

Radon Test Report
Pine Hill Elementary
9015 Hadley Ave S, Cottage Grove, MN 55016
Meridian Consulting Group

Radon testing was conducted at Pine Hill 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
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Laboratory: AirChek, NRPP Certified Lab #101138 AL
Device: AirChek ProChek

Result Summary:

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

Sample ID	Location	Type	Result
11652817	100	Standard	1.0
11652819	100B	Standard	0.7
11652818	100C	Standard	0.9
11652835	101	Standard	1.3
11652821/11652820	102	Duplicate	0.7
11652834	103	Standard	1.3
11652822	104	Standard	1.2
11652833	105	Standard	1.2
11652823	106	Standard	1.0
11652832	107	Standard	0.6
11652824	108	Standard	1.1
11652830	109	Standard	1.0
11652825	110	Standard	1.2
11652831/11652829	111	Duplicate	1.0
11652826	112	Standard	1.0
11652828	113	Standard	1.1
11652827	114	Standard	1.5
11652840	200	Standard	1.3
11652843/11652842	202	Duplicate	0.9
11652855	203	Standard	0.9
11652844	204	Standard	0.9
11652854	205	Standard	0.7
11652845	206	Standard	1.0
11652853	207	Standard	1.3
11652846	208	Standard	1.2
11652850	209	Standard	0.6
11652851	210	Standard	1.1
11652852	211	Standard	0.9
11652847	212	Standard	0.7
11652849/11652848	213	Duplicate	0.5
11652866	Cafeteria	Standard	1.0
11652838	Computer Lab	Standard	2.3
11653098	Conference Room	Standard	1.1
11652862	Gym A	Standard	1.0
11652865	Gym B	Standard	1.2
11652858	Hallway Office	Standard	1.2
11652867	Kitchen	Standard	2.8
11652868	Kitchen Office	Standard	1.3
11652856	Lounge	Standard	0.9
11653096/11653095	Main Office	Duplicate	1.1
11652836/11652837	Media Center	Duplicate	2.5
11652841	Media Office 1	Standard	3.3
11652839	Media Office 2	Standard	2.7

**RADON TESTING RESULT REPORT FOR:
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11653099	Nurse's Office	Standard	0.6
11652863	Principal	Standard	0.7
11653097	Psych	Standard	1.0
11652859	Reading Recovery	Standard	1.4
11652860	Workroom	Standard	1.1
11632786	Social Worker	Standard	0.8

Quality Assurance Field Blanks

11653100	Nurse's Office	Field Blank	<.3
11652857	Lounge	Field Blank	<.3
11652861	Workroom	Field Blank	<.3