653011	R4	Standard	1.5
11653013	R5	Standard	1.2
11653012	R6	Standard	1.5
11653029	Receiving	Standard	<.3
11653026	Staff Lounge	Standard	0.5
11653006	Workroom	Standard	0.9
11653033/11653032	Y1	Duplicates	0.8
11653034	Y2	Standard	0.8

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11653035	Y3	Standard	0.5
11653036	Y4	Standard	1.1
11653040	Y5	Standard	0.9
11653039	Y6	Standard	<.3
11653038	Y7	Standard	0.8
11653037	Y8	Standard	2.1

Quality Assurance Field Blanks

11653002	Main Office	Field Blank	<.3
11653015	Computer Lab	Field Blank	<.3
11653027	Staff Lounge	Field Blank	<.3