

April 6, 2026

James Phillippi
Columbia Heights Public Schools
1400-49th Avenue NE
Columbia Heights, MN 55421



**RE: Columbia Heights High School & North Park Elementary School
Continuous Radon Monitoring Results
IEA Project #202610058**

Dear Mr. Phillippi:

The Institute for Environmental Assessment, Inc. (IEA) used a continuous radon monitor (CRM) to measure radon levels in the following locations:

- Columbia Heights High School – HS96D
- Columbia Heights High School – Pool Office (West)
- North Park Elementary School – 209B

In addition, IEA placed CRM(s) as a duplicate test for quality control purposes. See Appendix A for Quality Control information.

The purpose of the monitoring was to determine whether radon levels were within an acceptable range during typical work hours.

The CRM(s) were placed by the following Minnesota Department of Health (MDH) licensed Radon Measurement Professional(s):

Measurement Professional	License Number	Signature
Sashya Wandmaker	RMEA-00470	
Nate Doeringsfeld	RMEA-00626	

INTRODUCTION

Radon is a colorless, odorless, tasteless, radioactive gas that occurs naturally in soil, rocks, and underground water supplies and in the ambient air. According to the U.S. Environmental Protection Agency (EPA) and other scientific organizations, naturally occurring radon gas has been associated with an increased risk of developing lung cancer. The chances of developing lung cancer from radon exposure are dependent on several factors, including individual susceptibility and, perhaps more importantly, the dose and duration of exposure. Radon testing in schools is highly recommended by the Minnesota Department of Health (MDH) and EPA.

BROOKLYN PARK
9201 West Broadway, Ste. #600
Brooklyn Park, MN 55445
763-315-7900 / 800-233-9513

MANKATO
610 North Riverfront Drive
Mankato, MN 56001
507-345-8818 / 800-233-9513

ROCHESTER
210 Woodlake Drive SE
Rochester, MN 55904
507-281-6664 / 800-233-9513

BRAINERD
601 NW 5th Street, Ste. #4
Brainerd, MN 56401
218-302-3787 / 800-233-9513

MARSHALL
1510 Stadium Drive, Ste. #2
Marshall, MN 56258
800-233-9513

VIRGINIA
5525 Emerald Avenue
Mountain Iron, MN 55768
218-302-3787 / 800-233-9513

Short-term radon testing, conducted on December 2, 2025, indicated a radon level above the EPA-and MDH-recommended Action Level. A CRM is recommended to determine if elevated levels are present during occupied times. Radon levels can fluctuate with the operation of the ventilation system as well as with changes in barometric pressure. The CRM provides hourly radon readings so that levels can be evaluated for periods while the room is occupied.

The Minnesota Department of Health (MDH) and the Environmental Protection Agency (EPA) have established a recommended action level in frequently occupied areas of 4.0 picoCuries per liter (pCi/L) for an annual average. The average radon level over each workday was compared to the Action Level.

METHODOLOGY

A Radalink, Inc. RADALINK Series 6000 Radon Telemonitor was used for the testing, which is provided and maintained by Radalink, Inc., MDH license #RL-00009, located at 5599 Peachtree Road, Atlanta, GA 30341.

Air intakes and ventilation systems were operating in normal condition at the time of placement and retrieval. IEA was informed that the HVAC was on a normal operating schedule during the testing period.

IEA followed *ANSI/AARST MA-MFLB 2023* for quality assurance measurements by including duplicate measurements at a rate of ten percent.

Client communications and commitments were delivered to the client and are located in Appendix C:

- Client Commitments, Advisories and Authorizations
- Facilitating Staff Commitments

Occupant notices were sent to the client for distribution on March 9, 2026.

EVALUATION CRITERIA

The MDH and the EPA have established a recommended action level in frequently occupied areas of 4.0 picocuries per liter (pCi/L) for an annual average. Testing was conducted during school days when the building is significantly occupied. The HVAC system was set on a normal occupied operating schedule. Testing was conducted during the heating season when the average outdoor temperature is less than 65°F, as recommended by the MDH, when the ventilation system was operating normally, and windows and doors were closed. Consequently, sampling under these “closed” conditions is when the radon risk is most likely to occur.

The MDH recommends follow-up testing for sampling results that are above the action level. Please refer to the following table for MDH guidelines:

RESULTS (pCi/L)	RECOMMENDED ACTION
LESS THAN 4	Re-test after changes to foundation or HVAC and every 5 years.
GREATER THAN OR EQUAL TO 4	Conduct CRM short-term testing during winter months.
LESS THAN 4 (DURING OCCUPANCY) AFTER CRM TESTING	Repeat CRM testing if not conducted during winter or if conducted during abnormal ventilation. Otherwise consider re-testing after changes to foundation or HVAC and every 5 years
GREATER THAN OR EQUAL TO 4 (DURING OCCUPANCY) AFTER CRM TESTING	Reduce radon in rooms to less than 4 through radon mitigation. Conduct CRM testing to verify radon reduction.

RESULTS & DISCUSSION

Continuous radon monitoring was conducted from March 16-19, 2026, in Columbia Heights High School and North Park Elementary School. A CRM was placed in each room for about 49 hours. The MDH recommends a minimum of 48 hours. Days when these rooms were not occupied (e.g., weekends & holidays) were not included in the monitoring. The hourly CRM data is provided in Appendix C.

A summary of the CRM data, including previous results, is provided in the Table

Columbia Heights High School

1400 49th Ave NE
Columbia Heights, MN 55421

Continuous Radon Monitoring Results – March 16, 2026, to March 18, 2026

Room	Day 1 Average (pCi/L)		Day 2 Average (pCi/L)		Overall Average (pCi/L)		Results from the Previous Testing (pCi/L)
HS96D	¹ 0.5	² 0.4	0.8	4.1	0.7	2.3	4.1
Pool Office (West)	0.6	0.3	2.7	6.6	1.7	3.5	4.3
¹ Readings during occupied times: 7 a.m. to 5 p.m.							
² Readings during unoccupied times: 12 a.m. to 7 a.m. and 5 p.m. to 11:59 p.m.							

pCi/L – picoCuries per liter of air

CRM calibrated: March 2, 2026

Discussion of Results:

- Average radon levels over the workday in HS96D was 0.5 pCi/L on the first day of testing and 0.8 pCi/L on the second day of testing.
- Total average radon level over full measurement period in HS96D was 1.6 pCi/L.
- Average radon levels over the workday in Pool Office (West) was 0.6 pCi/L on the first day of testing and 2.7 pCi/L on the second day of testing.
- Total average radon level over full measurement period in Pool Office (West) was 2.7 pCi/L.
- Average radon levels in HS96D and Pool Office (West) were below the Action Level during the workdays.

North Park Elementary School

5575 Fillmore St NE
Fridley, MN 55432

Continuous Radon Monitoring Results – March 16, 2026 to March 18, 2026

Room	Day 1 Average (pCi/L)		Day 2 Average (pCi/L)		Overall Average (pCi/L)		Results from the Previous Testing (pCi/L)
209B	¹ 1.0	² 2.2	1.2	6.8	1.1	4.5	5.0
¹ Readings during occupied times: 7 a.m. to 5 p.m.							
² Readings during unoccupied times: 12 a.m. to 7 a.m. and 5 p.m. to 11:59 p.m.							

pCi/L – picoCuries per liter of air

CRM calibrated: March 2, 2026

Discussion of Results:

- Average radon levels over the workday in 209B was 1.0 on the first day of testing, and 1.2 on the second day of testing.
- Total average radon level over full measurement period in 209B was 3.1pCi/L.
- Average radon levels in 209B were below the Action Level during the workdays.

CONCLUSIONS AND RECOMMENDATIONS

It is recommended actions be taken to address results of radon concentrations greater than half the action level (2-3.9 pCi/L).

Results from CRM follow-up testing show radon levels during occupied and non-occupied hours. Any mitigation efforts that rely on HVAC mechanical adjustments to provide dilution or pressurizations of indoor air will require clearance testing in all locations within each unique sector mitigated and at least one measurement in each adjoining sector served by a different HVAC system.

The EPA has established recommended guidelines for permissible radon concentrations in schools. The following are general recommendations for frequently occupied areas of schools:

- The building should be retested at least every 5 years and in conjunction with any sale of the building.
- Rooms that were not tested because they were not occupied should be tested if they become occupied in the future.

In addition, retesting should be conducted when any of the following circumstances occur:

- A new addition is constructed, or a significant renovation occurs.
- A ground contact area not previously tested is occupied.
- Heating or cooling systems are significantly altered, resulting in changes to air pressures or distribution.
- Ventilation is significantly altered by extensive weatherization, changes to mechanical systems, or comparable procedures.
- Significant openings to soil occur due to:
 - Ground water or slab surface water control systems (e.g., sumps, perimeter drain tile, shower/tub retrofits, etc.)
 - Natural settlement causing major cracks to develop
 - Earthquakes, construction blasting, or formation of sink holes nearby
 - A mitigation system is altered, modified or repaired
- Rooms should be retested during the winter heating season (i.e., under “closed” conditions) which is typically “worst case” conditions.

Per Minnesota Statutes, section 123B.571, school districts are required to report radon test results at a school board meeting and report results to the MDH. IEA is able to assist with presenting results to the school board, and the MDH reporting. The MDH ‘School Radon Testing Form’ is located in Appendix E.

For more information regarding radon, see the EPA’s A Citizen’s Guide to Radon at <http://www.epa.gov/radon>. MDH can be contacted at health.indoorair@state.mn.us or 651-201-4601.

GENERAL COMMENTS

The analysis and opinions expressed in this report are based upon data obtained from continuous radon monitoring at Columbia Heights Public Schools and are representative of the location and time period sampled. This report does not reflect variations in conditions that may occur across the site, property, or facility. Actual conditions may vary and may not become evident without further assessment. It is the client's responsibility to identify and comply with local statutes regarding obligations that may exist for disclosing test results to occupants and affected third parties.

The report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted radon testing practices. Other than as provided in the preceding sentence and in our Proposal #13557 dated January 13, 2026, regarding radon testing services at Columbia Heights High School and North Park Elementary School, including the General Conditions attached thereto, no warranties are extended or made.

Should you require additional radon testing or have any questions regarding radon or any other health- or safety-related concerns, please do not hesitate to contact our office.

Sincerely,

IEA, Inc.

Reviewed by:



Ian Lundquist
EHS Account Manager
EHS Division



Emma Squires-Sperling
Laboratory Director

IL/wb 040626

Enc.

Appendix A

Quality Control Measurements

MDH and ANSI/AARST MA-MFLB 2023 Quality Control Measurements

IEA followed ANSI/AARST MA-MFLB 2023 and MDH recommendations for quality assurance measurements to ensure the accuracy of test results. Quality assurance measurements include side-by-side (comparison or duplicate) measurements.

Duplicates/comparison measurement devices are placed 4-8 inches apart for the same test period. Duplicates/comparison measurement devices are stored, placed and retrieved, in the same manner as the other measurements. Since duplicates/comparison measurements are placed side-by-side, the measured values for radon should be the same. In an environment with a radon concentration between 2 and 4 pCi/L, the average of all duplicates/comparison measurements' relative percent difference (RPD) should not exceed 25%. In an environment with a radon concentration greater than or equal to 4 pCi/L, the average of all duplicates' relative percent difference (RPD) should not exceed 14%. If they do, an investigation to identify the cause may be warranted and could include repeating the measurements. Duplicates/comparison measurement averages are listed in Table 1 below.

Table 1: Duplicate Device Measurements and Averages					
Location	Test 1 (pCi/L)	Test 2 (pCi/L)	Average (pCi/L)	Difference	RPD (%)
Pool. Office	2.9	2.5	2.7	0.4	15

Duplicates averaging between 2.0 pCi/L and 3.9 pCi/L reach the warning limit when RPD is between 50-67% and reach the control limit when RPD exceeds 67%.

Appendix B

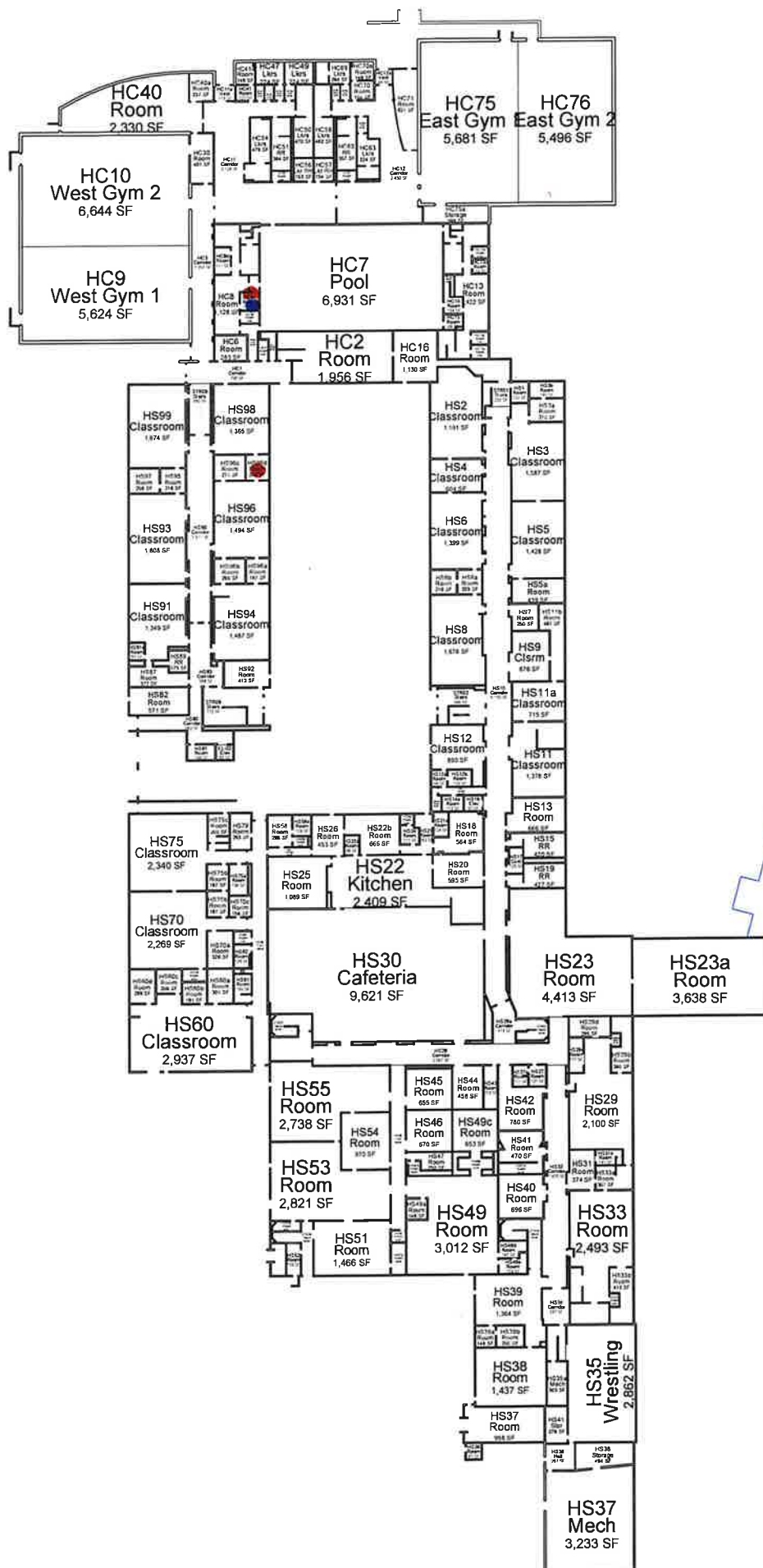
Maps



Columbia Heights HS

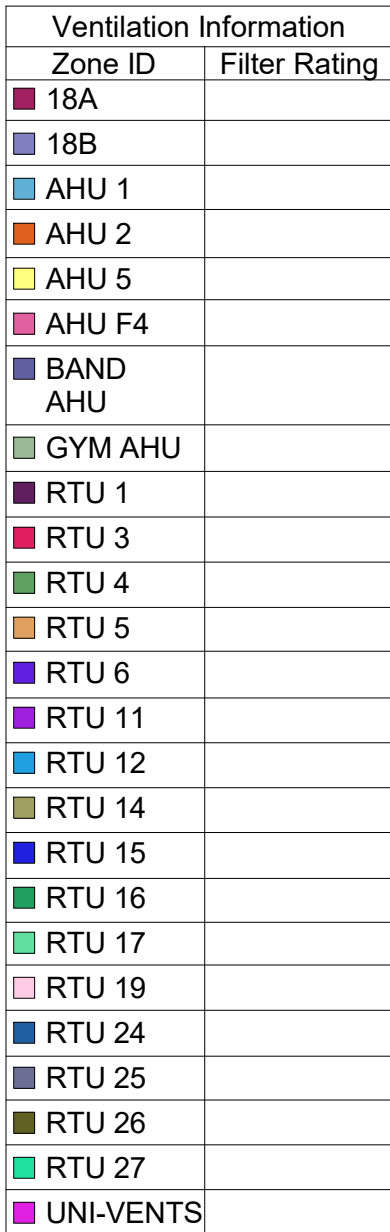
Lower Level Architect Room
Number & Name

Date: 12-2-2019





Date: 04/26/2023



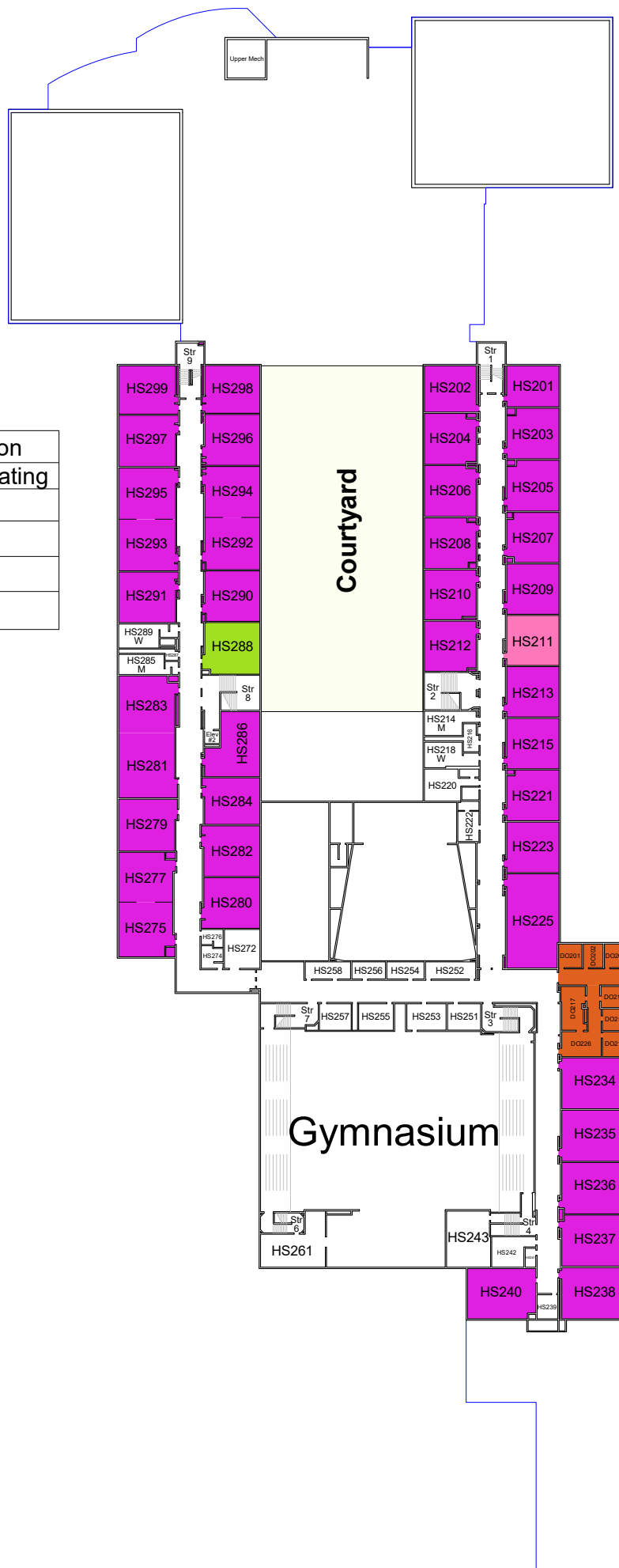


Columbia Heights HS

Upper Level HVAC Information

Date: 04/26/2023

Ventilation Information	
Zone ID	Filter Rating
AHU 2	
RTU 2	
RTU 13	
UNI-VENTS	





Columbia Heights HS

Lower Level HVAC Information

Date: 04/26/2023

Ventilation Information	
Zone ID	Filter Rating
AHU 1	
AHU 4	
AHU F1	
AHU F2	
AHU F3	
CAFE AHU	
KITCHEN AHU	
POOL AHU	
RTU 7	
RTU 8	
RTU 10	
RTU 20	
RTU 21	
RTU 22	
RTU 23	
RTU 28	
RTU 29	
RTU 31	
SHOP AHU	
TEAM LKRS AHU	
WOOD SHOP AHU	

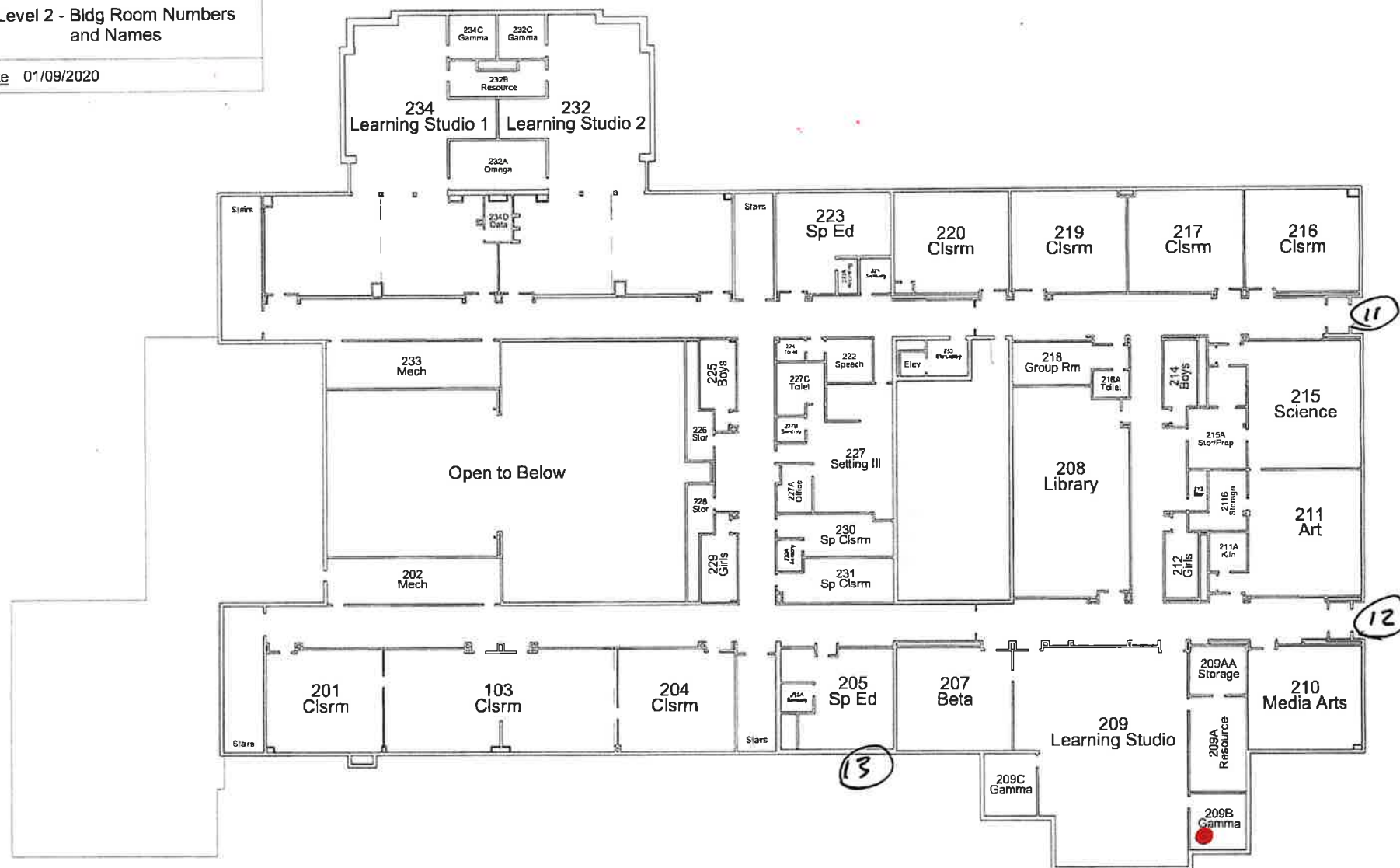


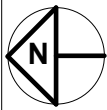


North Park Elementary

Level 2 - Bldg Room Numbers
and Names

Date 01/09/2020





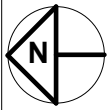
North Park Elementary

Level 1 - HVAC

Date 04/24/2023



Ventilation Information	
Zone ID	Filter Rating
AHU 3	
AHU 4	
CAFE EAST AHU	
CAFE WEST AHU	
GYM EAST AHU	
GYM WEST AHU	
KITCHEN	
RAHU 1	
RAHU 2	



North Park Elementary

Level 2 - HVAC

Date 04/24/2023

Ventilation Information	
Zone ID	Filter Rating
RAHU 1	
RTU 1	
RTU 2	
RTU 3	
RTU 5	
RTU 6	
UNI-VENTS	



Appendix C

Certified Radon Report:

Continuous Radon Monitor Hourly Data

Authorization Agreement & Confidentiality Waiver

Interpreting Test Results

and

Client Commitments, Advisories, and Authorizations



CERTIFIED RADON REPORT

March 18, 2026

Test Number: 2361-421

Property Inspected: 1400 49th Ave NE, Columbia Heights, MN 55421

Licensed Radalink Radon Inspector:
Institute for Environmental Assessment
Jeffrey Athmann
9201 West Broadway
#600
Brooklyn Park, MN 55445
Phone: 763-315-7900

Test performed for:
Columbia Heights Public

Fax:		Placed By:	Nathan Doeringsfeld (MN RMEA-00626)	Temp.	Pressure	R.H.
Calibrated:	03/02/2026 - 03/02/2027	Retrieved By:	Sashya Wandmaker (MN RMEA-00470)	Min:	73.0 29.6	8
Test Started:	03/16/2026 11:06 AM	Test Site:	HS96D	Avg:	74.5 29.8	12
Test Ended:	03/18/2026 12:12 PM	Test Duration:	49 hours	Max:	77.0 29.9	19

AVERAGE RADON CONCENTRATION:

1.6 pCi/l

Test has met minimum EPA sampling duration.

Uncertainty: $\pm 2.02\%$

	03/16/2026		03/17/2026		03/18/2026	
<u>Time</u>	<u>pCi/l</u>	<u>Flags</u>	<u>pCi/l</u>	<u>Flags</u>	<u>pCi/l</u>	<u>Flags</u>
00:06 am			0.4		5.6	
01:06			0.4		6.5	
02:06			0.7		5.4	
03:06			0.5		4.2	
04:06			0.4		6.8	
05:06			1.4		9.5	
06:06			0.8		7.4	
07:06			1.1		3.7	
08:06			0.5		1.6	
09:06			0.3		1.2	
10:06			0.5		0.5	
11:06			0.2		0.4	
12:06 pm	1.0		0.1		0.2	
01:06	0.8		0.6			
02:06	0.4		0.1			
03:06	0.2		0.2			
04:06	0.4		0.3			
05:06	0.2		0.5			
06:06	0.3		0.3			
07:06	0.1		0.9			
08:06	0.2		1.5			
09:06	0.3		2.9			
10:06	0.3		3.3			
11:06	0.2		3.0			

Flags: P= AC Power Disruption; T=Tilt
Eq. = Equilization Period

While every effort was made to maintain optimum quality control and EPA Protocol during the testing period, neither Radalink, Inc. or its licensed agents provide any warranty, expressed or implied, for the consequences of erroneous test results. There can be some uncertainty with any measurement due to statistical variations, extreme weather changes, operation of the building, and other factors, Radalink, Inc. and its licensed operators shall not be liable under any charge or claim for losses, claims, charges, fees, demands, expenses, or damages resulting from a radon test. This report is subject to the terms on the last page of the document.

ENVIRONMENTAL DATA

MONITOR-TEST NUMBER: 2361-421

Property Inspected: 1400 49th Ave NE
Columbia Heights, MN 55421

	03/16/2026			03/17/2026			03/18/2026		
Time	Temp	InHg	RH	Temp	InHg	RH	Temp	InHg	RH
00:06 am				75.0	29.8	12	73.0	29.6	12
01:06				75.0	29.9	12	73.0	29.6	12
02:06				75.0	29.9	12	75.0	29.6	12
03:06				75.0	29.9	12	73.0	29.6	12
04:06				75.0	29.9	12	75.0	29.6	12
05:06				73.0	29.9	12	75.0	29.6	12
06:06				73.0	29.9	12	75.0	29.6	16
07:06				73.0	29.9	12	75.0	29.6	16
08:06				73.0	29.9	8	75.0	29.6	16
09:06				73.0	29.9	8	75.0	29.6	16
10:06				73.0	29.9	8	77.0	29.7	16
11:06				75.0	29.9	8	77.0	29.7	16
12:06 pm	71.0	29.8	19	75.0	29.8	8	77.0	29.7	16
01:06	73.0	29.8	19	75.0	29.8	8			
02:06	73.0	29.8	16	75.0	29.8	8			
03:06	75.0	29.8	16	75.0	29.7	8			
04:06	75.0	29.8	12	75.0	29.7	8			
05:06	75.0	29.8	12	75.0	29.7	8			
06:06	75.0	29.8	12	75.0	29.7	8			
07:06	75.0	29.8	12	75.0	29.7	8			
08:06	75.0	29.8	12	75.0	29.7	12			
09:06	75.0	29.8	12	73.0	29.7	12			
10:06	75.0	29.8	12	73.0	29.7	12			
11:06	75.0	29.8	12	73.0	29.7	12			

AVERAGE RADON CONCENTRATION: 1.6 pCi/l



Reviewed and certified by

Terry Howell

Terry Howell, Quality Assurance Mgr.
Radalink, Inc. NRPP 135791T

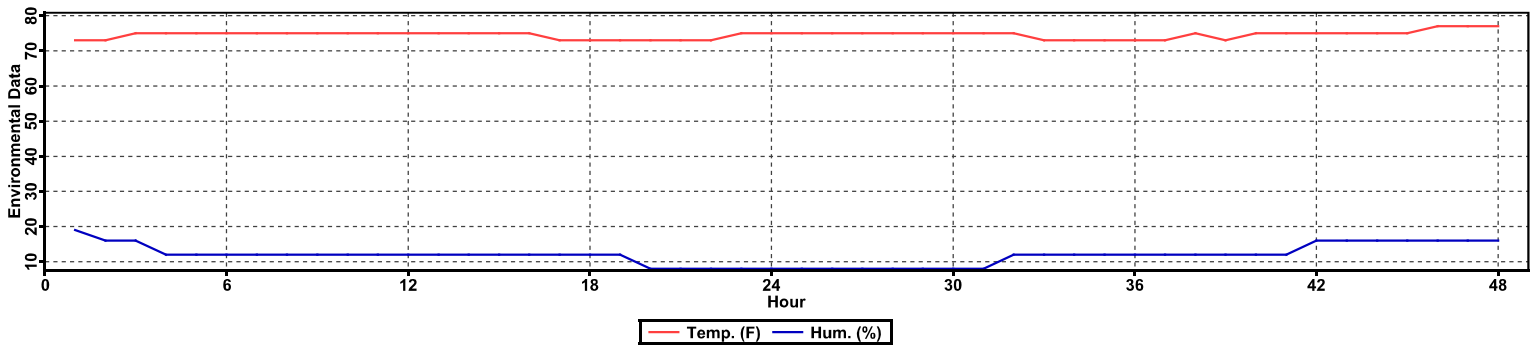
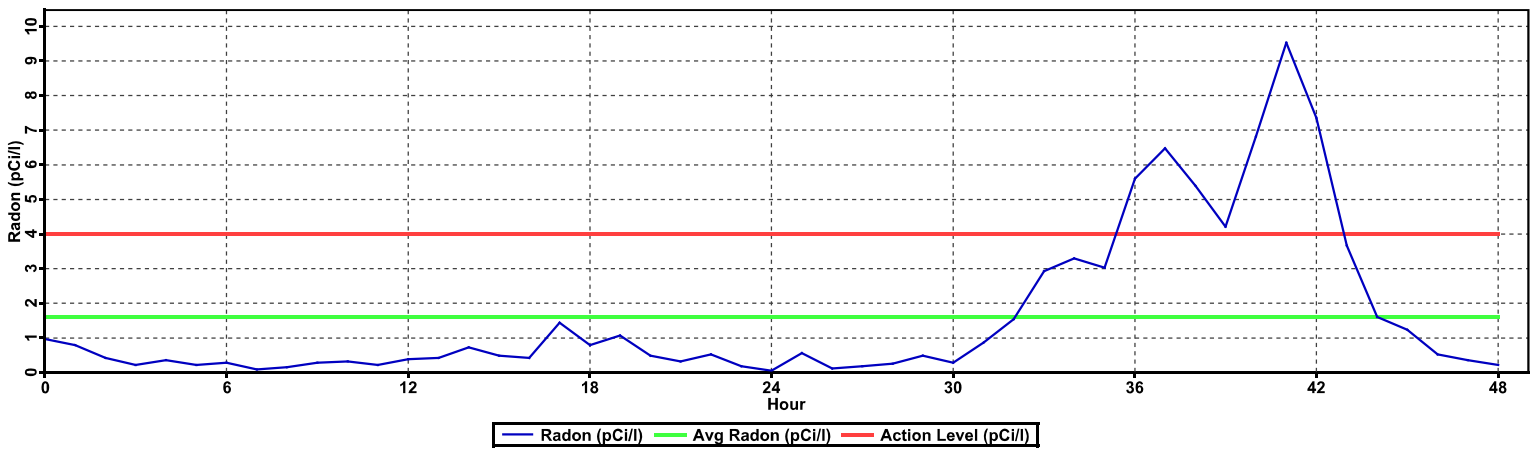
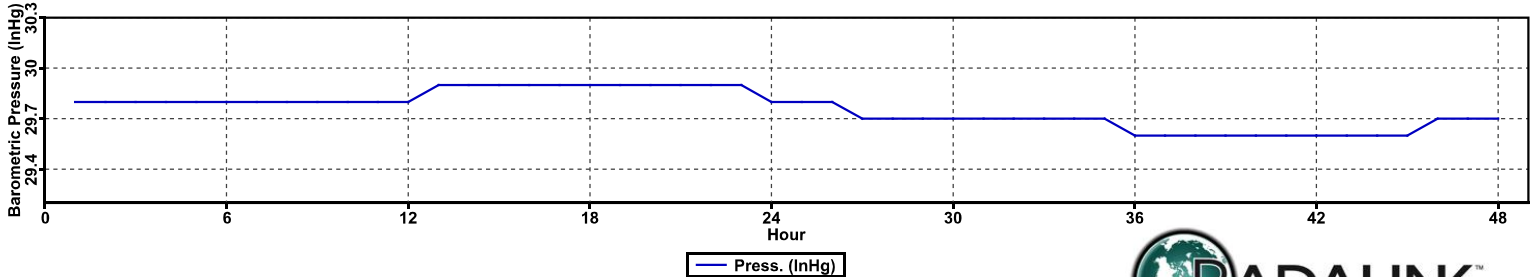
	Minimum	Average	Maximum	Variance
Temperature:	73.0	74.5	77.0	1.21
Barometric Pressure:	29.6	29.8	29.9	0.01
Relative Humidity:	8	12	19	8.01

NOTE: The first hour's environmental data is excluded from the table above.

Radalink, Inc. 5599 Peachtree Road Atlanta, GA 30341 Phone: (800)295-4655

GRAPHICAL DATA VIEW

MONITOR-TEST NUMBER: 2361-421



Property Inspected: 1400 49th Ave NE, Columbia Heights, MN 55421
AVERAGE RADON CONCENTRATION: 1.6 pCi/l

NOTICE OF INSPECTION FOR ALL FACILITATING STAFF

A radon test is scheduled for:

Building: Columbia Heights High School

Test Start Date: 03-16-2026

Test End Date: 03-18-2026

Please help to maintain the required test conditions throughout the building

1. All windows and exterior doors must be kept closed (aside from momentary entry or exit) for 12 hours before and during the test.
2. Heating and cooling systems must be set to normal occupied operating temperatures.
3. Test devices are not to be disturbed.

Further guidance on required building conditions are located on the next page.

Test devices are not dangerous in any way. The type of devices used for this testing will include:

Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.

Continuous radon monitors. These are electronic devices that record hourly radon readings.

Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.

Declaration of Observed Compliance

Failure to reasonably maintain test conditions can lead to unnecessary expense, disruptions and unreliable data.

Disturbing test devices can also cause unreliable or invalid test results.

- Please report in a timely manner if required test conditions are not maintained.
- Please sign and return this form once the test is complete.

To the best of my knowledge, the required conditions were maintained during the test.

Yes

Name:

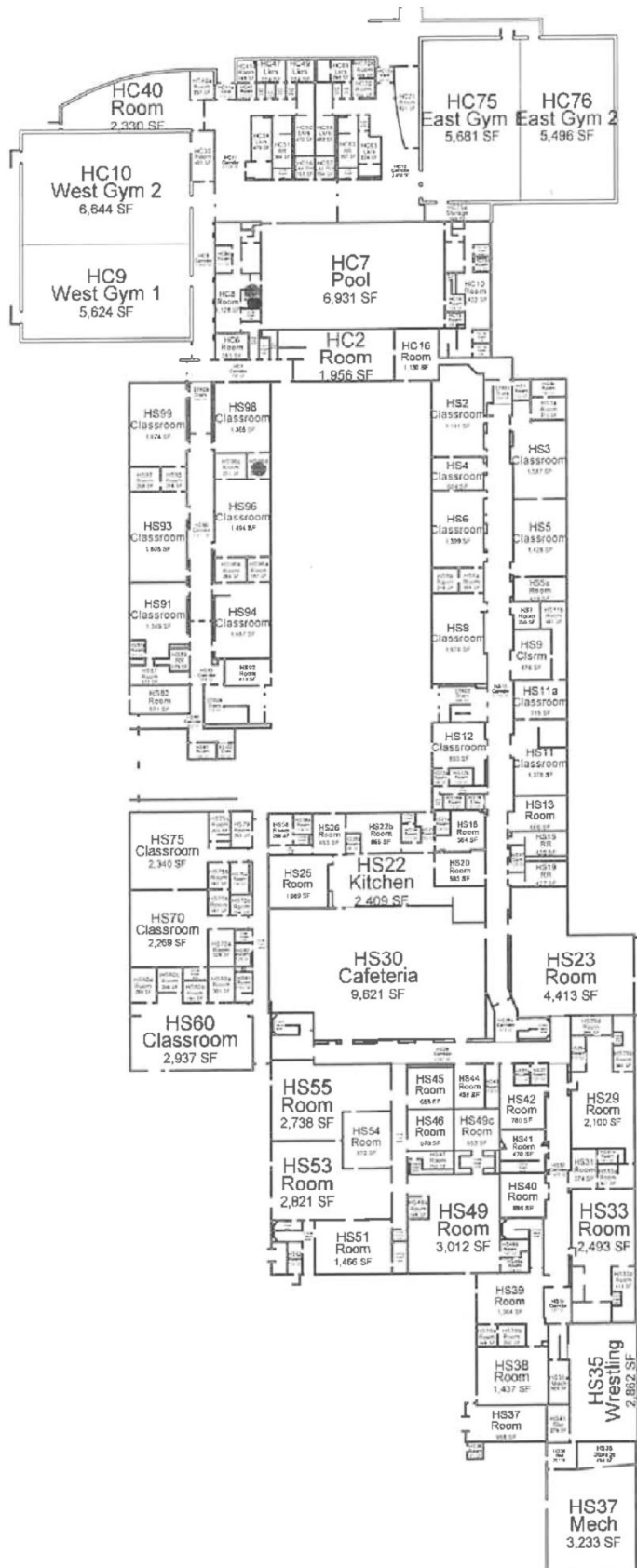
Barb Terrell

Signature:



Licensed Measurement Professional:

Nate Doeringsfeld RMEA-00626






Columbia Heights HS
 Lower Level Architect Room
 Number & Name
 Date: 12-2-2019

HOW TO INTERPRET YOUR TEST RESULTS

THIS REPORT RELATES ONLY TO THE LOCATION(S) TESTED DURING THE MEASUREMENT PERIOD

These results should be interpreted in accordance with the EPA's guidance as published in EPA Publication No. 402-K-008 "Home Buyer's and Seller's Guide to Radon" and EPA Publication No. 402-K92-001, "Citizen's Guide to Radon".

Because radon is the second leading cause of lung cancer, the World Health Organization (WHO) and the U.S. Surgeon General recommend testing all homes for radon and mitigating those with an average concentration above the U.S. EPA action level of 4 picocuries per Liter (4 pCi/L) or higher. Even if your test result is below 4 pCi/L, mitigation may provide additional reduction of the risk of lung cancer. Find more information at [Radalink.com/results](https://radalink.com/results).

The Radalink AirCat® Monitor (NRPP Device # 00477, NRSB Device # 31815) used to perform this test is EPA, NRSB and/or NRPP approved and meets the Single Test Option requirements (EPA 402-R-93-003, Section 3.2.3) and continuous monitor time-sensitive testing (ANSI/AARST MAH 2023, Section 5.2) for conducting radon measurements and may be used for determining the necessity for radon mitigation.

Radon reduction systems work! Professionally installed radon mitigation systems can reduce the radon levels in your home by up to 99%. Thousands of people have reduced radon levels in their homes. Maintaining a radon reduction system takes little effort to keep the system working properly and the radon levels low. EPA recommends that you have a qualified contractor (NRPP, NRSB certified or state licensed) fix your home if radon levels are confirmed to be 4 pCi/L or higher. Find a licensed mitigator at [Radalink.com/mitigators](https://radalink.com/mitigators). For more information on how to reduce your radon health risk, contact your state radon office:

Alabama	800-582-1866	Illinois	217-782-1325	Montana	800-546-0483	Rhode Island	401-222-7796
Alaska	800-478-8324	Indiana	800-272-9723	Nebraska	402-471-1005	South Carolina	803-898-3432
Arizona	602-255-4845	Iowa	800-383-5992	Nevada	775-336-0252	South Dakota	605-773-6038
Arkansas	501-661-2301	Kansas	800-693-5343	New Hampshire	603-271-1708	Tennessee	800-232-1139
California	800-745-7236	Kentucky	502-564-4856	New Jersey	609-984-5425	Texas	512-834-6688
Colorado	800-846-3986	Louisiana	225-765-0160	New Mexico	505-476-8600	Utah	800-458-0145
Connecticut	860-509-7300	Maine	207-287-5743	New York	800-458-1158	Vermont	800-439-8550
Delaware	302-744-4546	Maryland	866-703-3266	North Carolina	828-712-0972	Virginia	804-864-8161
Washington DC	202-535-2999	Massachusetts	800-723-6695	North Dakota	701-328-5188	Washington	360-236-3200
Florida	800-543-8279	Michigan	517-388-6913	Ohio	800-523-4439	West Virginia	304-352-4992
Georgia	706-583-0602	Minnesota	800-798-9050	Oklahoma	405-702-5162	Wisconsin	888-569-7236
Hawaii	808-586-4700	Mississippi	800-626-7739	Oregon	971-673-0440	Wyoming	307-777-6015
Idaho	800-445-8647	Missouri	866-628-9891	Pennsylvania	800-237-2366		

USEPA Radon Program website: www.epa.gov/radon and radon hotline 800-767-7236

SURGEON GENERAL HEALTH ADVISORY: "Indoor radon is the second-leading cause of lung cancer in the U.S. and breathing it over prolonged periods can present a significant health risk to families all over the country. More than 20,000 Americans die of radon-related lung cancer every year. It's important to know that this threat is completely preventable. Radon can be detected with a simple test and fixed through well-established venting techniques."

CONSUMER FEDERATION OF AMERICA: "Consumers need to know about the health of a house they are considering purchasing, including whether there is a radon problem, and if so, how to fix it." *The EPA Home Buyer's and Sellers Guide to Radon* provides practical consumer information that every homebuyer needs to know.

FLORIDA NOTICE TO CLIENTS: An organization or individual certified by the Florida Dept. of Health to perform radon or radon progeny measurements or radon mitigation services provides this Notice to you. Any questions, comments, or complaints regarding the persons performing these measurement or mitigation services may be directed to the Florida Dept. of Health, Bureau of Facility Programs, Radon Indoor Air Quality, 4052 Bald Cypress Way, Bin #A08, Tallahassee, Florida 32399-1710.

Florida Dept. of Health contact: 800-543-8279

MAINE NOTICE TO CLIENTS: As per 22 MRSA, Sec. 771, results of this test will be reported to the Maine Dept. of Health and Human Services. Any questions, comments, or complaints concerning individuals or firms providing radon related services in Maine should be directed to: Radiation Control Program 11 State House Station Augusta, ME 04333-0010

Maine Dept. of Health contact: 207-287-5743

PENNSYLVANIA NOTICE TO CLIENTS: The Radon Certification Act requires that anyone who provides radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services or products offered. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments or complaints concerning persons who provide radon-related services, please contact the Department at the Bureau of Radiation Protection, Dept. Of Environmental Protection, P.O. Box 8469, Harrisburg, PA 17105-8469.

Department at the Bureau of Radiation Protection: 717-783-3594

RHODE ISLAND NOTICE TO CLIENTS: This notice is provided to you by an organization or individual licenses and/or certified by the Rhode Island Dept. of Health to perform radon measurements. Any questions, comments, or complaints regarding the person performing these measurements may be directed to the RI Dept. of Health, Radon Control Program, 3 Capitol Hill Room 206, Providence RI 02908-5097

Rhode Island Dept. of Health contact: 401-222-7796



CERTIFIED RADON REPORT

March 18, 2026

Test Number: 2604-322

Property Inspected: 1400 49th Ave NE, Columbia Heights, MN 55421

Licensed Radalink Radon Inspector:
Institute for Environmental Assessment
Jeffrey Athmann
9201 West Broadway
#600
Brooklyn Park, MN 55445
Phone: 763-315-7900

Test performed for:
Columbia Heights Public

Fax:		Placed By:	Nathan Doeringsfeld (MN RMEA-00626)	Temp.	Pressure	R.H.
Calibrated:	03/02/2026 - 03/02/2027	Retrieved By:	Sashya Wandmaker (MN RMEA-00470)	Min:	82.0 29.5	16
Test Started:	03/16/2026 11:19 AM	Test Site:	Pool office	Avg:	82.9 29.7	22
Test Ended:	03/18/2026 12:19 PM	Test Duration:	48 hours	Max:	84.0 29.9	34

AVERAGE RADON CONCENTRATION: 2.9 pCi/l

Test has met minimum EPA sampling duration.

Uncertainty: $\pm 1.82\%$

	03/16/2026		03/17/2026		03/18/2026	
Time	pCi/l	Flags	pCi/l	Flags	pCi/l	Flags
00:19 am			0.4		7.7	
01:19			0.3		12.3	
02:19			0.2		9.4	
03:19			0.1		11.9	
04:19			0.5		12.7	
05:19			0.4		10.8	
06:19			0.0		11.0	
07:19			1.2		8.8	
08:19			0.2		6.1	
09:19			1.1		4.9	
10:19			0.6		1.9	
11:19			1.0		2.5	
12:19 pm	1.5		0.5			
01:19	0.6		0.8			
02:19	0.1		0.3			
03:19	0.2		1.0			
04:19	0.2		2.3			
05:19	0.1		1.9			
06:19	0.2		2.5			
07:19	0.1		1.4			
08:19	0.2		1.2			
09:19	0.3		2.5			
10:19	0.6		4.7			
11:19	0.6		7.3			

Flags: P= AC Power Disruption; T=Tilt
Eq. = Equilization Period

While every effort was made to maintain optimum quality control and EPA Protocol during the testing period, neither Radalink, Inc. or its licensed agents provide any warranty, expressed or implied, for the consequences of erroneous test results. There can be some uncertainty with any measurement due to statistical variations, extreme weather changes, operation of the building, and other factors, Radalink, Inc. and its licensed operators shall not be liable under any charge or claim for losses, claims, charges, fees, demands, expenses, or damages resulting from a radon test. This report is subject to the terms on the last page of the document.

ENVIRONMENTAL DATA

MONITOR-TEST NUMBER: 2604-322

Property Inspected: 1400 49th Ave NE
Columbia Heights, MN 55421

	03/16/2026			03/17/2026			03/18/2026		
Time	Temp	InHg	RH	Temp	InHg	RH	Temp	InHg	RH
00:19 am				82.0	29.8	16	84.0	29.6	19
01:19				82.0	29.9	16	82.0	29.6	19
02:19				82.0	29.9	16	82.0	29.6	19
03:19				82.0	29.9	16	82.0	29.5	19
04:19				82.0	29.9	16	82.0	29.5	19
05:19				82.0	29.9	16	82.0	29.5	19
06:19				82.0	29.9	16	82.0	29.6	16
07:19				82.0	29.8	16	82.0	29.6	16
08:19				82.0	29.8	16	82.0	29.6	19
09:19				82.0	29.8	19	82.0	29.6	23
10:19				82.0	29.8	23	82.0	29.6	19
11:19				82.0	29.8	23	84.0	29.6	23
12:19 pm	80.0	29.8	26	82.0	29.8	27			
01:19	84.0	29.8	23	82.0	29.8	26			
02:19	84.0	29.8	23	82.0	29.7	30			
03:19	84.0	29.8	27	84.0	29.7	34			
04:19	84.0	29.8	26	84.0	29.7	30			
05:19	84.0	29.8	27	84.0	29.7	27			
06:19	84.0	29.8	23	84.0	29.7	30			
07:19	84.0	29.8	26	84.0	29.7	30			
08:19	84.0	29.8	26	84.0	29.7	34			
09:19	84.0	29.8	27	84.0	29.6	23			
10:19	82.0	29.8	19	84.0	29.6	23			
11:19	82.0	29.8	19	84.0	29.6	19			

AVERAGE RADON CONCENTRATION: 2.9 pCi/l



Reviewed and certified by

Terry Howell

Terry Howell, Quality Assurance Mgr.
Radalink, Inc. NRPP 135791T

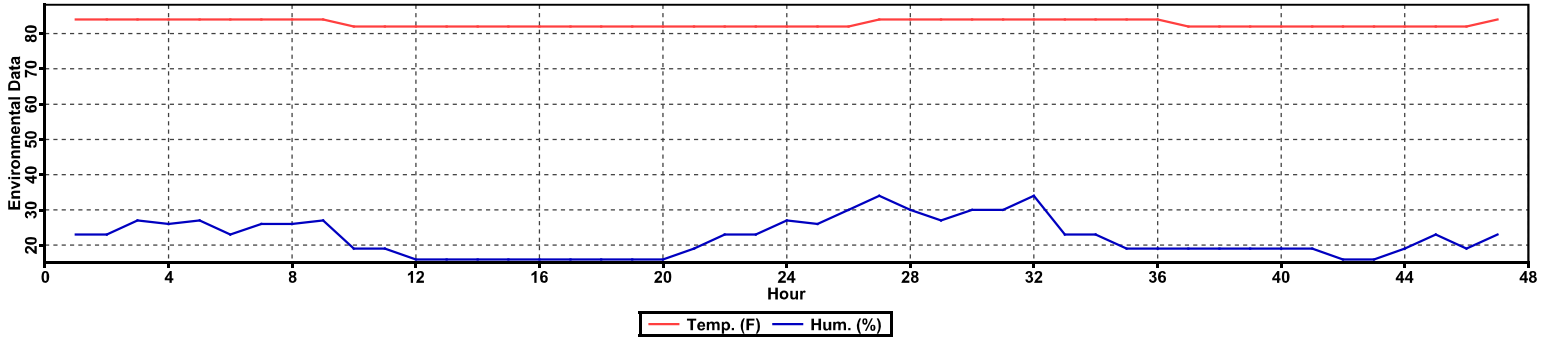
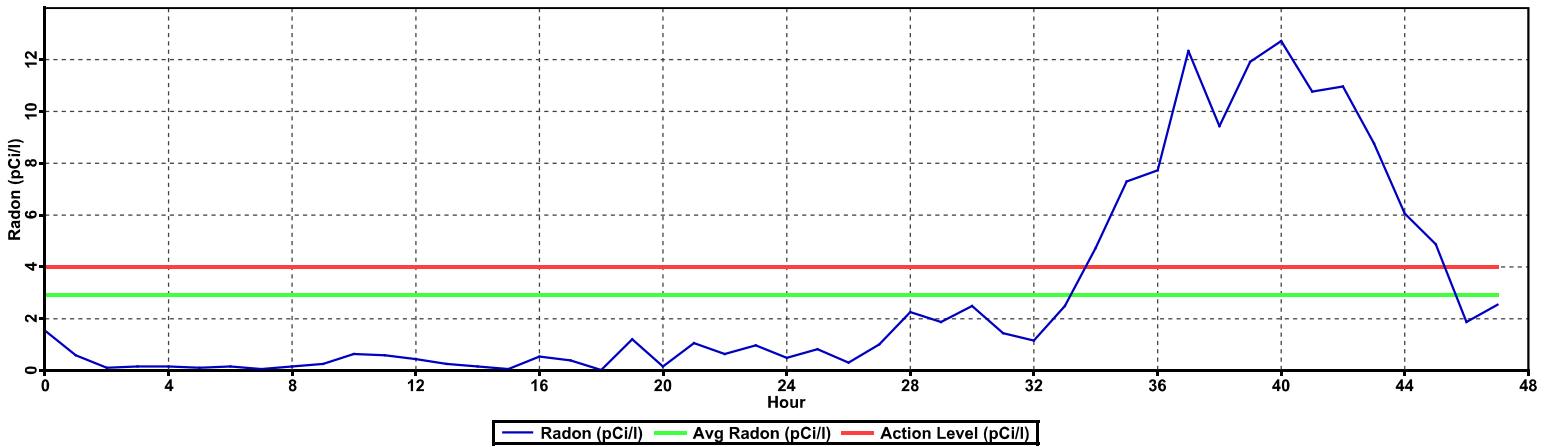
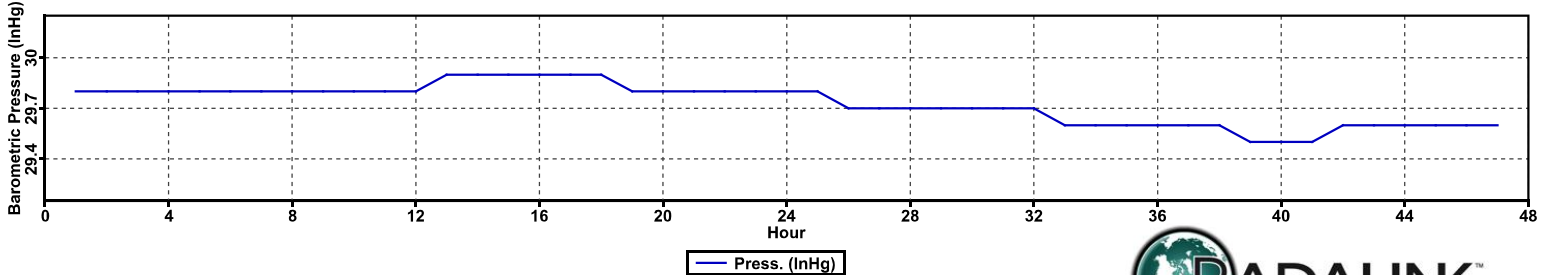
	Minimum	Average	Maximum	Variance
Temperature:	82.0	82.9	84.0	0.98
Barometric Pressure:	29.5	29.7	29.9	0.01
Relative Humidity:	16	22	34	26.5

NOTE: The first hour's environmental data is excluded from the table above.

Radalink, Inc. 5599 Peachtree Road Atlanta, GA 30341 Phone: (800)295-4655

GRAPHICAL DATA VIEW

MONITOR-TEST NUMBER: 2604-322



Property Inspected: 1400 49th Ave NE, Columbia Heights, MN 55421
AVERAGE RADON CONCENTRATION: 2.9 pCi/l

NOTICE OF INSPECTION FOR ALL FACILITATING STAFF

A radon test is scheduled for:

Building: Columbia Heights High School

Test Start Date: 03-16-2026

Test End Date: 03-18-2026

Please help to maintain the required test conditions throughout the building

1. All windows and exterior doors must be kept closed (aside from momentary entry or exit) for 12 hours before and during the test.
2. Heating and cooling systems must be set to normal occupied operating temperatures.
3. Test devices are not to be disturbed.

Further guidance on required building conditions are located on the next page.

Test devices are not dangerous in any way. The type of devices used for this testing will include:

Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.

Continuous radon monitors. These are electronic devices that record hourly radon readings.

Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.

Declaration of Observed Compliance

Failure to reasonably maintain test conditions can lead to unnecessary expense, disruptions and unreliable data.

Disturbing test devices can also cause unreliable or invalid test results.

- Please report in a timely manner if required test conditions are not maintained.
- Please sign and return this form once the test is complete.

To the best of my knowledge, the required conditions were maintained during the test.

Yes

Name:

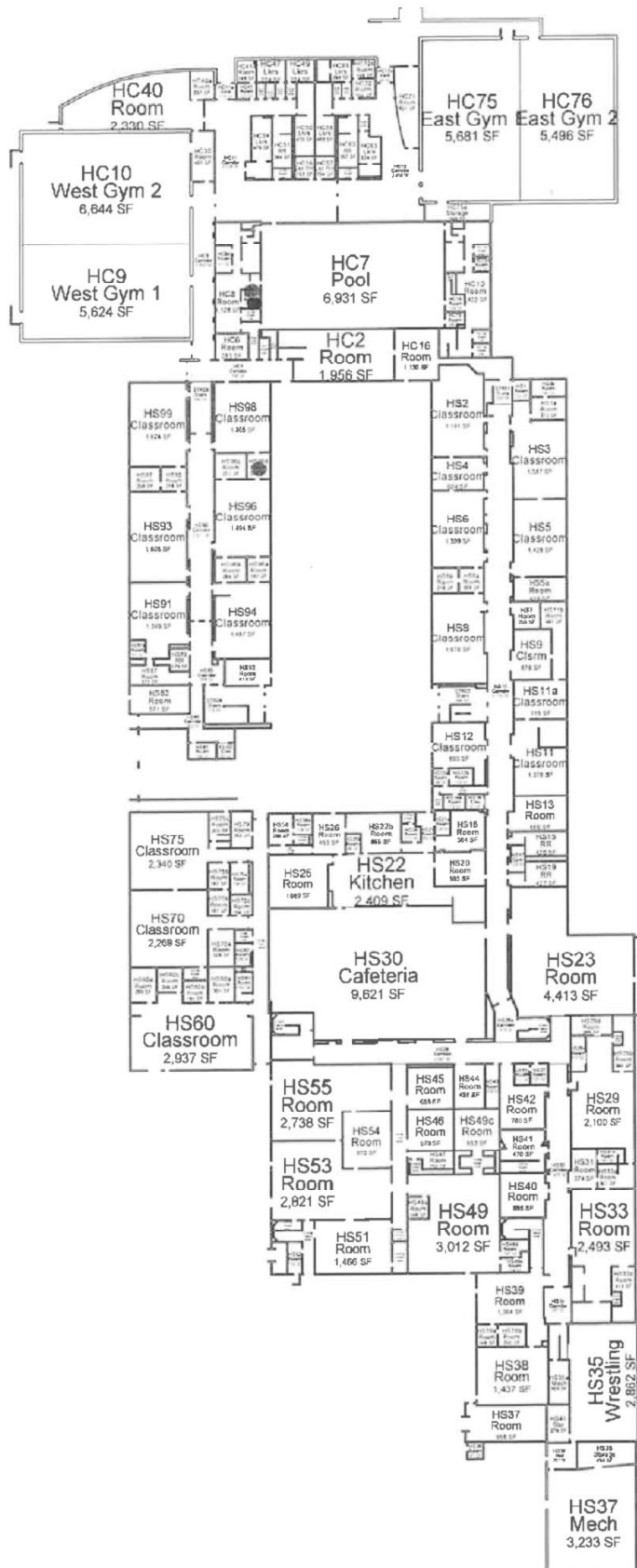
Barb Terrell

Signature:



Licensed Measurement Professional:

Nate Doeringsfeld RMEA-00626






Columbia Heights HS
 Lower Level Architect Room
 Number & Name
 Date: 12-2-2019

HOW TO INTERPRET YOUR TEST RESULTS

THIS REPORT RELATES ONLY TO THE LOCATION(S) TESTED DURING THE MEASUREMENT PERIOD

These results should be interpreted in accordance with the EPA's guidance as published in EPA Publication No. 402-K-008 "Home Buyer's and Seller's Guide to Radon" and EPA Publication No. 402-K92-001, "Citizen's Guide to Radon".

Because radon is the second leading cause of lung cancer, the World Health Organization (WHO) and the U.S. Surgeon General recommend testing all homes for radon and mitigating those with an average concentration above the U.S. EPA action level of 4 picocuries per Liter (4 pCi/L) or higher. Even if your test result is below 4 pCi/L, mitigation may provide additional reduction of the risk of lung cancer. Find more information at [Radalink.com/results](https://radalink.com/results).

The Radalink AirCat® Monitor (NRPP Device # 00477, NRSB Device # 31815) used to perform this test is EPA, NRSB and/or NRPP approved and meets the Single Test Option requirements (EPA 402-R-93-003, Section 3.2.3) and continuous monitor time-sensitive testing (ANSI/AARST MAH 2023, Section 5.2) for conducting radon measurements and may be used for determining the necessity for radon mitigation.

Radon reduction systems work! Professionally installed radon mitigation systems can reduce the radon levels in your home by up to 99%. Thousands of people have reduced radon levels in their homes. Maintaining a radon reduction system takes little effort to keep the system working properly and the radon levels low. EPA recommends that you have a qualified contractor (NRPP, NRSB certified or state licensed) fix your home if radon levels are confirmed to be 4 pCi/L or higher. Find a licensed mitigator at [Radalink.com/mitigators](https://radalink.com/mitigators). For more information on how to reduce your radon health risk, contact your state radon office:

Alabama	800-582-1866	Illinois	217-782-1325	Montana	800-546-0483	Rhode Island	401-222-7796
Alaska	800-478-8324	Indiana	800-272-9723	Nebraska	402-471-1005	South Carolina	803-898-3432
Arizona	602-255-4845	Iowa	800-383-5992	Nevada	775-336-0252	South Dakota	605-773-6038
Arkansas	501-661-2301	Kansas	800-693-5343	New Hampshire	603-271-1708	Tennessee	800-232-1139
California	800-745-7236	Kentucky	502-564-4856	New Jersey	609-984-5425	Texas	512-834-6688
Colorado	800-846-3986	Louisiana	225-765-0160	New Mexico	505-476-8600	Utah	800-458-0145
Connecticut	860-509-7300	Maine	207-287-5743	New York	800-458-1158	Vermont	800-439-8550
Delaware	302-744-4546	Maryland	866-703-3266	North Carolina	828-712-0972	Virginia	804-864-8161
Washington DC	202-535-2999	Massachusetts	800-723-6695	North Dakota	701-328-5188	Washington	360-236-3200
Florida	800-543-8279	Michigan	517-388-6913	Ohio	800-523-4439	West Virginia	304-352-4992
Georgia	706-583-0602	Minnesota	800-798-9050	Oklahoma	405-702-5162	Wisconsin	888-569-7236
Hawaii	808-586-4700	Mississippi	800-626-7739	Oregon	971-673-0440	Wyoming	307-777-6015
Idaho	800-445-8647	Missouri	866-628-9891	Pennsylvania	800-237-2366		

USEPA Radon Program website: www.epa.gov/radon and radon hotline 800-767-7236

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Florida Dept. of Health contact: 800-543-8279

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Department at the Bureau of Radiation Protection: 717-783-3594

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Rhode Island Dept. of Health contact: 401-222-7796



CERTIFIED RADON REPORT

March 18, 2026

Test Number: 2444-347

Property Inspected: 1400 49th Ave NE, Columbia Heights, MN 55421

Licensed Radalink Radon Inspector:
Institute for Environmental Assessment
Jeffrey Athmann
9201 West Broadway
#600
Brooklyn Park, MN 55445
Phone: 763-315-7900

Test performed for:
Columbia Heights Public

Fax:		Placed By:	Nathan Doeringsfeld (MN RMEA-00626)	Temp.	Pressure	R.H.
Calibrated:	03/02/2026 - 03/02/2027	Retrieved By:	Sashya Wandmaker (MN RMEA-00470)	Min:	82.0 29.6	16
Test Started:	03/16/2026 11:17 AM	Test Site:	Pool office	Avg:	82.3 29.8	24
Test Ended:	03/18/2026 12:17 PM	Test Duration:	49 hours	Max:	84.0 29.9	34

AVERAGE RADON CONCENTRATION: 2.5 pCi/l

Test has met minimum EPA sampling duration.

Uncertainty: $\pm 1.63\%$

Time	03/16/2026		03/17/2026		03/18/2026	
	pCi/l	Flags	pCi/l	Flags	pCi/l	Flags
00:17 am			0.6		8.0	
01:17			0.2		8.3	
02:17			0.2		9.0	
03:17			0.3		9.4	
04:17			0.1		11.1	
05:17			0.4		9.9	
06:17			0.3		10.7	
07:17			0.4		9.7	
08:17			0.3		5.6	
09:17			0.3		3.3	
10:17			0.1		2.7	
11:17			0.6		1.6	
12:17 pm	0.2		0.5		1.0	
01:17	0.8		0.4			
02:17	0.7		0.3			
03:17	0.1		0.8			
04:17	0.3		1.5			
05:17	0.0		2.2			
06:17	0.6		3.2			
07:17	0.2		1.0			
08:17	0.3		1.3			
09:17	0.5		2.9			
10:17	0.0		4.6			
11:17	0.0		5.7			

Flags: P= AC Power Disruption; T=Tilt
Eq. = Equilization Period

While every effort was made to maintain optimum quality control and EPA Protocol during the testing period, neither Radalink, Inc. or its licensed agents provide any warranty, expressed or implied, for the consequences of erroneous test results. There can be some uncertainty with any measurement due to statistical variations, extreme weather changes, operation of the building, and other factors, Radalink, Inc. and its licensed operators shall not be liable under any charge or claim for losses, claims, charges, fees, demands, expenses, or damages resulting from a radon test. This report is subject to the terms on the last page of the document.

ENVIRONMENTAL DATA

MONITOR-TEST NUMBER: 2444-347

Property Inspected: 1400 49th Ave NE
Columbia Heights, MN 55421

Time	03/16/2026			03/17/2026			03/18/2026		
	Temp	InHg	RH	Temp	InHg	RH	Temp	InHg	RH
00:17 am				82.0	29.8	19	82.0	29.6	23
01:17				82.0	29.9	19	82.0	29.6	23
02:17				82.0	29.9	19	82.0	29.6	23
03:17				82.0	29.9	19	82.0	29.6	19
04:17				82.0	29.9	19	82.0	29.6	19
05:17				82.0	29.9	19	82.0	29.6	19
06:17				82.0	29.9	19	82.0	29.6	19
07:17				82.0	29.9	16	82.0	29.6	19
08:17				82.0	29.9	16	82.0	29.6	23
09:17				82.0	29.8	23	82.0	29.6	23
10:17				82.0	29.9	23	82.0	29.7	23
11:17				82.0	29.9	27	82.0	29.7	23
12:17 pm	80.0	29.8	30	82.0	29.8	26	82.0	29.7	23
01:17	84.0	29.8	27	82.0	29.8	26			
02:17	82.0	29.8	27	82.0	29.8	30			
03:17	82.0	29.8	26	82.0	29.8	34			
04:17	82.0	29.8	30	82.0	29.7	30			
05:17	84.0	29.8	26	82.0	29.7	26			
06:17	84.0	29.8	27	84.0	29.7	30			
07:17	82.0	29.8	26	84.0	29.7	34			
08:17	82.0	29.8	26	84.0	29.7	34			
09:17	82.0	29.8	27	82.0	29.7	27			
10:17	82.0	29.8	23	82.0	29.7	23			
11:17	82.0	29.8	19	82.0	29.7	23			

AVERAGE RADON CONCENTRATION:

2.5 pCi/l



Reviewed and certified by

Terry Howell

Terry Howell, Quality Assurance Mgr.
Radalink, Inc. NRPP 135791T

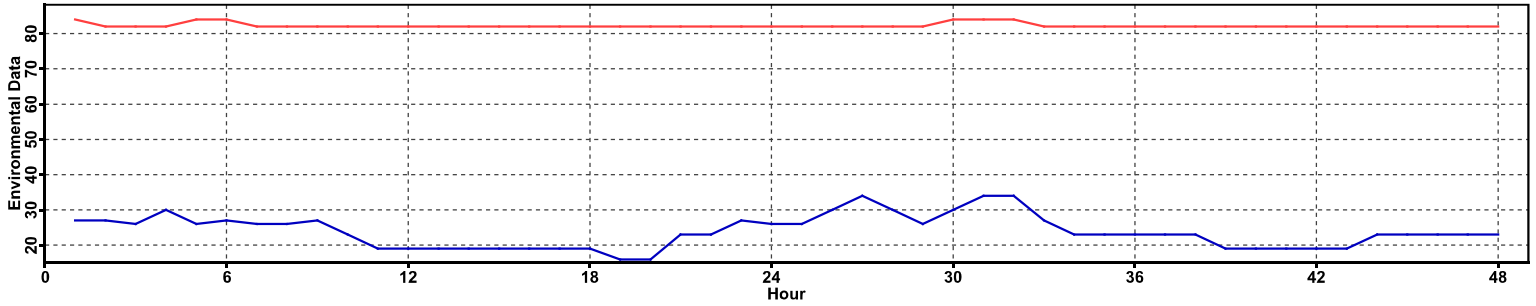
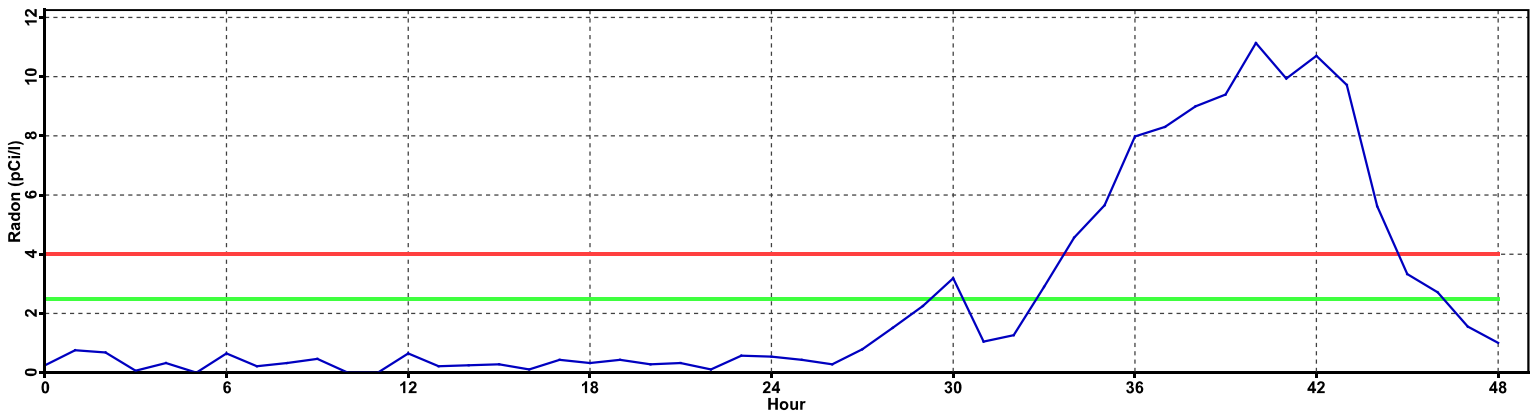
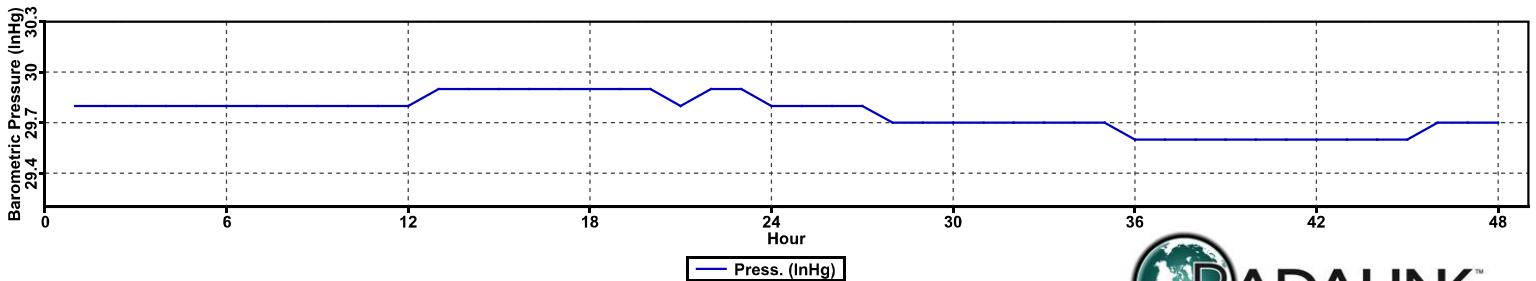
	Minimum	Average	Maximum	Variance
Temperature:	82.0	82.3	84.0	0.44
Barometric Pressure:	29.6	29.8	29.9	0.01
Relative Humidity:	16	24	34	20.64

NOTE: The first hour's environmental data is excluded from the table above.

Radalink, Inc. 5599 Peachtree Road Atlanta, GA 30341 Phone: (800)295-4655

GRAPHICAL DATA VIEW

MONITOR-TEST NUMBER: 2444-347



Property Inspected: 1400 49th Ave NE, Columbia Heights, MN 55421
AVERAGE RADON CONCENTRATION: 2.5 pCi/l

NOTICE OF INSPECTION FOR ALL FACILITATING STAFF

A radon test is scheduled for:

Building: Columbia Heights High School

Test Start Date: 03-16-2026

Test End Date: 03-18-2026

Please help to maintain the required test conditions throughout the building

1. All windows and exterior doors must be kept closed (aside from momentary entry or exit) for 12 hours before and during the test.
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3. Test devices are not to be disturbed.

Further guidance on required building conditions are located on the next page.

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Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.

Continuous radon monitors. These are electronic devices that record hourly radon readings.

Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.

Declaration of Observed Compliance

Failure to reasonably maintain test conditions can lead to unnecessary expense, disruptions and unreliable data.

Disturbing test devices can also cause unreliable or invalid test results.

- Please report in a timely manner if required test conditions are not maintained.
- Please sign and return this form once the test is complete.

To the best of my knowledge, the required conditions were maintained during the test.

Yes

Name:

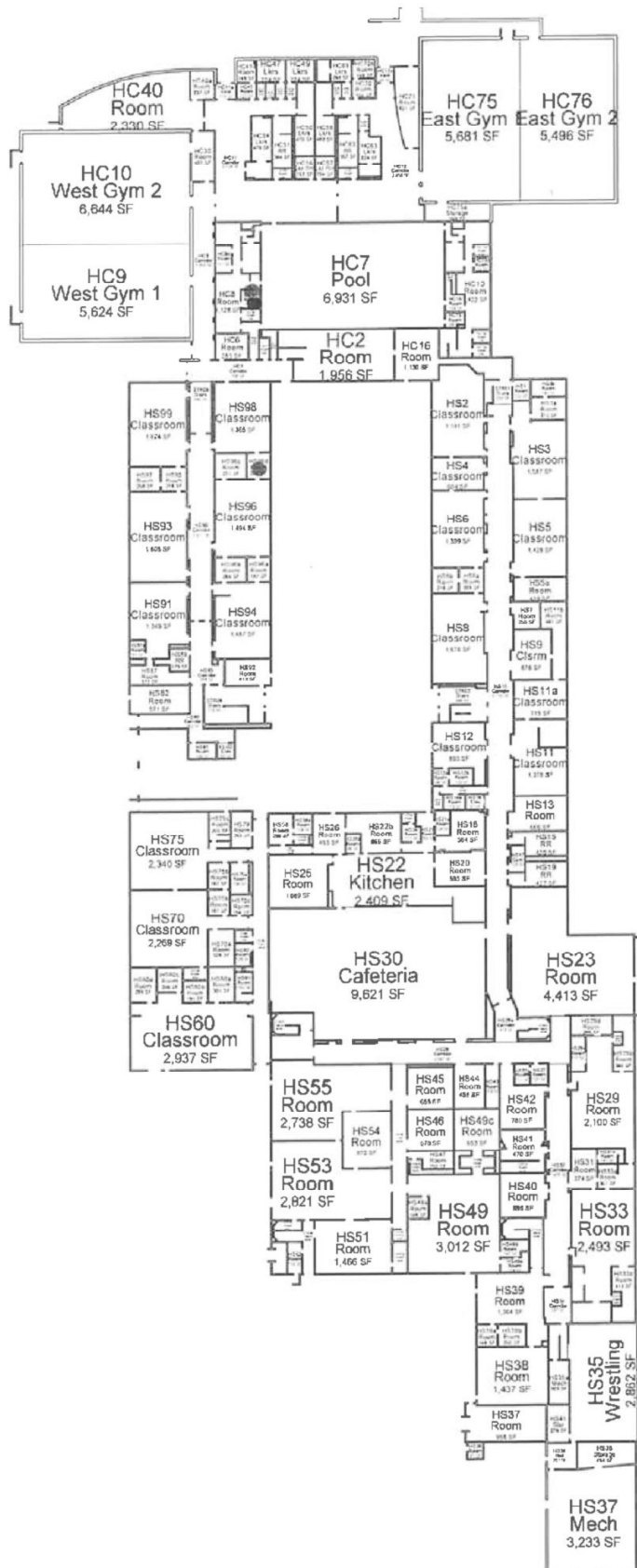
Barb Terrell

Signature:



Licensed Measurement Professional:

Nate Doeringsfeld RMEA-00626






Columbia Heights HS
 Lower Level Architect Room
 Number & Name
 Date: 12-2-2019

HOW TO INTERPRET YOUR TEST RESULTS

THIS REPORT RELATES ONLY TO THE LOCATION(S) TESTED DURING THE MEASUREMENT PERIOD

These results should be interpreted in accordance with the EPA's guidance as published in EPA Publication No. 402-K-008 "Home Buyer's and Seller's Guide to Radon" and EPA Publication No. 402-K92-001, "Citizen's Guide to Radon".

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The Radalink AirCat® Monitor (NRPP Device # 00477, NRSB Device # 31815) used to perform this test is EPA, NRSB and/or NRPP approved and meets the Single Test Option requirements (EPA 402-R-93-003, Section 3.2.3) and continuous monitor time-sensitive testing (ANSI/AARST MAH 2023, Section 5.2) for conducting radon measurements and may be used for determining the necessity for radon mitigation.

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Alabama	800-582-1866	Illinois	217-782-1325	Montana	800-546-0483	Rhode Island	401-222-7796
Alaska	800-478-8324	Indiana	800-272-9723	Nebraska	402-471-1005	South Carolina	803-898-3432
Arizona	602-255-4845	Iowa	800-383-5992	Nevada	775-336-0252	South Dakota	605-773-6038
Arkansas	501-661-2301	Kansas	800-693-5343	New Hampshire	603-271-1708	Tennessee	800-232-1139
California	800-745-7236	Kentucky	502-564-4856	New Jersey	609-984-5425	Texas	512-834-6688
Colorado	800-846-3986	Louisiana	225-765-0160	New Mexico	505-476-8600	Utah	800-458-0145
Connecticut	860-509-7300	Maine	207-287-5743	New York	800-458-1158	Vermont	800-439-8550
Delaware	302-744-4546	Maryland	866-703-3266	North Carolina	828-712-0972	Virginia	804-864-8161
Washington DC	202-535-2999	Massachusetts	800-723-6695	North Dakota	701-328-5188	Washington	360-236-3200
Florida	800-543-8279	Michigan	517-388-6913	Ohio	800-523-4439	West Virginia	304-352-4992
Georgia	706-583-0602	Minnesota	800-798-9050	Oklahoma	405-702-5162	Wisconsin	888-569-7236
Hawaii	808-586-4700	Mississippi	800-626-7739	Oregon	971-673-0440	Wyoming	307-777-6015
Idaho	800-445-8647	Missouri	866-628-9891	Pennsylvania	800-237-2366		

USEPA Radon Program website: www.epa.gov/radon and radon hotline 800-767-7236

SURGEON GENERAL HEALTH ADVISORY: "Indoor radon is the second-leading cause of lung cancer in the U.S. and breathing it over prolonged periods can present a significant health risk to families all over the country. More than 20,000 Americans die of radon-related lung cancer every year. It's important to know that this threat is completely preventable. Radon can be detected with a simple test and fixed through well-established venting techniques."

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Florida Dept. of Health contact: 800-543-8279

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Maine Dept. of Health contact: 207-287-5743

PENNSYLVANIA NOTICE TO CLIENTS: The Radon Certification Act requires that anyone who provides radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services or products offered. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments or complaints concerning persons who provide radon-related services, please contact the Department at the Bureau of Radiation Protection, Dept. Of Environmental Protection, P.O. Box 8469, Harrisburg, PA 17105-8469.

Department at the Bureau of Radiation Protection: 717-783-3594

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Rhode Island Dept. of Health contact: 401-222-7796



CERTIFIED RADON REPORT

March 18, 2026

Test Number: 2628-293

Property Inspected: 5575 Fillmore St NE, Fridley, MN 55432

Licensed Radalink Radon Inspector:
Institute for Environmental Assessment
Jeffrey Athmann
9201 West Broadway
#600
Brooklyn Park, MN 55445
Phone: 763-315-7900

Test performed for:
Columbia Heights Public

Fax:		Placed By:	Nathan Doeringsfeld (MN RMEA-00626)	Temp.	Pressure	R.H.
Calibrated:	03/02/2026 - 03/02/2027	Retrieved By:	Sashya Wandmaker (MN RMEA-00470)	Min:	66.0 29.6	16
Test Started:	03/16/2026 12:38 PM	Test Site:	209B	Avg:	70.9 29.8	20
Test Ended:	03/18/2026 12:43 PM	Test Duration:	48 hours	Max:	75.0 29.9	23

AVERAGE RADON CONCENTRATION:

3.1 pCi/l

Test has met minimum EPA sampling duration.

Uncertainty: $\pm 1.61\%$

	03/16/2026		03/17/2026		03/18/2026	
<u>Time</u>	<u>pCi/l</u>	<u>Flags</u>	<u>pCi/l</u>	<u>Flags</u>	<u>pCi/l</u>	<u>Flags</u>
00:38 am			3.1		9.8	
01:38			3.8		6.7	
02:38			2.6		8.1	
03:38			2.9		8.8	
04:38			3.1		8.3	
05:38			2.8		8.8	
06:38			1.0		9.6	
07:38			1.1		5.3	
08:38			1.3		1.8	
09:38			2.2		0.7	
10:38			0.3		1.5	
11:38			0.9		1.0	
12:38 pm			0.3		0.4	
01:38	1.5		0.1			
02:38	0.5		0.4			
03:38	0.8		0.0			
04:38	1.1		0.9			
05:38	0.2		1.6			
06:38	0.3		2.4			
07:38	1.0		6.6			
08:38	2.7		4.5			
09:38	2.4		5.1			
10:38	2.0		6.9			
11:38	2.2		8.2			

Flags: P= AC Power Disruption; T=Tilt
Eq. = Equilization Period

While every effort was made to maintain optimum quality control and EPA Protocol during the testing period, neither Radalink, Inc. or its licensed agents provide any warranty, expressed or implied, for the consequences of erroneous test results. There can be some uncertainty with any measurement due to statistical variations, extreme weather changes, operation of the building, and other factors, Radalink, Inc. and its licensed operators shall not be liable under any charge or claim for losses, claims, charges, fees, demands, expenses, or damages resulting from a radon test. This report is subject to the terms on the last page of the document.

ENVIRONMENTAL DATA

MONITOR-TEST NUMBER: 2628-293

Property Inspected: 5575 Fillmore St NE
Fridley, MN 55432

Time	03/16/2026			03/17/2026			03/18/2026		
	Temp	InHg	RH	Temp	InHg	RH	Temp	InHg	RH
00:38 am				68.0	29.8	23	68.0	29.6	19
01:38				68.0	29.9	23	68.0	29.6	19
02:38				68.0	29.9	23	68.0	29.6	19
03:38				68.0	29.9	23	68.0	29.6	19
04:38				68.0	29.9	23	68.0	29.6	19
05:38				66.0	29.9	23	68.0	29.6	19
06:38				69.0	29.9	23	69.0	29.6	23
07:38				71.0	29.9	19	71.0	29.6	19
08:38				73.0	29.9	19	73.0	29.6	19
09:38				73.0	29.9	19	73.0	29.7	19
10:38				75.0	29.9	16	73.0	29.7	19
11:38				75.0	29.9	16	75.0	29.7	23
12:38 pm				75.0	29.9	16	75.0	29.7	23
01:38	71.0	29.8	26	75.0	29.8	16			
02:38	75.0	29.8	23	75.0	29.8	16			
03:38	75.0	29.8	19	75.0	29.8	16			
04:38	75.0	29.8	19	73.0	29.7	16			
05:38	73.0	29.8	19	73.0	29.7	16			
06:38	71.0	29.8	19	71.0	29.7	16			
07:38	69.0	29.8	19	69.0	29.7	19			
08:38	69.0	29.8	19	69.0	29.7	19			
09:38	69.0	29.8	23	69.0	29.7	19			
10:38	68.0	29.8	23	69.0	29.7	19			
11:38	68.0	29.8	23	68.0	29.6	19			

AVERAGE RADON CONCENTRATION: 3.1 pCi/l



Reviewed and certified by

Terry Howell

Terry Howell, Quality Assurance Mgr.
Radalink, Inc. NRPP 135791T

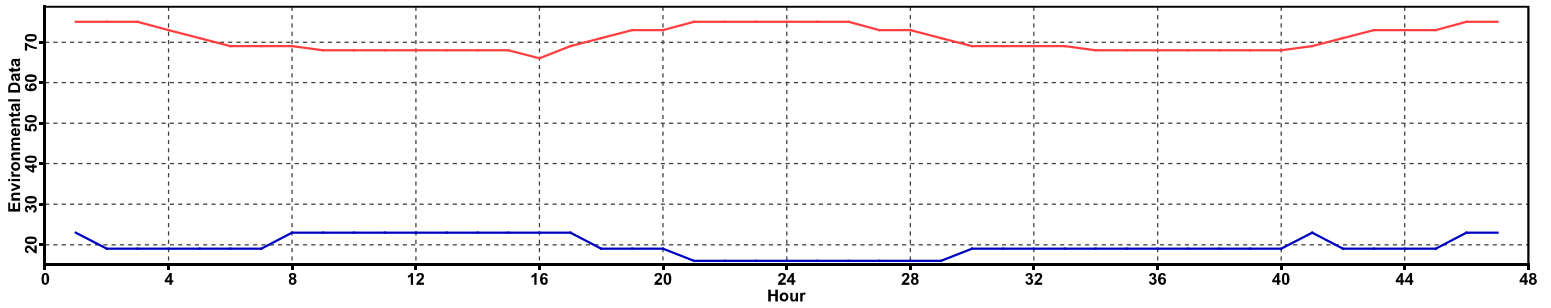
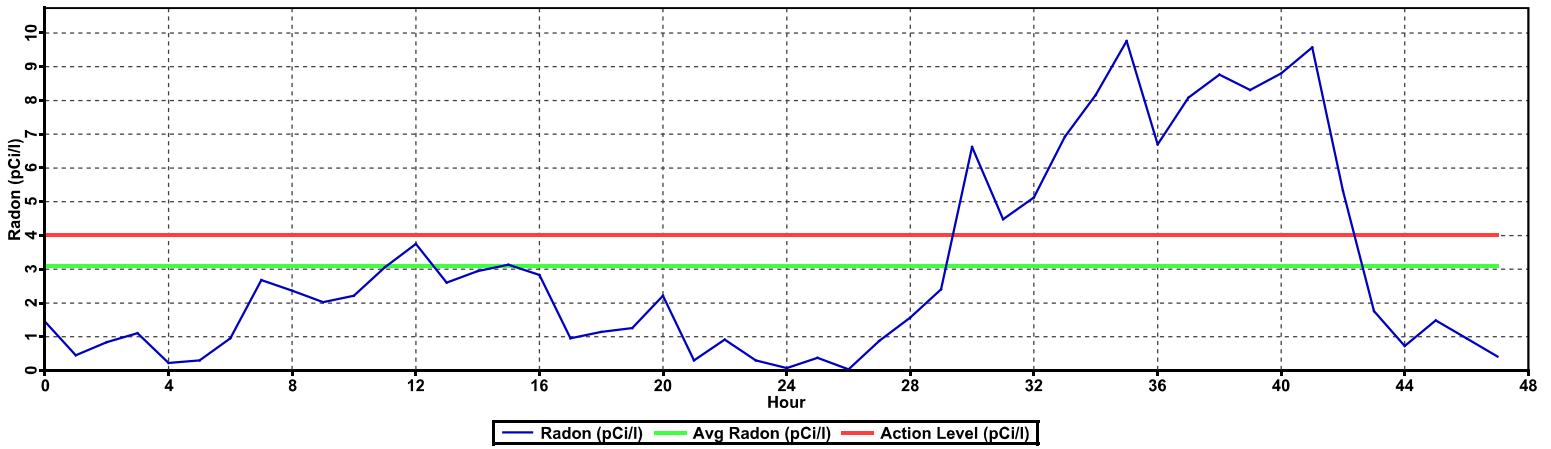
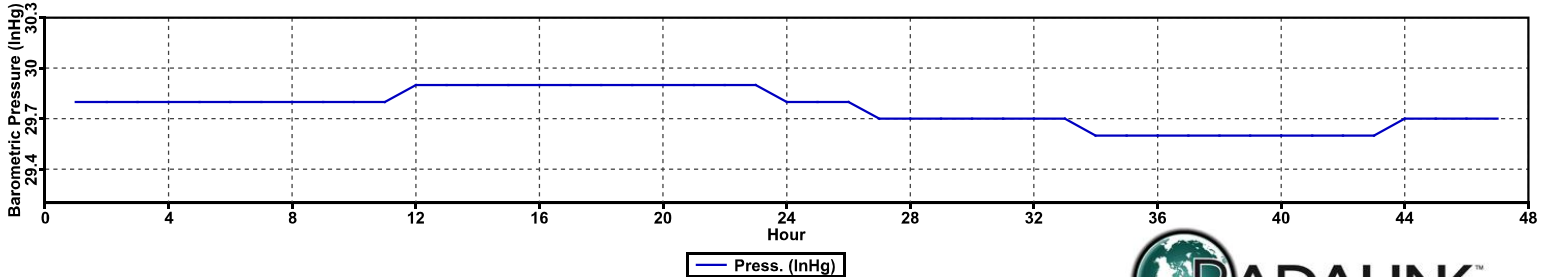
	Minimum	Average	Maximum	Variance
Temperature:	66.0	70.9	75.0	8.39
Barometric Pressure:	29.6	29.8	29.9	0.01
Relative Humidity:	16	20	23	6.11

NOTE: The first hour's environmental data is excluded from the table above.

Radalink, Inc. 5599 Peachtree Road Atlanta, GA 30341 Phone: (800)295-4655

GRAPHICAL DATA VIEW

MONITOR-TEST NUMBER: 2628-293



Property Inspected: 5575 Fillmore St NE, Fridley, MN 55432
AVERAGE RADON CONCENTRATION: 3.1 pCi/l

Building: North Park Elementary

Test Start Date: 03-16-2026

Test End Date: 03-18-2026

Please help to maintain the required test conditions throughout the building

4. All windows and exterior doors must be kept closed (aside from momentary entry or exit) for 12 hours before and during the test.
5. Heating and cooling systems must be set to normal occupied operating temperatures.
6. Test devices are not to be disturbed.

Further guidance on required building conditions are located on the next page.

Test devices are not dangerous in any way. The type of devices used for this testing will include:

Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.

Continuous radon monitors. These are electronic devices that record hourly radon readings.

Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.

Declaration of Observed Compliance

Failure to reasonably maintain test conditions can lead to unnecessary expense, disruptions and unreliable data.

Disturbing test devices can also cause unreliable or invalid test results.

- Please report in a timely manner if required test conditions are not maintained.
- Please sign and return this form once the test is complete.

To the best of my knowledge, the required conditions were maintained during the test.

Yes

Name:

Bob Hallin

Signature:



Licensed Measurement Professional:

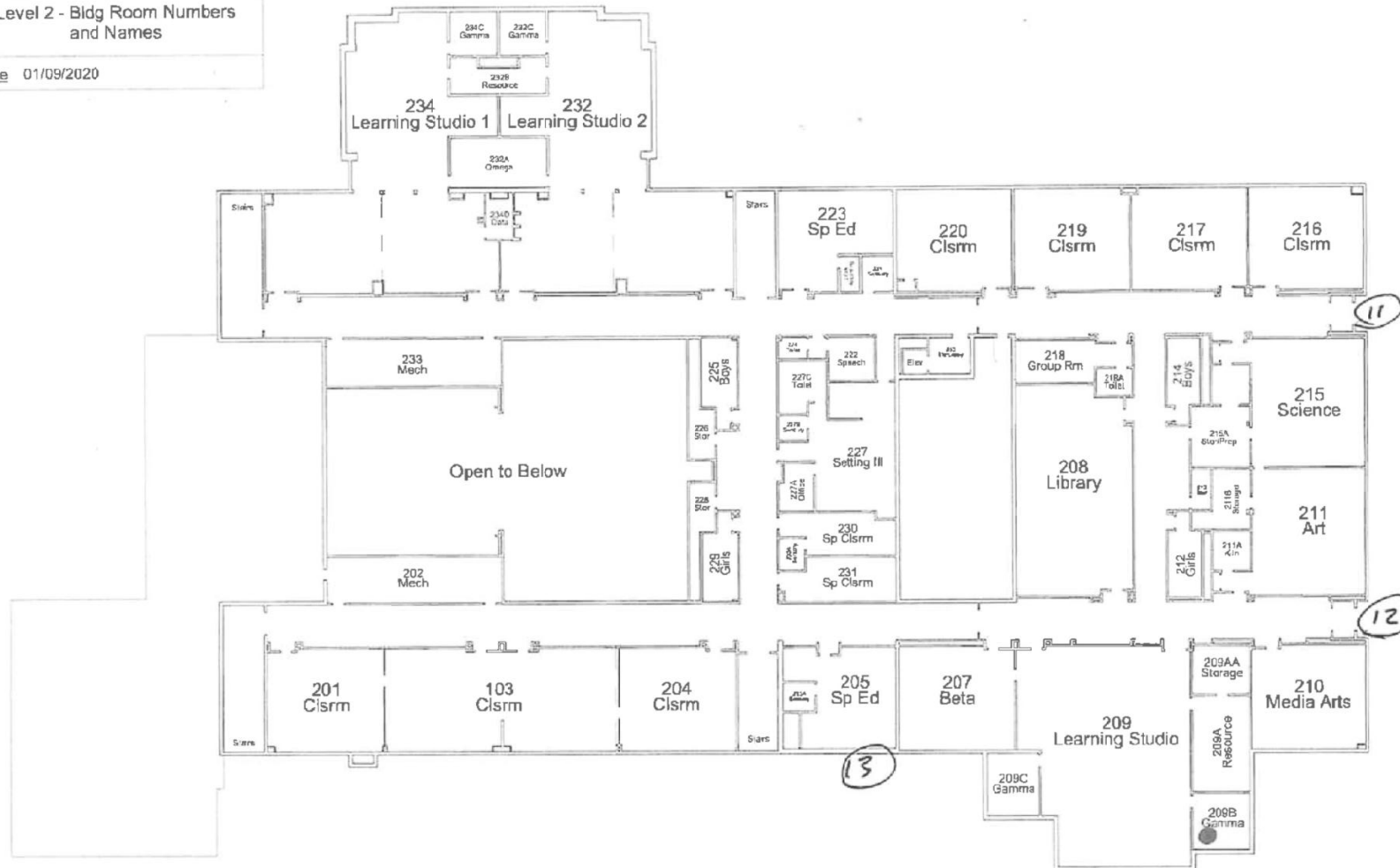
Nate Doeringsfeld RMEA-00626



North Park Elementary

Level 2 - Bldg Room Numbers
and Names

Date 01/09/2020



HOW TO INTERPRET YOUR TEST RESULTS

THIS REPORT RELATES ONLY TO THE LOCATION(S) TESTED DURING THE MEASUREMENT PERIOD

These results should be interpreted in accordance with the EPA's guidance as published in EPA Publication No. 402-K-008 "Home Buyer's and Seller's Guide to Radon" and EPA Publication No. 402-K92-001, "Citizen's Guide to Radon".

Because radon is the second leading cause of lung cancer, the World Health Organization (WHO) and the U.S. Surgeon General recommend testing all homes for radon and mitigating those with an average concentration above the U.S. EPA action level of 4 picocuries per Liter (4 pCi/L) or higher. Even if your test result is below 4 pCi/L, mitigation may provide additional reduction of the risk of lung cancer. Find more information at [Radalink.com/results](https://radalink.com/results).

The Radalink AirCat® Monitor (NRPP Device # 00477, NRSB Device # 31815) used to perform this test is EPA, NRSB and/or NRPP approved and meets the Single Test Option requirements (EPA 402-R-93-003, Section 3.2.3) and continuous monitor time-sensitive testing (ANSI/AARST MAH 2023, Section 5.2) for conducting radon measurements and may be used for determining the necessity for radon mitigation.

Radon reduction systems work! Professionally installed radon mitigation systems can reduce the radon levels in your home by up to 99%. Thousands of people have reduced radon levels in their homes. Maintaining a radon reduction system takes little effort to keep the system working properly and the radon levels low. EPA recommends that you have a qualified contractor (NRPP, NRSB certified or state licensed) fix your home if radon levels are confirmed to be 4 pCi/L or higher. Find a licensed mitigator at [Radalink.com/mitigators](https://radalink.com/mitigators). For more information on how to reduce your radon health risk, contact your state radon office:

Alabama	800-582-1866	Illinois	217-782-1325	Montana	800-546-0483	Rhode Island	401-222-7796
Alaska	800-478-8324	Indiana	800-272-9723	Nebraska	402-471-1005	South Carolina	803-898-3432
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Rhode Island Dept. of Health contact: 401-222-7796

Client Commitments, Advisories, and Authorizations

I have been informed of test plan options that comply with ANSI/AARST MA-MFLB 2023.

Time-Sensitive Testing	Extended Testing
Tests at each location are tested using two short-term test devices or a continuous radon monitor.	Tests at each location are conducted using a single short-term test device.
	All locations that meet or exceed the action level (4.0 pCi/L) are retested.
Decisions to mitigate are based on the results of the average of the two short-term test devices or the average from a continuous radon monitor.	Decisions to mitigate are based on the results of the average of the two rounds of testing.

Testing should take place during normal occupied operating conditions for the building, and when operating conditions for the building are most likely to emphasize a clear characterization of a radon hazard. For most locations in the U.S., including Minnesota, this is during the heating season (November through March).

To the extent reasonably possible, I commit to helping ensure that building conditions required to achieve reliable radon tests are met, as portrayed herein, by accepting the following responsibilities:

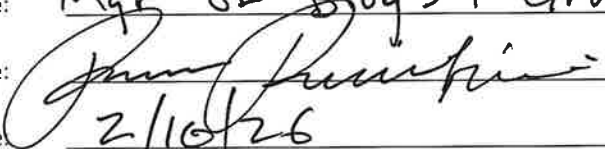
1. **BUILDING PREPARATION:** I accept responsibility that, no later than 12 hours prior to testing, each building scheduled for testing will be reviewed for compliance with closed-building requirements.
2. **COMPLIANCE VERIFICATION:** I accept responsibility for taking actions that could include adjustments to HVAC units and repairs, such as for broken windows, where completion is required no later than 12 hours prior to testing. Maps and information regarding HVAC systems will be provided upon IEA request. Verification will be provided as signed/initialed below or initialed on a log sheet, to be provided.
3. **PRIOR NOTIFICATIONS:** Notices will be distributed to staff and occupants at least 24 hours prior to testing and posted in publicly accessible areas such as in corridors, elevators and offices in a timely manner, no later than required by local law for gaining access to a dwelling or not later than the day before testing. Notices will include:
 - Scheduled dates and times for test device placement and retrieval
 - Essential closed-building requirements portrayed in Table 4-A of the ANSI/AARST standard and that these conditions are required no later than 12 hours prior to the test and throughout the test period
 - Information on how to obtain federal or state radon health guidance, and
 - Local contact information for inquiries, such as the authorized building supervisor.
4. **ACCESS:** Access will be provided to each location being tested within a building, with intent to access all locations within a building on the same day for both the event of placing test devices, and a second event for retrieving test devices.
5. **QUALITY CONTROL:** Quality control measurements will be done at 10% duplicates (extended testing option), 5% blanks, and 3% spikes (3% of each lot of charcoal adsorption devices, max of 6 spikes per month).

A valid measurement shall be taken in 100% ground contact rooms that are occupied or intended to be occupied, and those located above unoccupied rooms in ground contact, as well as 10% of rooms on each upper floor in each building. Failure to reasonably maintain *closed-building conditions* or when test locations are not readily accessible can lead to unnecessary expense, disruptions, and unreliable data. Disturbing test devices can also cause unreliable and invalid test results.

Client Commitments, Advisories, and Authorizations

Please mark or provide, in writing, a list of who is authorized to receive test data and at which junctures data should be provided. Person(s) authorized to receive report data and incremental reports:

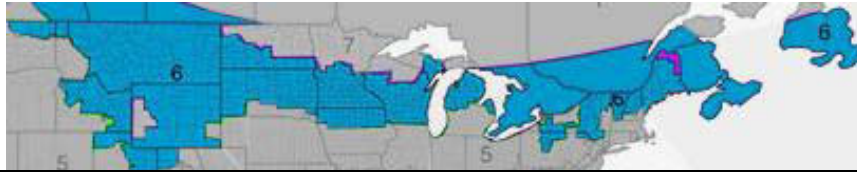
- ☒ Proposal Contact and Superintendent
- ☐ District Administrators
- ☐ Building Administrators (Principals or Building Supervisors)
- ☐ Other: _____

Client: Columbia Heights Public Schools
Building: CHHS + NP
Name: James Phillipi
Title: Mgr of Bldgs + Grds
Signature: 
Date: 2/10/26

Appendix D

Average Building Operating Conditions Comparison

Climate Zone 6 (includes Southern MN)



		Averages			During the Test
		24 Hour	Daytime	Daytime 9-Month	Prevailing During the Test
Operating Condition	Outdoor Temperature and Weather Conditions	45 °F	50 °F	N/A	Average: 30 °F Minimum: 20 °F Maximum: 38 °F
	Heating Conditions	75%	66%	88%	100%
	Cooling Conditions	-	16%	11%	0%
	Mixed Conditions	25%	16%	-	0%
Normal Operating Condition		<ul style="list-style-type: none"> Heating conditions No variance in outdoor air ventilation 			<ul style="list-style-type: none"> Heating conditions No variance in outdoor air ventilation Snow or ice present outdoors
Condition less likely to inhibit characterization of a radon hazard		<ul style="list-style-type: none"> Heating and air distribution systems active 			<ul style="list-style-type: none"> Heating and air distribution systems active

Appendix E

MDH Reporting Form(s)

School Radon Testing Reporting Form

According to Minnesota Statute 123B.571, subd. 3, a school district that has tested its school buildings for the presence of radon shall report the results of the tests to the Department of Health. Please use this form to submit information about the most recent round or cycle of testing for each building.

Instructions

1. Complete one form for each building tested. A building is defined as an occupied facility with a unique address. This includes administrative buildings. Please report the MDE School Number.
2. Include this form, reports, and a building map.
3. Submit this form when all work is completed for a round of testing. This includes reporting to the school board, follow-up testing, and mitigation if applicable.
4. Email information to health.indoorair@state.mn.us

Contact Information

(Person submitting this report)

Name: James Phillippi

Mailing Address: 1400 - 49th Avenue NE, Columbia Heights, MN 55421

Phone: (763) 528-4525 Email: phillipj@colheights.k12.mn.us

Person(s) Deploying or Retrieving Test Devices

List all individuals the placed or picked-up test devices during initial, follow-up, and post-mitigation testing. Additional names can be added in the notes at the end of the form.

Name: Allison Sloan Organization/Company: IEA

Name: Rebecca Escamilla Organization/Company: IEA

Name: _____ Organization/Company: _____

School Board Reporting

Were all results reported at a school board meeting?

☒

Yes

☐

No

SCHOOL RADON TEST REPORTING FORM

Initial Radon Testing

School Building Name: Columbia Heights High School MDE School No.¹: 0013-01-815

School District Name & District Number: Columbia Heights Public Schools #13

Building Address: 1400 49th Ave NE, Columbia Heights, MN 55421

Test Kit Manufacturer & Device Name: Air Chek, Pro Chek

Date of Kit Retrieval (MM/DD/YYYY): 12/05/2025 Length of Test (days): 3

Does the test period include weekends? ☐ Yes ☒ No

Does the test period include school breaks or holidays? ☐ Yes ☒ No

Was HVAC operating under occupied conditions? ☒ Yes ☐ No

Were test devices deployed in all occupied or intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms?² ☒ Yes ☐ No

Were sufficient valid measurements obtained that allow for no further testing?³ ☒ Yes ☐ No

How many rooms were tested? 145

How many rooms had results ≥ 4 pCi/L? 3

¹ The MDE school number is a 9-digit number in the format XXXX-XX-XXX. The first 4 digits are the organization number, followed by a 2-digit organization type, followed by a 3-digit site/school number. If you are unsure of the school ID number, please search [MDE-ORG \(https://public.education.mn.gov/MdeOrgView/search/tagged/MDEORG_DISTRICT_SCHOOL\)](https://public.education.mn.gov/MdeOrgView/search/tagged/MDEORG_DISTRICT_SCHOOL) by district/charter name and click District View to see a list of the associated schools/find the school number. Example: Anoka High School is 0011-01-0001.

² This includes rooms, offices, classrooms, and other general use areas. Ground contact means: 1) rooms that have floors or walls in contact with the ground; and 2) rooms that are closest to the ground over untested ground-contact locations such as a crawl space, utility tunnel, parking garage, and other non-habitable space that is in contact with the ground. Intended to be occupied rooms are locations where there are plans to occupy rooms even though they are unoccupied at the time of testing. In addition, if the building has upper floors, at least 10% of those upper rooms need to be tested.

³ Section 6.2 of the ANSI/AARST standard allows for a specific small number of invalid measurements (e.g. missing or damaged test kits). Review this section of the standard and evaluate how many rooms needed testing and how many had valid results. If there were too many invalid results, this mean additional testing was required in these locations and answer this question as 'no'

Follow-up Testing, Mitigation, & Post-Mitigation Testing

If one or more rooms tested ≥ 4.0 pCi/L, please answer the questions below:

How many rooms had follow-up testing? ³ _____

Number of rooms with follow-up results: ≥ 4 pCi/L: ⁰ _____ < 4 pCi/L: ³ _____

Of the rooms with follow-up results ≥ 4 pCi/L, how many rooms were:

Mitigated by diluting or pressurizing the soil or indoor air (not active soil depressurization): ⁰ _____

Mitigated by installing active soil depressurization system(s)? ⁰ _____

Reduced by adjusting the HVAC system? ¹ _____

Individuals Who Installed Mitigation:

Name: _____ Organization/Company: _____

Name: _____ Organization/Company: _____

What was the cost of the installation and/or HVAC service work to mitigation radon? _____

What is the known or anticipated annual operating cost of mitigation (estimate)? _____

After radon mitigation, how many rooms were re-tested?⁴ _____

Post-mitigation results (# of rooms):

≥ 4 pCi/L: _____ < 4 pCi/L: _____

Notes

Minnesota Department of Health | Environmental Health | Indoor Air Unit

health.indoorair@state.mn.us, www.health.state.mn.us

February 12, 2025

To obtain this information in a different format, call: 651-201-4601.

⁴ The building must be tested to very reduction and ensure mitigation has not increased radon in rooms that used to be low.

School Radon Testing Reporting Form

According to Minnesota Statute 123B.571, subd. 3, a school district that has tested its school buildings for the presence of radon shall report the results of the tests to the Department of Health. Please use this form to submit information about the most recent round or cycle of testing for each building.

Instructions

1. Complete one form for each building tested. A building is defined as an occupied facility with a unique address. This includes administrative buildings. Please report the MDE School Number.
2. Include this form, reports, and a building map.
3. Submit this form when all work is completed for a round of testing. This includes reporting to the school board, follow-up testing, and mitigation if applicable.
4. Email information to health.indoorair@state.mn.us

Contact Information

(Person submitting this report)

Name: James Phillippi

Mailing Address: 1400 - 49th Avenue NE, Columbia Heights, MN 55421

Phone: (763) 528-4525 Email: phillipj@colheights.k12.mn.us

Person(s) Deploying or Retrieving Test Devices

List all individuals the placed or picked-up test devices during initial, follow-up, and post-mitigation testing. Additional names can be added in the notes at the end of the form.

Name: Allison Sloan Organization/Company: IEA

Name: Rebecca Escamilla Organization/Company: IEA

Name: _____ Organization/Company: _____

School Board Reporting

Were all results reported at a school board meeting?

☒

Yes

☐

No

Initial Radon Testing

School Building Name: North Park Elementary School MDE School No.¹: 0013-01-517School District Name & District Number: Columbia Heights Public Schools #13Building Address: 5575 Filmore St NE, Fridley, MN 55432Test Kit Manufacturer & Device Name: Air Chek, Pro ChekDate of Kit Retrieval (MM/DD/YYYY): 12/05/2025 Length of Test (days): 3Does the test period include weekends? ☐ Yes ☒ NoDoes the test period include school breaks or holidays? ☐ Yes ☒ NoWas HVAC operating under occupied conditions? ☒ Yes ☐ NoWere test devices deployed in all occupied or intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms?² ☒ Yes ☐ NoWere sufficient valid measurements obtained that allow for no further testing?³ ☒ Yes ☐ NoHow many rooms were tested? 57How many rooms had results ≥ 4 pCi/L? 1

¹ The MDE school number is a 9-digit number in the format XXXX-XX-XXX. The first 4 digits are the organization number, followed by a 2-digit organization type, followed by a 3-digit site/school number. If you are unsure of the school ID number, please search [MDE-ORG \(https://public.education.mn.gov/MdeOrgView/search/tagged/MDEORG_DISTRICT_SCHOOL\)](https://public.education.mn.gov/MdeOrgView/search/tagged/MDEORG_DISTRICT_SCHOOL) by district/charter name and click District View to see a list of the associated schools/find the school number. Example: Anoka High School is 0011-01-0001.

² This includes rooms, offices, classrooms, and other general use areas. Ground contact means: 1) rooms that have floors or walls in contact with the ground; and 2) rooms that are closest to the ground over untested ground-contact locations such as a crawl space, utility tunnel, parking garage, and other non-habitable space that is in contact with the ground. Intended to be occupied rooms are locations where there are plans to occupy rooms even though they are unoccupied at the time of testing. In addition, if the building has upper floors, at least 10% of those upper rooms need to be tested.

³ Section 6.2 of the ANSI/AARST standard allows for a specific small number of invalid measurements (e.g. missing or damaged test kits). Review this section of the standard and evaluate how many rooms needed testing and how many had valid results. If there were too many invalid results, this mean additional testing was required in these locations and answer this question as 'no'

Follow-up Testing, Mitigation, & Post-Mitigation Testing

If one or more rooms tested ≥ 4.0 pCi/L, please answer the questions below:

How many rooms had follow-up testing? ¹ _____

Number of rooms with follow-up results: ≥ 4 pCi/L: ⁰ _____ < 4 pCi/L: ¹ _____

Of the rooms with follow-up results ≥ 4 pCi/L, how many rooms were:

Mitigated by diluting or pressurizing the soil or indoor air (not active soil depressurization): ⁰ _____

Mitigated by installing active soil depressurization system(s)? ⁰ _____

Reduced by adjusting the HVAC system? ¹ _____

Individuals Who Installed Mitigation:

Name: _____ Organization/Company: _____

Name: _____ Organization/Company: _____

What was the cost of the installation and/or HVAC service work to mitigation radon? _____

What is the known or anticipated annual operating cost of mitigation (estimate)? _____

After radon mitigation, how many rooms were re-tested?⁴ _____

Post-mitigation results (# of rooms):

≥ 4 pCi/L: _____ < 4 pCi/L: _____

Notes

Minnesota Department of Health | Environmental Health | Indoor Air Unit

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