



Board Meeting Date: 5/13/2024

Title: Radon Testing - 2024

Type: Information

Presenter(s): Mert Woodard - Director, Finance & Operations

Description: Minn. Stat. § 123B.571 requires school districts that have tested for radon at its buildings report the results of its tests to the Minnesota Department of Health (MDH) in the form and manner prescribed by the commissioner of health. School districts that have tested for radon must also report the results of the tests at a school board meeting.

Short Term Radon testing was performed at 402 locations in Edina High School, Cornelia Elementary School, South View Middle School, and the Edina Transportation Center from January 29, 2024 to February 2, 2024. All tested locations at Cornelia, South View, and the Transportation Center resulted in radon levels below the action level of 4 pCi/L as established by the MDH and Environmental Protection Agency (EPA) and did not require further testing. One (1) location at Edina High School resulted in radon levels above the action level and required further testing. Continuous Radon Monitoring (CRM) was performed at this one location from February 7, 2024 to February 9, 2024. The results of the CRM testing showed that the average radon level during occupied hours was below the action level at this location. No further testing or mitigation is required.

Radon testing is not required for Minnesota school districts. The District has been committed to testing its buildings every five years as recommended by the MDH.

The radon testing reports are enclosed.

Recommendation: There is no recommended action.

Desired Outcomes from the Board: Affirm receipt of the District's radon testing reports.

Attachments:

1. Short-Term & Continuous Radon Monitoring Results - 2024

May 2, 2024

Mr. Eric Hamilton
Director of Buildings and Grounds
Edina Public Schools
5701 Normandale Road
Edina, MN 55424



**RE: 2024 Short-Term & Continuous Radon Monitoring Results
IEA Project #202310883**

Dear Mr. Hamilton:

IEA conducted short-term radon testing and continuous radon monitoring (CRM) to measure radon levels at the following district buildings:

- Cornelia Elementary School
- Edina High School
- South View Middle School
- Transportation Center

TESTING SUMMARY

Initial Short-Term Radon Testing

IEA placed 468 Air Chek Pro Chek short-term radon test kits in 402 locations in the following buildings for the purpose of evaluating radon levels:

- Cornelia Elementary – 89 Locations
- Edina High School – 196 Locations
- South View Middle School – 105 Locations
- Transportation Center – 12 Locations

The number of kits placed includes those used for quality control purposes. See Appendix A for Quality Control information.

The radon test kits were placed by the following Minnesota Department of Health (MDH) licensed Radon Measurement Professionals:

Measurement Professional	License Number	Signature
Eddie Anderson	RMEA-00472	
Emma Hillis	RMEA-00525	
David McNeill	RMEA-00473	
Jack Skluzacek	RMEA-00475	
Sashya Wandmaker	RMEA-00470	

INSTITUTE FOR ENVIRONMENTAL ASSESSMENT, INC.
www.ieasafety.com

BROOKLYN PARK
9201 West Broadway, #600
Brooklyn Park, MN 55445
763-315-7900 / FAX 763-315-7920
800-233-9513

MANKATO
610 North Riverfront Drive
Mankato, MN 56001
507-345-8818 / FAX 507-345-5301
800-233-9513

ROCHESTER
210 Woodlake Drive SE
Rochester, MN 55904
507-281-6664 / FAX 507-281-6695
800-233-9513

BRAINERD
601 NW 5th Street, Ste. #4
Brainerd, MN 56401
218-454-0703 / FAX 218-454-0703
800-233-9513

MARSHALL
1420 East College Drive
Marshall, MN 56258
507-476-3599 / FAX 507-537-6985
800-233-9513

VIRGINIA
5525 Emerald Avenue
Mountain Iron, MN 55768
218-410-9521
800-233-9513

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

Follow-up Continuous Radon Monitoring

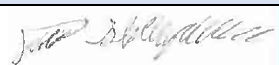
IEA used a continuous radon monitor (CRM) to measure radon levels in the following district location:

- Edina High School – S395A Dark Room

IEA placed an additional CRM as a duplicate test for quality control purposes. See Appendix B 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 CRMs were placed by the following Minnesota Department of Health (MDH) licensed Radon Measurement Professional:

Measurement Professional	License Number	Signature
Jack Skluzacek	RMEA-00475	

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.

Short-term radon testing, conducted from January 29, 2024, to February 2, 2024, indicated a radon level above the EPA-and MDH-recommended Action Level. A CRM was 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

Short-Term Radon Testing

IEA placed Air Chek Pro Chek short-term radon test kits in frequently occupied areas in the buildings listed above at Edina Public Schools for the purpose of sampling for radon in accordance with the MDH's *Guidance for Radon Testing in Minnesota Schools* (2021) and ANSI/AARST MA-MFLB 'Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, Schools and Commercial and Multi-Use Buildings' (ANSI/AARST MA-MFLB 2023).

A total of 468 radon test kits were placed from January 29, 2024, to February 2, 2024, for a total short-term sampling period of 4 days including 3 test kits that were missing at the time of pick-up. The radon test kits were analyzed by AirChek, Inc., MDH license #RL-00003, located at 1936 Butler Bridge Road, Mills River, NC 28759. The Analysis Methodologies are provided in Appendix A.

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 kits, control kits (blanks), and spiked kits.

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

- Client Commitments, Advisories and Authorizations – August 14, 2023
- Facilitating Staff Commitments – December 11, 2023

Occupant notices were sent to the client for distribution on December 11, 2023

Continuous Radon Monitoring

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, in Atlanta, GA 30341.

CRM testing was performed from February 7-9, 2024, in Room S395A of Edina High School.

Conditions of air intakes and ventilation system 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 D:

- Client Commitments, Advisories and Authorizations – August 14, 2023
- Facilitating Staff Commitments – December 11, 2023

Occupant notices were sent to the client for distribution on December 11, 2023

EVALUATION CRITERIA

The MDH and the EPA have established a recommended action level in intended to be 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.

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 (<u>DURING OCCUPANCY</u>) 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 (<u>DURING OCCUPANCY</u>) AFTER CRM TESTING	Reduce radon in rooms to less than 4 through radon mitigation. Conduct CRM testing to verify radon reduction.

CRM: Continuous Radon Monitor

INITIAL RESULTS

The laboratory report and maps of each building with sampling locations are provided in Appendix C. The following includes summary results for each building.

Cornelia Elementary School

7000 Cornelia Drive, Edina, MN 55435

A total of 105 test kits were placed in 89 locations at Cornelia Elementary School. No test kits were missing or damaged when the test kits were collected.

The results indicated that radon levels in Cornelia Elementary School were below the action level of 4 pCi/L. See Table 1 below for a summary of the results:

TABLE 1: CORNELIA ELEMENTARY SCHOOL RANGE OF RESULTS				
	0.0 – 1.9 pCi/L	2.0 – 2.9 pCi/L	3.0 – 3.9 pCi/L	≥ 4 pCi/L
Number of locations	89	0	0	0 ¹

¹ All results were below the action level

pCi/L: picocuries per liter

Edina High School

6754 Valley View Road, Edina, MN 55439

A total of 227 test kits were placed in 196 locations at Edina High School. 1 test kit in Grange Hall West was missing or damaged when the test kits were collected. The number of missing test kits did not exceed allowance in the ANSI/AARST MA-MFLB 2023 standard.

The results indicated that radon levels in Edina High School were above the action level of 4 pCi/L. See Table 2 below for a summary of the results:

TABLE 2: EDINA HIGH SCHOOL RANGE OF RESULTS				
	0.0 – 1.9 pCi/L	2.0 – 2.9 pCi/L	3.0 – 3.9 pCi/L	≥ 4 pCi/L
Number of locations	194	0	0	1 ¹
¹ S395A (Dark Room) – 25.6 pCi/L				

pCi/L: picocuries per liter

South View Middle School

4725 South View Lane, Edina, MN 55424

A total of 119 test kits were placed in 105 locations at South View Middle School. Two test kits in Rooms 256 and 284 were missing or damaged when the test kits were collected. The number of missing test kits did not exceed allowance in the ANSI/AARST MA-MFLB 2023 standard.

The results indicated that radon levels in South View Middle School were below the action level of 4 pCi/L. See Table 3 below for a summary of the results:

TABLE 3: SOUTH VIEW MIDDLE SCHOOL RANGE OF RESULTS				
	0.0 – 1.9 pCi/L	2.0 – 2.9 pCi/L	3.0 – 3.9 pCi/L	≥ 4 pCi/L
Number of locations	101	1	1	0 ¹
¹ All results were below the action level				

pCi/L: picocuries per liter

Transportation Center

5201 76th Street West, Edina, MN 55439

A total of 17 test kits were placed in 12 locations at the Transportation Center. No test kits were missing or damaged when the test kits were collected.

The results indicated that radon levels in the Transportation Center were below the action level of 4 pCi/L. See Table 4 below for a summary of the results:

TABLE 4: TRANSPORTATION CENTER RANGE OF RESULTS				
	0.0 – 1.9 pCi/L	2.0 – 2.9 pCi/L	3.0 – 3.9 pCi/L	≥ 4 pCi/L
Number of locations	9	3	0	0 ¹
¹ All results were below the action level				

pCi/L: picocuries per liter

CONTINUOUS RADON MONITORING RESULTS

Continuous radon monitoring was conducted at Edina High School from February 7-9, 2024, in the Dark Room attached to S395A. A CRM was placed in the room for approximately 48 hours. The MDH recommends a minimum of 48 hours. Days when the room was not occupied (e.g., weekends & holidays) were not included in the monitoring. The hourly CRM data is provided in Appendix D.

A summary of the CRM data, including previous results, is provided in Table 5 below.

Edina High School

6754 Valley View Road, Edina, MN 55439

Table 5: Continuous Radon Monitoring Results – February 7-9, 2024

Room	Day 1 Average (pCi/L)		Day 2 Average (pCi/L)		Overall Average (pCi/L)		Results from the Previous Testing (pCi/L)
	¹ 2.3	² 2.7	¹ 3.0	² 1.7	¹ 2.7	² 1.9	
S395A Dark Room							25.6
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: October 2023

Discussion of Results:

- Average radon levels over the workday in the S395A Dark Room was 2.3 pCi/L on the first day of testing, and 3.0 pCi/L on the second day of testing.
- Average radon levels in the S395A Dark Room were below the Action Level during the workdays.

CONCLUSIONS AND RECOMMENDATIONS

It is recommended by ANSI/AARST MA-MFLB 2023 to consider taking action and address results of radon concentrations greater than half the action level (2-4 pCi/L).

The results of the CRM indicate that radon levels in the S395A Dark Room are below the action level during the workday. The testing was performed during the winter so the testing may be representative of “worst case” conditions.

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.
- Ground contact rooms that were not tested because they were not occupied, should be tested if they become occupied in the future.
- Test locations that were intended to be tested but did not result in valid measurements, should be retested if the missing kit allowance was exceeded.

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

- A new addition is constructed, or a significant renovation occurs
- 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 G.

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 radon sampling district-wide and are representative of the locations 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.

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 environmental, health and safety practices. Other than as provided in the preceding sentence and in our Proposal 11529 dated August 14, 2023, regarding radon sampling services at the district locations, 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 environmental, health, or safety-related concerns, please do not hesitate to contact our office.

Sincerely,

IEA, Inc.



Jack Skluzacek
EHS Account Manager

Reviewed by:



Emma Squires-Sperling
Laboratory Director

JS/khb 05022024

Enc.

Appendix A

*Short-Term Methodology and
Quality Control Measurements*

Analysis Methodology

IEA placed Air Chek, Inc. Pro Chek activated charcoal radon test kits designed specifically for the detection of gamma emissions caused by the decay of Radon-222 and its daughter products. The kit is made of a padded envelope which contains activated charcoal. Upon pick-up, the kit is sealed with vinyl tape after 72 to 96 hours of indoor exposure. Individual kits are uniquely identified with a number and corresponding bar code.

Upon receipt at the analytical laboratory, the kits are logged in using the unique numbers assigned to each kit. The kits are placed on a gamma detector to count the gamma emissions from the decay of radon adsorbed by the charcoal. A calibration factor determined in part by the exposure time and decay time is used to calculate the radon concentration. A correction factor is also applied for weight gain from any moisture absorbed by the charcoal during the sampling period.

Any unusual conditions are noted on the processing form and shown on the exposure report.

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 test kits (duplicates) and unexposed control test kits (blanks).

Duplicates are pairs of test kits placed 4-8 inches apart for the same test period. Duplicates are stored, placed, retrieved, and shipped to the laboratory for analysis in the same manner as the other test kits so that the laboratory cannot distinguish them. Since duplicates are placed side-by-side, the measured values for radon should be the same. The average of all duplicates' relative percent difference (RPD) should not exceed 25%. If they do, an investigation to identify the cause may be warranted and could include repeating the measurements. Duplicate 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)
Cornelia Elementary			
12	0.7	0.8	0.75
16	<0.3	0.6	0.45
20	0.9	0.7	0.8
23	<0.3	0.7	0.5
29	0.7	1	0.85
30	1	1.2	1.1
39	0.7	0.6	0.65
49	0.8	<0.3	0.55
58	0.8	0.8	0.8
9A	1	<0.3	0.65
Edina High School			
Conference Room A	1.0	1.1	1.05
Conference Room B	1.4	0.8	1.1
CAHILL C	0.5	0.5	0.5
E132	1.2	1.5	1.35
E238	1.7	1.5	1.6
E337	0.8	0.6	0.7
E340	1.2	0.6	0.9
E342	0.7	0.7	0.7
N003	1.2	1.1	1.15
N007	1	0.8	0.9
N101	0.6	1.2	0.9
N200	0.9	0.8	0.85
S250A	<0.3	<0.3	<0.3
S261	0.8	0.7	0.75
S272	1	0.6	0.8
S393	0.7	0.7	0.7
W223	1	0.8	0.9
W310	0.8	0.7	0.75
W314	0.7	0.8	0.75

Table 1: Duplicate Device Measurements and Averages (continued)			
Location	Test 1 (pCi/L)	Test 2 (pCi/L)	Average (pCi/L)
South View Middle School			
109	0.5	0.9	0.7
113	0.9	0.7	0.8
125 NE	0.9	1.1	1
130	1.1	0.9	1
205	0.9	<0.3	0.6
227	0.6	0.7	0.65
260	<0.3	<0.3	0.3
282	0.6	0.8	0.7
315	0.7	<0.3	0.5
Calm Lunch Space	0.9	1.2	1.05
Main Office	1.1	0.9	1
Transportation Center			
102	1.5	1.2	1.35
121	2.1	0.8	1.45

Blanks can be used to determine whether the manufacturing, shipping, storage, or processing of the detector has “contaminated” your measurements. Blanks are opened and immediately re-sealed to keep room air from infiltrating the test kit. Blanks are labeled and shipped in the same manner as the exposed test kits so that the laboratory cannot distinguish them. Since blanks are not exposed to radon, their measurement value should be below the lower limit of detection. Field blanks are listed in the laboratory report as FStorage Room A, FStorage Room B, etc. Office blanks are listed in the laboratory report as OStorage Room A, OStorage Room B, etc. Lab-Transit Blanks are listed in Table 2 below.

Table 2: Blanks						
Date	Start Time	End Time	Device ID	Type of Blank	Description	Radon Concentration (pCi/L)
1/29/2024	1:00 pm	11:00 am	11381206	Field	FSTORAGE A	< 0.3
1/29/2024	1:00 pm	11:00 am	11381205	Field	FSTORAGE B	< 0.3
1/29/2024	1:00 pm	11:00 am	11381208	Field	FSTORAGE C	< 0.3
1/29/2024	1:00 pm	11:00 am	11381213	Field	FSTORAGE D	< 0.3
1/29/2024	1:00 pm	11:00 am	11381211	Field	FSTORAGE E	< 0.3
1/29/2024	1:00 pm	11:00 am	11381214	Field	FSTORAGE F	< 0.3
1/29/2024	1:00 pm	11:00 am	11381215	Field	FSTORAGE G	< 0.3
1/30/2024	11:00 am	11:00 am	11378000	Field	FSTORAGE ROOM A	< 0.3
1/30/2024	1:00 pm	12:00 pm	11381149	Field	FSTORAGE ROOM A	< 0.3
1/29/2024	4:00 pm	2:00 pm	11377937	Field	FSTORAGE ROOM A	< 0.3
1/30/2024	11:00 am	11:00 am	11381190	Field	FSTORAGE ROOM B	< 0.3
1/30/2024	1:00 pm	12:00 pm	11381142	Field	FSTORAGE ROOM B	< 0.3
1/29/2024	4:00 pm	2:00 pm	11377938	Field	FSTORAGE ROOM B	< 0.3
1/30/2024	11:00 am	11:00 am	11381174	Field	FSTORAGE ROOM C	< 0.3
1/30/2024	1:00 pm	12:00 pm	11381141	Field	FSTORAGE ROOM C	< 0.3
1/29/2024	4:00 pm	2:00 pm	11377932	Field	FSTORAGE ROOM C	< 0.3
1/29/2024	5:00 pm	12:00 pm	11383335	Office	OSTORAGE A	< 0.3
1/29/2024	5:00 pm	12:00 pm	11383333	Office	OSTORAGE B	< 0.3
1/29/2024	5:00 pm	12:00 pm	11383367	Office	OSTORAGE C	< 0.3
1/29/2024	5:00 pm	12:00 pm	11383334	Office	OSTORAGE D	< 0.3
1/30/2024	2:00 pm	1:00 pm	11381148	Office	OSTORAGE ROOM A	< 0.3
1/30/2024	2:00 pm	1:00 pm	11381153	Office	OSTORAGE ROOM B	< 0.3
1/30/2024	2:00 pm	1:00 pm	11381154	Office	OSTORAGE ROOM C	< 0.3
1/6/2024	12:00 pm	12:00 pm	11460934	Lab-Transit	LTBP-1	< 0.3
1/6/2024	12:00 pm	12:00 pm	11460918	Lab-Transit	LTBP-2	< 0.3
1/6/2024	12:00 pm	12:00 pm	11460926	Lab-Transit	LTBP-3	< 0.3
1/6/2024	12:00 pm	12:00 pm	11460933	Lab-Transit	LTBP-4	< 0.3
1/6/2024	12:00 pm	12:00 pm	11460931	Lab-Transit	LTBP-5	< 0.3
1/6/2024	12:00 pm	12:00 pm	11460932	Lab-Transit	LTBP-6	< 0.3
1/6/2024	12:00 pm	12:00 pm	11460921	Lab-Transit	LTBP-7	< 0.3

Spikes are test kits that have been exposed in a chamber to a known concentration of radon. Using spiked measurements can help evaluate the accuracy of a laboratory analysis and/or how accurately test kits supplied by a laboratory measure radon. Spiked test kits are labeled and shipped in the same manner as the exposed test kits so that the laboratory cannot distinguish them. Spiked results completed for our laboratory are included in the following pages. Spiked test kits are listed in Table 3 below.

Table 3: Spiked Detectors					
Date	Start Time	End Time	Device ID	Measured Value (pCi/L)	Reference Value (pCi/L)
1/5/2024	9:00 am	9:00 am	11604839	49.3	49.2
1/5/2024	9:00 am	9:00 am	11604840	50.3	49.2
1/5/2024	9:00 am	9:00 am	11604842	41.6	49.2
1/5/2024	9:00 am	9:00 am	11604843	44.8	49.2
1/5/2024	9:00 am	9:00 am	11604846	47	49.2
1/5/2024	9:00 am	9:00 am	11604848	51.7	49.2

Appendix B

*CRM Quality Control Measurements and
Duplicate CRM Results*

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 test kits (duplicates) and unexposed control test kits (blanks).

Comparison measurement devices are placed 4-8 inches apart for the same test period. Comparison measurement devices are stored, placed and retrieved, in the same manner as the other measurements. Since comparison measurements are placed side-by-side, the measured values for radon should be the same. The average of all comparison measurements' relative percent difference (RPD) should not exceed 25%. If they do, an investigation to identify the cause may be warranted and could include repeating the measurements. Comparison measurement averages are listed in Table 1 below.

Table 1: Comparison Device Measurements and Averages			
Location	Test 1 (pCi/L)	Test 2 (pCi/L)	Average (pCi/L)
Room 107	1.9	2.4	2.2



CERTIFIED RADON REPORT

February 12, 2024

Test Number: 2245-400

Property Inspected: 6754 Valley View Rd, Edina, MN 55439

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:

Edina Public Schools

5701 Normandale Road

Edina, MN 55424

Fax:		Placed By:	Jack Skluzacek (MN RMEA-00475)	Temp.	Pressure	R.H.
Calibrated:	10/12/2023 - 10/11/2024	Retrieved By:	Anastasia Shimkus (MN RMEA-00482)	Min:	64.0 29.2	30
Test Started:	02/07/2024 3:53 PM	Test Site:	S395A Dark Room	Avg:	68.6 29.4	33
Test Ended:	02/09/2024 4:28 PM	Test Duration:	48 hours	Max:	75.0 29.6	40

AVERAGE RADON CONCENTRATION:

2.4 pCi/l

Test has met minimum EPA sampling duration.

Uncertainty: $\pm 1.69\%$

Time	02/07/2024		02/08/2024		02/09/2024	
	pCi/l	Flags	pCi/l	Flags	pCi/l	Flags
00:53 am			1.3		0.9	
01:53			1.0		1.5	
02:53			0.5		2.1	
03:53			1.0		2.6	
04:53			0.9		1.2	
05:53			0.8		0.6	
06:53			3.0		1.1	
07:53			1.4		1.2	
08:53			1.9		0.9	
09:53			2.1		0.9	
10:53			2.4		0.7	
11:53			2.0		1.8	
12:53 pm			2.4		2.3	
01:53			2.4		4.5	
02:53			2.7		6.5	
03:53			3.0		8.1	
04:53	2.8		2.7			
05:53	4.7		2.6			
06:53	5.1		2.2			
07:53	4.8		2.1			
08:53	4.6		1.7			
09:53	4.0		1.9			
10:53	3.5		1.9			
11:53	2.7		2.0			

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: 2245-400

Property Inspected: 6754 Valley View Rd
Edina, MN 55439

	02/07/2024			02/08/2024			02/09/2024		
Time	Temp	InHg	RH	Temp	InHg	RH	Temp	InHg	RH
00:53 am				71.0	29.5	30	68.0	29.4	33
01:53				71.0	29.5	30	69.0	29.4	33
02:53				69.0	29.4	30	69.0	29.4	30
03:53				69.0	29.4	34	68.0	29.4	30
04:53				69.0	29.4	33	66.0	29.5	30
05:53				69.0	29.4	37	66.0	29.5	30
06:53				69.0	29.4	37	64.0	29.5	30
07:53				69.0	29.4	37	64.0	29.5	30
08:53				69.0	29.3	37	64.0	29.5	30
09:53				69.0	29.3	37	64.0	29.6	30
10:53				69.0	29.3	37	64.0	29.6	30
11:53				69.0	29.3	37	64.0	29.6	34
12:53 pm				69.0	29.3	37	66.0	29.6	34
01:53				69.0	29.2	37	68.0	29.6	33
02:53				69.0	29.2	40	68.0	29.6	33
03:53				69.0	29.3	37	68.0	29.6	33
04:53	75.0	29.6	30	69.0	29.3	37			
05:53	75.0	29.6	30	69.0	29.3	37			
06:53	73.0	29.6	30	69.0	29.3	37			
07:53	73.0	29.5	30	68.0	29.3	37			
08:53	73.0	29.6	30	68.0	29.4	33			
09:53	73.0	29.6	30	68.0	29.4	33			
10:53	73.0	29.5	30	68.0	29.4	33			
11:53	71.0	29.5	30	68.0	29.4	33			

AVERAGE RADON CONCENTRATION:

2.4 pCi/l



Reviewed and certified by

Terry Howell

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

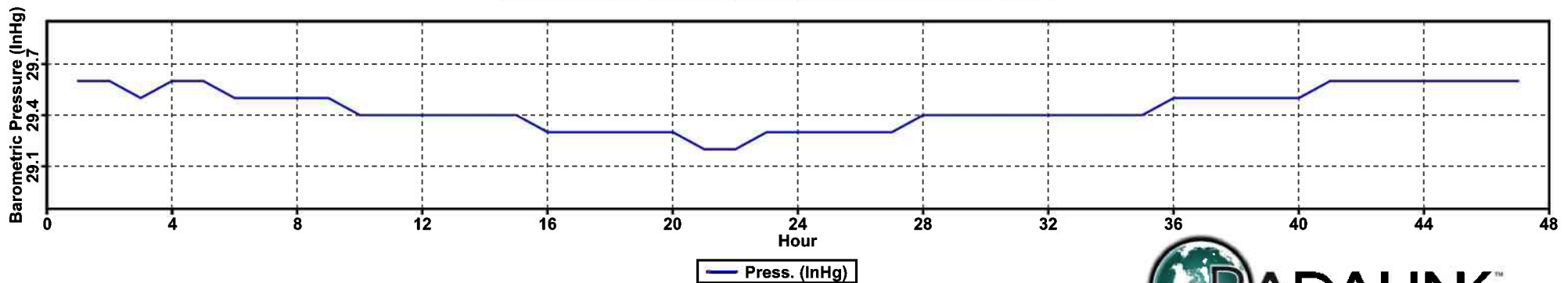
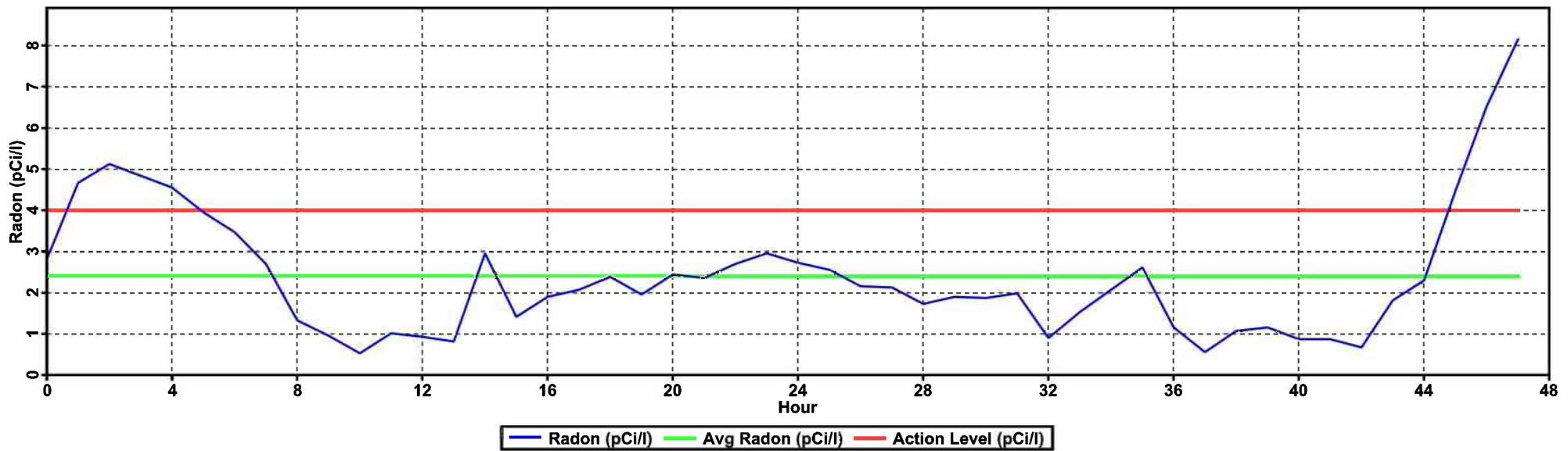
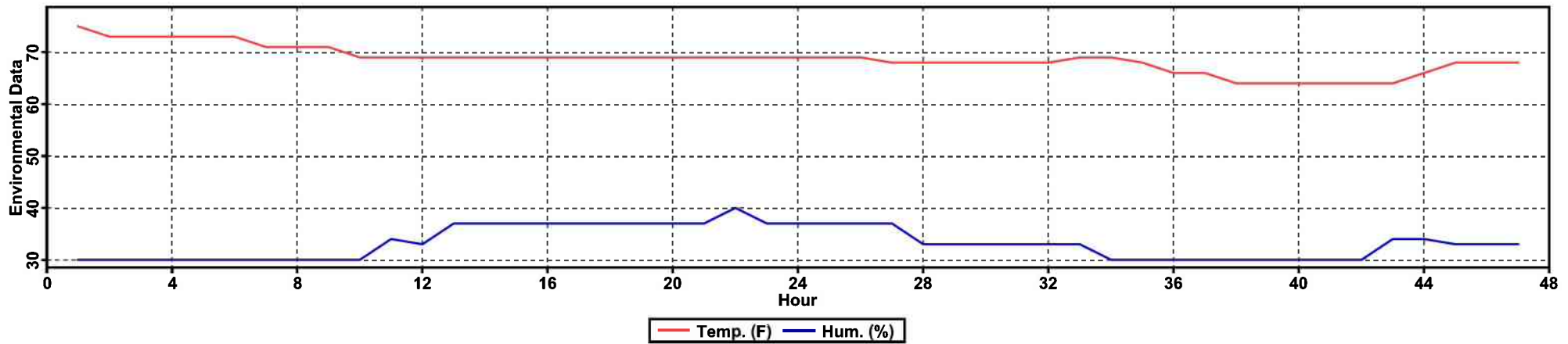
	Minimum	Average	Maximum	Variance
Temperature:	64.0	68.6	75.0	6.57
Barometric Pressure:	29.2	29.4	29.6	0.02
Relative Humidity:	30	33	40	9.47

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: 2245-400



Property Inspected: 6754 Valley View Rd, Edina, MN 55439
AVERAGE RADON CONCENTRATION: 2.4 pCi/l



Radon Placement Checklist

Measurement Professional: Jack Skluzacek RMEA-00475

Client: Edina Public Schools **Date:** 02-07-2024

Project Number: **Device Type/Cal Date (if applicable):** CRM 10-12-2023

Building: Edina High Schook **Placement Time:** 03:49 PM (-6 GMT)

The Building Manager is asked about crawlspace vents, blocked air intakes, and current ventilation issues. Any observations of temporary conditions that could affect the radon tests are noted below under "Other."

Building is occupied: Year Round
Slab on Grade
Crawlspace
Basement

Building foundation:

Ask building contact to provide HVAC zones (either mark on map or ask for screen shot of BOS)

Required test conditions were observed when the measurement device was deployed. Test under normal occupied temperature (65 to 80 degrees F). Yes

Each intended to be occupied room at or below ground level must be tested in school buildings. Yes

If the ground-contact area of the test location is greater than 2,000 square feet, an additional test device(s) was placed. Yes

Place duplicates at a rate of 10% per building placed 4-8 inches apart. Place Field Blanks at a rate of 3% per project, and Office Blanks at a rate of 1% per project (if 50-179 test devices per project, then 3 field blanks and 3 office blanks). Yes

Do not place the test device:

- In drafts from heating or air conditioning vents or fans
 - On or near heat sources nor in direct sunlight
 - In an area not intended to be occupied, or in areas with over 55% humidity (pool)
 - On a stone surface
- Yes

Place the test device:

- At normal breathing level
 - At least 20 inches above the floor or, if the device is to be suspended, about 6 feet above the floor but a minimum of 12 inches below the ceiling.
 - At least 3 feet from windows or exterior doors and a minimum of 12 inches from an exterior wall.
 - At least 4 inches from other objects
 - When operating conditions represent the greatest amount of significantly occupied time
 - When operating conditions emphasize when clear characterization of radon hazard is most likely
- Yes

Descriptions of conditions and possible effects that might warrant repeating the test: Yes

Rooms that should have been tested, but were not and why:

Rooms that were tested but are not intended to be occupied:

Any additional considerations:

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.

The Radalink Radon TeleMonitor (NRPP Device # 00472, NRSB Device # 31814) or **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) for conducting radon measurements in the context of a real estate transaction 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 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. 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	907-269-8000	Indiana	800-272-9723	Nebraska	402-471-1005	South Carolina	800-768-0362
Arizona	602-255-4845	Iowa	800-383-5992	Nevada	888-723-6610	South Dakota	800-438-3367
Arkansas	501-661-2301	Kansas	800-693-5343	New Hampshire	603-271-4052	Tennessee	800-232-1139
California	800-745-7236	Kentucky	502-564-4856	New Jersey	800-648-0394	Texas	800-293-0753
Colorado	800-846-3986	Louisiana	225-765-0160	New Mexico	505-476-8608	Utah	800-458-0145
Connecticut	860-509-7367	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	804-864-8150
Washington DC	202-535-2999	Massachusetts	800-723-6695	North Dakota	701-328-5188	Washington	360-236-3253
Florida	800-543-8279	Michigan	517-284-1837	Ohio	800-523-4439	West Virginia	800-922-1255
Georgia	706-542-9165	Minnesota	800-798-9050	Oklahoma	405-702-5162	Wisconsin	888-569-7236
Hawaii	808-586-4700	Mississippi	800-626-7739	Oregon	971-673-0490	Wyoming	307-777-6015
Idaho	800-445-8647	Missouri	573-751-6160	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

Appendix C

Initial Short-Term Laboratory Reports and Maps

Radon test result report for:**EDINA PUBLIC SCHOOLS
CORNELIA ELEMENTARY**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11381172	1	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.3	2024-02-06
11377966	10	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11377964	10A	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377952	10B	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11377970	10C	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11377971	10D	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377939	11	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.8 ± 0.3	2024-02-06
11377933	11A	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.9 ± 0.3	2024-02-06
11377934	11B	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377975	13	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11377972	13A	2024-01-30 @ 10:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.4	2024-02-06
11377935	13C	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.9 ± 0.3	2024-02-06
11377973	13D	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377980	14	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377987	14A	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377986	14B	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.7 ± 0.3	2024-02-06
11377985	14C	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.5 ± 0.3	2024-02-06
11377984	15	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.9 ± 0.3	2024-02-06
11377978	17 LEARNING COMMONS	2024-01-30 @ 10:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11377974	17A	2024-01-30 @ 10:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.3	2024-02-06
11377991	18	2024-01-30 @ 10:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11377992	19	2024-01-30 @ 10:00 am	2024-02-02 @ 11:00 am	0.5 ± 0.3	2024-02-06
11381175	1A	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.9 ± 0.4	2024-02-06
11381178	1B	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.3	2024-02-06
11381168	1C	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11381167	1D	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.0 ± 0.3	2024-02-06
11381186	1E	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.1 ± 0.4	2024-02-06
11381180	1F	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.9 ± 0.3	2024-02-06
11381181	1G	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11381176	1H	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.6 ± 0.3	2024-02-06
11381185	2	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.3	2024-02-06
11377994	21	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11377981	22	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11377996	24	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.9 ± 0.3	2024-02-06
11377995	25	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.0 ± 0.4	2024-02-06
11377999	26	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.0 ± 0.3	2024-02-06
11377990	27	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.0 ± 0.3	2024-02-06

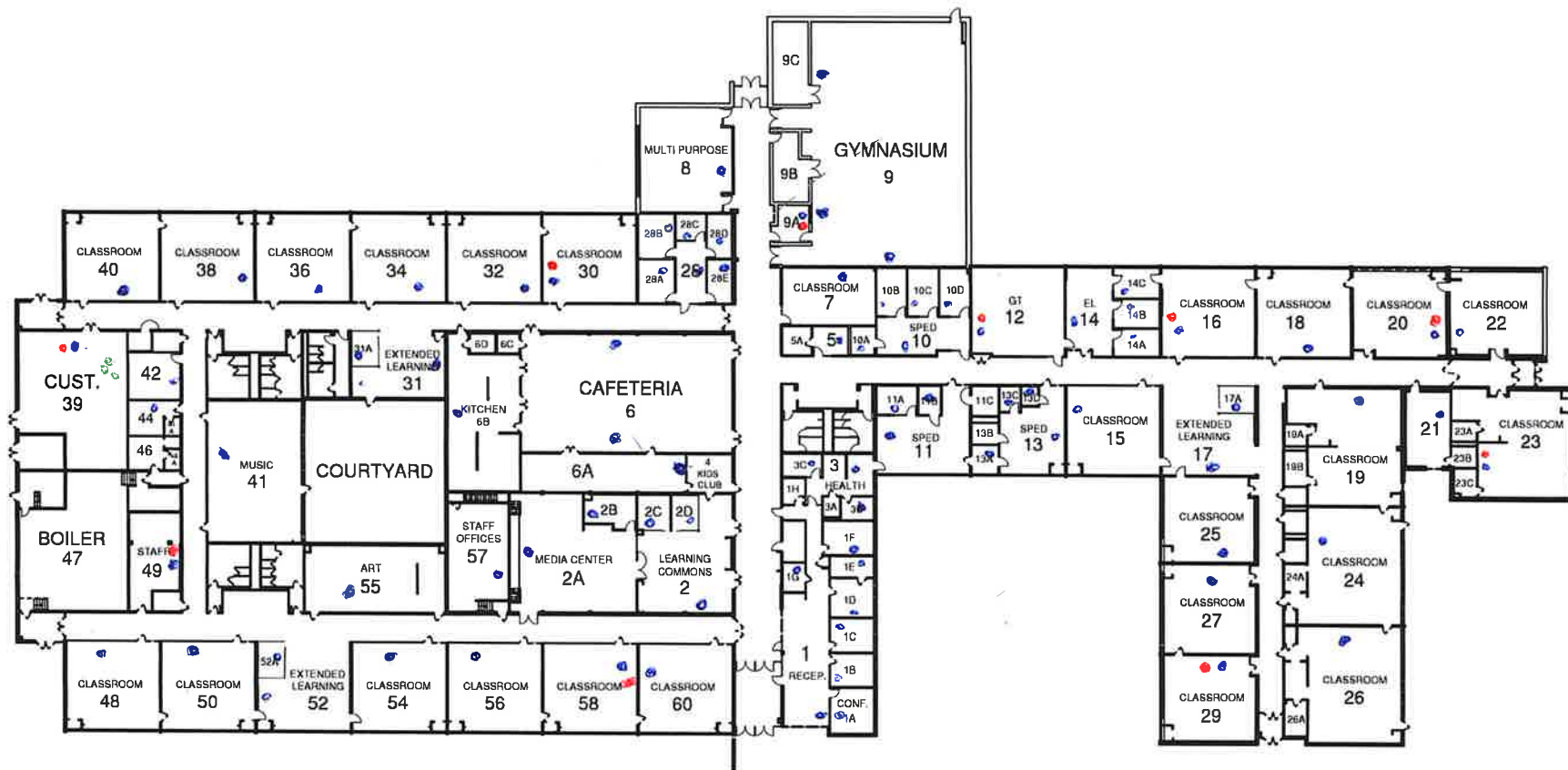
Radon test result report for:**EDINA PUBLIC SCHOOLS
CORNELIA ELEMENTARY**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11377963	28	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11377968	28A	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11377967	28B	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.9 ± 0.3	2024-02-06
11377962	28C	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.8 ± 0.3	2024-02-06
11377961	28D	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.7 ± 0.3	2024-02-06
11377960	28E	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11381162	2A	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.6 ± 0.3	2024-02-06
11381169	2B	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.6 ± 0.3	2024-02-06
11381199	2C	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.6 ± 0.3	2024-02-06
11381200	2D	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.5 ± 0.3	2024-02-06
11381163	3	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.3	2024-02-06
11377945	31 LEARNING COMMONS	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.5 ± 0.4	2024-02-06
11377926	31A	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.3 ± 0.3	2024-02-06
11377947	32	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.0 ± 0.3	2024-02-06
11377944	34	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.0 ± 0.3	2024-02-06
11377941	36	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.8 ± 0.3	2024-02-06
11377943	38	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11381164	3B	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.6 ± 0.3	2024-02-06
11381171	3C	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.3	2024-02-06
11377942	40	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.8 ± 0.3	2024-02-06
11381192	41	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11381197	42	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.4	2024-02-06
11381198	44	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.0 ± 0.3	2024-02-06
11381182	48	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.6 ± 0.3	2024-02-06
11377969	5	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11381188	50	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.2 ± 0.4	2024-02-06
11381183	52	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.3	2024-02-06
11381184	52A	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.9 ± 0.4	2024-02-06
11381191	54	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.3	2024-02-06
11381161	55	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.0 ± 0.3	2024-02-06
11381177	56	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.4	2024-02-06
11381193	57	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.1 ± 0.3	2024-02-06
11381194	60	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.3	2024-02-06
11377965	7	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11377959	8	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377951	CAFETERIA E	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.7 ± 0.3	2024-02-06
11377948	CAFETERIA W	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.0 ± 0.3	2024-02-06

Radon test result report for:**EDINA PUBLIC SCHOOLS
CORNELIA ELEMENTARY**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11377977	D12-1	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.7 ± 0.3	2024-02-06
11377976	D12-2	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.8 ± 0.3	2024-02-06
11377983	D16-1	2024-01-30 @ 10:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11377979	D16-2	2024-01-30 @ 10:00 am	2024-02-02 @ 11:00 am	0.6 ± 0.3	2024-02-06
11377988	D20-1	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.9 ± 0.4	2024-02-06
11377982	D20-2	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.3	2024-02-06
11377989	D23-1	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11377993	D23-2	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.3	2024-02-06
11377998	D29-1	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.7 ± 0.3	2024-02-06
11377997	D29-2	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	1.0 ± 0.3	2024-02-06
11377953	D30-1	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.0 ± 0.3	2024-02-06
11377954	D30-2	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.2 ± 0.3	2024-02-06
11377936	D39-1	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.7 ± 0.3	2024-02-06
11377940	D39-2	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.6 ± 0.3	2024-02-06
11381196	D49-1	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.4	2024-02-06
11381195	D49-2	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11381179	D58-1	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.3	2024-02-06
11381170	D58-2	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	0.8 ± 0.3	2024-02-06
11377958	D9A-1	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.0 ± 0.3	2024-02-06
11377957	D9A-2	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11378000	FSTORAGE ROOM A	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11381190	FSTORAGE ROOM B	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11381174	FSTORAGE ROOM C	2024-01-30 @ 11:00 am	2024-02-02 @ 11:00 am	< 0.3	2024-02-06
11377950	GYM NE	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377949	GYM OFFICE	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	1.0 ± 0.4	2024-02-06
11377956	GYM S	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377955	GYM SE	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	< 0.3	2024-02-06
11377946	KITCHEN	2024-01-30 @ 10:00 am	2024-02-02 @ 10:00 am	0.9 ± 0.3	2024-02-06
11381148	OSTORAGE ROOM A	2024-01-30 @ 2:00 pm	2024-02-02 @ 1:00 pm	< 0.3	2024-02-06
11381153	OSTORAGE ROOM B	2024-01-30 @ 2:00 pm	2024-02-02 @ 1:00 pm	< 0.3	2024-02-06
11381154	OSTORAGE ROOM C	2024-01-30 @ 2:00 pm	2024-02-02 @ 1:00 pm	< 0.3	2024-02-06

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INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.315.7900 Toll Free: 800.203.9513
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CORNELIA ELEMENTARY SCHOOL

FIRST LEVEL FLOOR PLAN

EDINA ISD #273
APRIL 2017



Radon test result report for:**EDINA PUBLIC SCHOOLS****EDINA HIGH SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11383524	300 COMMONS NORTH	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.7 ± 0.3	2024-02-05
11383538	300 COMMONS SOUTH	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.4	2024-02-05
11383598	300 E COMMON WEST	2024-01-29 @ 1:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.3	2024-02-05
11383599	300 E COMMONS EAST	2024-01-29 @ 1:00 pm	2024-02-01 @ 9:00 am	1.0 ± 0.4	2024-02-05
11383532	362 RECEPTION	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	< 0.3	2024-02-05
11381303	CAFETERIA NORTHEAST	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.4	2024-02-05
11381309	CAFETERIA NORTHWEST	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11381302	CAFETERIA SOUTH	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.3	2024-02-05
11381307	CAFETERIA SOUTHEAST	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11383530	CAHILL C	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.4	2024-02-05
11381393	CORNELIA COMMON AREA	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.4	2024-02-05
11381364	COUNTRY SIDE COMMON AREA	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	< 0.3	2024-02-05
11381361	COUNTRY SIDE NORTH	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.7 ± 0.3	2024-02-05
11381363	COUNTRY SIDE SOUTH	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.3	2024-02-05
11383588	CREEK VALLEY SOUTH	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.3	2024-02-05
11381339	D CONFERENCE ROOM A-1	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.0 ± 0.4	2024-02-05
11381346	D CONFERENCE ROOM A-2	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.1 ± 0.4	2024-02-05
11381345	D CONFERENCE ROOM B-1	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.4 ± 0.4	2024-02-05
11381340	D CONFERENCE ROOM B-2	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11383540	DCAHILL C-1	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.5 ± 0.3	2024-02-05
11383541	DCAHILL C-2	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.5 ± 0.4	2024-02-05
11381384	DE132-1	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.4	2024-02-05
11381385	DE132-2	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.5 ± 0.4	2024-02-05
11383522	DE238-1	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	1.7 ± 0.4	2024-02-06
11383536	DE238-2	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	1.5 ± 0.4	2024-02-05
11381204	DE337-1	2024-01-29 @ 1:00 pm	2024-02-01 @ 9:00 am	0.8 ± 0.4	2024-02-05
11381207	DE337-2	2024-01-29 @ 1:00 pm	2024-02-01 @ 9:00 am	0.6 ± 0.3	2024-02-05
11383589	DE340-1	2024-01-29 @ 12:00 pm	2024-02-01 @ 10:00 am	1.2 ± 0.4	2024-02-05
11383590	DE340-2	2024-01-29 @ 12:00 pm	2024-02-01 @ 10:00 am	0.6 ± 0.3	2024-02-05
11383595	DE342-1	2024-01-29 @ 12:00 pm	2024-02-01 @ 10:00 am	0.7 ± 0.3	2024-02-05
11383587	DE342-2	2024-01-29 @ 12:00 pm	2024-02-01 @ 10:00 am	0.7 ± 0.3	2024-02-05
11383515	DN003-1	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.2 ± 0.4	2024-02-05
11383516	DN003-2	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.1 ± 0.4	2024-02-05
11383512	DN007-1	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.0 ± 0.4	2024-02-06
11383518	DN007-2	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	0.8 ± 0.4	2024-02-05
11381374	DN101-1	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.6 ± 0.3	2024-02-05
11381367	DN101-2	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.3	2024-02-05

Radon test result report for:**EDINA PUBLIC SCHOOLS****EDINA HIGH SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11381366	DN200-1	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.3	2024-02-05
11381368	DN200-2	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.3	2024-02-05
11381209	DS250A-1	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381210	DS250A-2	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381343	DS261-1	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11381341	DS261-2	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.4	2024-02-05
11381312	DS272-1	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	1.0 ± 0.4	2024-02-05
11381313	DS272-2	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.3	2024-02-05
11383553	DS393-1	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.7 ± 0.4	2024-02-05
11383548	DS393-2	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.7 ± 0.4	2024-02-05
11381359	DW223-1	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.3	2024-02-05
11381357	DW223-2	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.3	2024-02-05
11383600	DW310-1	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.8 ± 0.3	2024-02-05
11383596	DW310-2	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.3	2024-02-05
11383594	DW314-1	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.3	2024-02-05
11383593	DW314-2	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.8 ± 0.3	2024-02-05
11381387	E130	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.4	2024-02-05
11381388	E131	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.3	2024-02-05
11381386	E131 OFFICE	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.1 ± 0.4	2024-02-05
11381390	E133	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.4	2024-02-05
11381389	E134	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.4	2024-02-05
11381398	E135	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	0.7 ± 0.3	2024-02-05
11381397	E136	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.4	2024-02-05
11381395	E137	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.4	2024-02-05
11381400	E138	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	1.1 ± 0.4	2024-02-05
11381380	E139	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	0.6 ± 0.4	2024-02-05
11381396	E140	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	0.6 ± 0.3	2024-02-05
11381392	E141	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	0.6 ± 0.4	2024-02-05
11381399	E142	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.4	2024-02-05
11381391	E143	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	0.6 ± 0.3	2024-02-05
11383501	E144A	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	< 0.3	2024-02-05
11381394	E144B	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.4	2024-02-05
11381362	E203	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.7 ± 0.3	2024-02-05
11383528	E230	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	0.6 ± 0.4	2024-02-05
11383517	E231	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11383534	E232	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11383523	E232 OFFICE	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	< 0.3	2024-02-05

Radon test result report for:**EDINA PUBLIC SCHOOLS****EDINA HIGH SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11383529	E234	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	0.8 ± 0.4	2024-02-05
11383535	E236	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	0.8 ± 0.3	2024-02-05
11383533	E237	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	0.8 ± 0.3	2024-02-05
11381306	E240C	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11381308	E240D	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11381310	E240E	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11381203	E322	2024-01-29 @ 1:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.4	2024-02-05
11383591	E330	2024-01-29 @ 1:00 pm	2024-02-01 @ 10:00 am	0.6 ± 0.3	2024-02-05
11383597	E333	2024-01-29 @ 12:00 pm	2024-02-01 @ 10:00 am	0.9 ± 0.3	2024-02-05
11383592	E334	2024-01-29 @ 1:00 pm	2024-02-01 @ 10:00 am	0.7 ± 0.3	2024-02-05
11381201	E335	2024-01-29 @ 1:00 pm	2024-02-01 @ 10:00 am	0.8 ± 0.3	2024-02-05
11381202	E336	2024-01-29 @ 1:00 pm	2024-02-01 @ 10:00 am	0.7 ± 0.3	2024-02-05
11383557	EPAC EAST	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	0.6 ± 0.4	2024-02-05
11383554	EPAC STAGE EAST	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	1.1 ± 0.3	2024-02-05
11383552	EPAC STAGE WEST	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383547	EPAC TICKET SALES	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	1.0 ± 0.4	2024-02-05
11383559	EPAC WEST	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	0.8 ± 0.4	2024-02-05
11383585	FICK AUDITORIUM NORTHEAST	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	1.2 ± 0.3	2024-02-05
11383584	FICK AUDITORIUM NORTHWEST	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	1.0 ± 0.4	2024-02-05
11383583	FICK AUDITORIUM SOUTHEAST	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	1.2 ± 0.4	2024-02-05
11383578	FICK AUDITORIUM SOUTHWEST	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.9 ± 0.4	2024-02-05
11381206	FSTORAGE A	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381205	FSTORAGE B	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381208	FSTORAGE C	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381213	FSTORAGE D	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381211	FSTORAGE E	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381214	FSTORAGE F	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381215	FSTORAGE G	2024-01-29 @ 1:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381334	GRANGE HALL CENTER	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.3	2024-02-05
11381336	GRANGE HALL COMMON AREA	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11381335	GRANGE HALL EAST	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11383568	J305	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.9 ± 0.3	2024-02-05
11381301	K220	2024-01-29 @ 7:00 am	2024-02-01 @ 11:00 am	0.8 ± 0.3	2024-02-05
11381305	KITCHEN	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.4	2024-02-05
11383555	L308	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	1.0 ± 0.3	2024-02-05
11383549	L329	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	0.9 ± 0.3	2024-02-05
11381344	MAIN OFFICE RECEPTION	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.0 ± 0.3	2024-02-05

Radon test result report for:**EDINA PUBLIC SCHOOLS
EDINA HIGH SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11383502	N001 1	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	0.9 ± 0.3	2024-02-05
11383503	N001 2	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.1 ± 0.4	2024-02-05
11383504	N001 3	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	0.9 ± 0.3	2024-02-05
11383505	N001 4	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.2 ± 0.4	2024-02-05
11383509	N001 5	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.2 ± 0.3	2024-02-05
11383510	N001 6	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	0.8 ± 0.4	2024-02-05
11383506	N001 7	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.0 ± 0.3	2024-02-05
11383511	N001 8	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	< 0.3	2024-02-05
11383508	N002 WEST 1	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	< 0.3	2024-02-05
11383514	N002 WEST 2	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.1 ± 0.4	2024-02-06
11383507	N002 WEST 3	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	0.6 ± 0.4	2024-02-06
11383513	N002 WEST 4	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	< 0.3	2024-02-05
11383521	N005	2024-01-29 @ 10:00 am	2024-02-01 @ 10:00 am	1.3 ± 0.4	2024-02-05
11381381	N102 NORTHWEST	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.4	2024-02-05
11381372	N102 SOUTH	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	< 0.3	2024-02-05
11381375	N102 SOUTHEAST	2024-01-29 @ 9:00 am	2024-02-01 @ 10:00 am	0.7 ± 0.4	2024-02-06
11381370	N102 SOUTHWEST	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.3	2024-02-05
11381376	N102 WEST	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.3	2024-02-05
11381382	N102 WEST WALL-SOUTH	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.4	2024-02-05
11381377	N106	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.4	2024-02-05
11381378	N107	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.3	2024-02-05
11381383	N108	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.1 ± 0.3	2024-02-05
11381379	N109	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.3	2024-02-05
11381373	N202	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.6 ± 0.4	2024-02-05
11381369	N203	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.3	2024-02-05
11381365	N204	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.3	2024-02-05
11383520	N205 NORTHEAST	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	1.1 ± 0.3	2024-02-05
11383519	N205 NORTHWEST	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	1.5 ± 0.4	2024-02-05
11383525	N205 SOUTHEAST	2024-01-29 @ 10:00 am	2024-02-01 @ 11:00 am	1.6 ± 0.4	2024-02-05
11383527	N205 SOUTHWEST	2024-01-29 @ 11:00 am	2024-02-01 @ 11:00 am	1.6 ± 0.4	2024-02-05
11383335	OSTORAGE A	2024-01-29 @ 5:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05
11383333	OSTORAGE B	2024-01-29 @ 5:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05
11383367	OSTORAGE C	2024-01-29 @ 5:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05
11383334	OSTORAGE D	2024-01-29 @ 5:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05
11383572	PRACTICE ROOM A	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.4	2024-02-05
11383573	PRACTICE ROOM B	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383569	PRACTICE ROOM C	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.5 ± 0.3	2024-02-05

Radon test result report for:

**EDINA PUBLIC SCHOOLS
EDINA HIGH SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11383567	PRACTICE ROOM D	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.6 ± 0.3	2024-02-05
11383561	PRACTICE ROOM E	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.8 ± 0.4	2024-02-05
11381353	RECEPTION ACROSS W224B	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.3	2024-02-05
11383332	S250	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.9 ± 0.4	2024-02-05
11381342	S260	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.4	2024-02-05
11381338	S262	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.3	2024-02-05
11381304	S270	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.3	2024-02-05
11381311	S271	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11381314	S273	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11381316	S274A	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11381332	S280	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.4	2024-02-05
11381337	S281	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11381319	S282	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.4	2024-02-05
11381320	S283	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.4	2024-02-05
11381321	S284	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.4	2024-02-05
11381317	S285	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11381318	S286	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	1.1 ± 0.4	2024-02-05
11381322	S286A	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11381324	S286B	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.3	2024-02-05
11381323	S286C	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.9 ± 0.4	2024-02-05
11381329	S287	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.0 ± 0.4	2024-02-05
11381331	S290	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.4	2024-02-05
11381328	S291	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.6 ± 0.3	2024-02-05
11381330	S292	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.0 ± 0.4	2024-02-05
11381326	S293	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.4	2024-02-05
11381325	S294	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.4	2024-02-05
11381327	S295	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.9 ± 0.4	2024-02-05
11383574	S350 NORTHEAST	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383575	S350 NORTHWEST	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.8 ± 0.3	2024-02-05
11383577	S351	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.5 ± 0.4	2024-02-05
11383576	S353	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	1.0 ± 0.4	2024-02-05
11383562	S354 NORTH	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383570	S354 SOUTH	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383565	S355	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.6 ± 0.3	2024-02-05
11383564	S356 NORTH	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.3	2024-02-05
11383563	S356 OFFICE	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.6 ± 0.3	2024-02-05
11383556	S356 SOUTH	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05

Radon test result report for:**EDINA PUBLIC SCHOOLS
EDINA HIGH SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11383537	S362P	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	< 0.3	2024-02-05
11383531	S380	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	< 0.3	2024-02-05
11383539	S380A	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	< 0.3	2024-02-05
11383546	S390	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.8 ± 0.4	2024-02-05
11383566	S390 OFFICE	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.8 ± 0.4	2024-02-05
11383560	S391	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383558	S392	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	1.0 ± 0.4	2024-02-05
11383545	S393A	2024-01-29 @ 11:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.3	2024-02-05
11383542	S394	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	0.9 ± 0.4	2024-02-05
11383543	S394A	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	1.0 ± 0.3	2024-02-05
11383544	S395	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	1.3 ± 0.4	2024-02-05
11383550	S395A	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	25.6 ± 2.0	2024-02-05
11383551	S396	2024-01-29 @ 11:00 am	2024-02-01 @ 9:00 am	0.7 ± 0.3	2024-02-05
11383526	SCHOOL STORE OFFICE	2024-01-29 @ 10:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.4	2024-02-05
11381315	SERVING	2024-01-29 @ 7:00 am	2024-02-01 @ 7:00 am	0.8 ± 0.4	2024-02-05
11383343	W210	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.3	2024-02-05
11383342	W211	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.4	2024-02-05
11383337	W212	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.1 ± 0.3	2024-02-05
11383339	W213	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.2 ± 0.4	2024-02-05
11381356	W214	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.4	2024-02-05
11381358	W215	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	0.8 ± 0.3	2024-02-05
11381360	W216	2024-01-29 @ 9:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.3	2024-02-05
11383340	W217	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	0.9 ± 0.3	2024-02-05
11383341	W218	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.1 ± 0.3	2024-02-05
11383336	W219	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.1 ± 0.4	2024-02-05
11383368	W220	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.4	2024-02-05
11383344	W221	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.0 ± 0.4	2024-02-05
11383338	W222	2024-01-29 @ 8:00 am	2024-02-01 @ 8:00 am	1.1 ± 0.4	2024-02-05
11381354	W224A	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.5 ± 0.4	2024-02-05
11381355	W224B	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	0.7 ± 0.3	2024-02-05
11381352	W224C	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.0 ± 0.4	2024-02-05
11381350	W224D	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.0 ± 0.3	2024-02-05
11381348	W224E	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.1 ± 0.4	2024-02-05
11381349	W224F	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.2 ± 0.4	2024-02-05
11381347	W224G	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	1.1 ± 0.4	2024-02-05
11381351	W224H	2024-01-29 @ 8:00 am	2024-02-01 @ 7:00 am	< 0.3	2024-02-05
11383586	W318	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.7 ± 0.3	2024-02-05

February 6, 2024

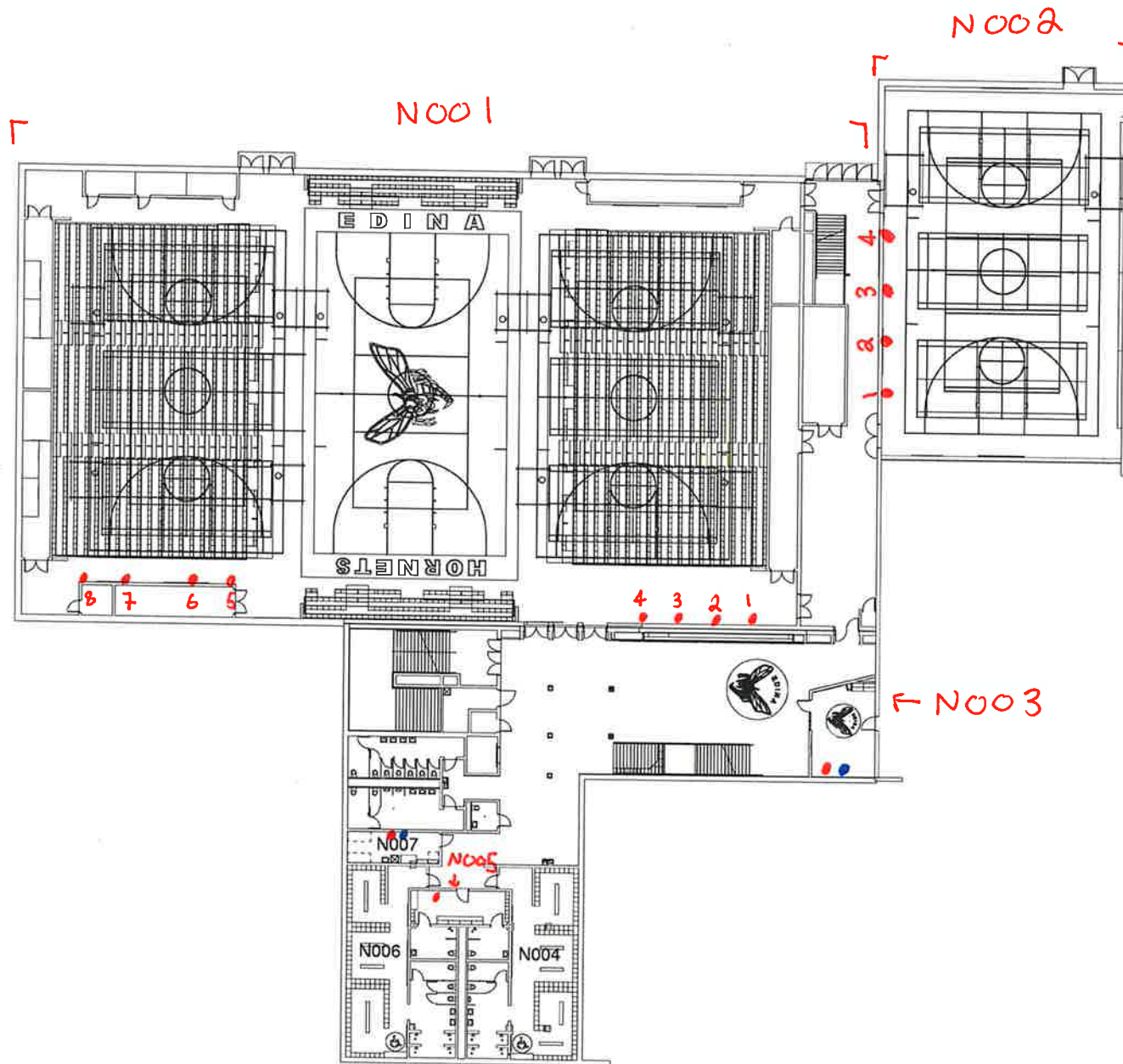
**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
EDINA PUBLIC SCHOOLS
EDINA HIGH SCHOOL

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11383580	W321	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.5 ± 0.3	2024-02-05
11383579	W322	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383581	W323	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	< 0.3	2024-02-05
11383582	W324	2024-01-29 @ 12:00 pm	2024-02-01 @ 9:00 am	0.6 ± 0.3	2024-02-05

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498

- Radon Kit
- Duplicate



INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

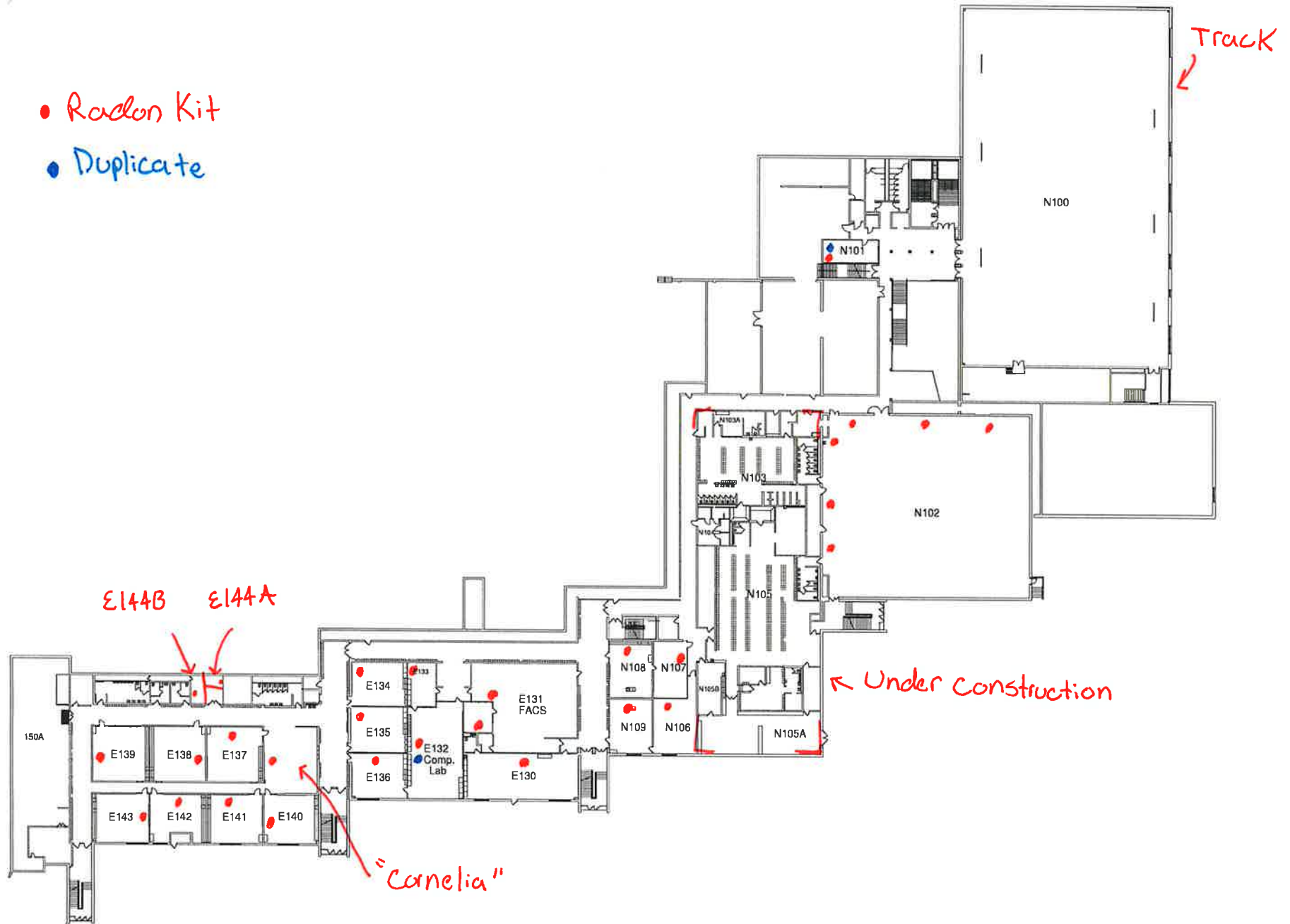
9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.315.7900 Toll Free: 800.233.9513
Fax: 763.315.7920

EDINA HIGH SCHOOL

ATHLETICS LEVEL - 0 FLOOR PLAN JULY 2017



- Radon Kit
- Duplicate



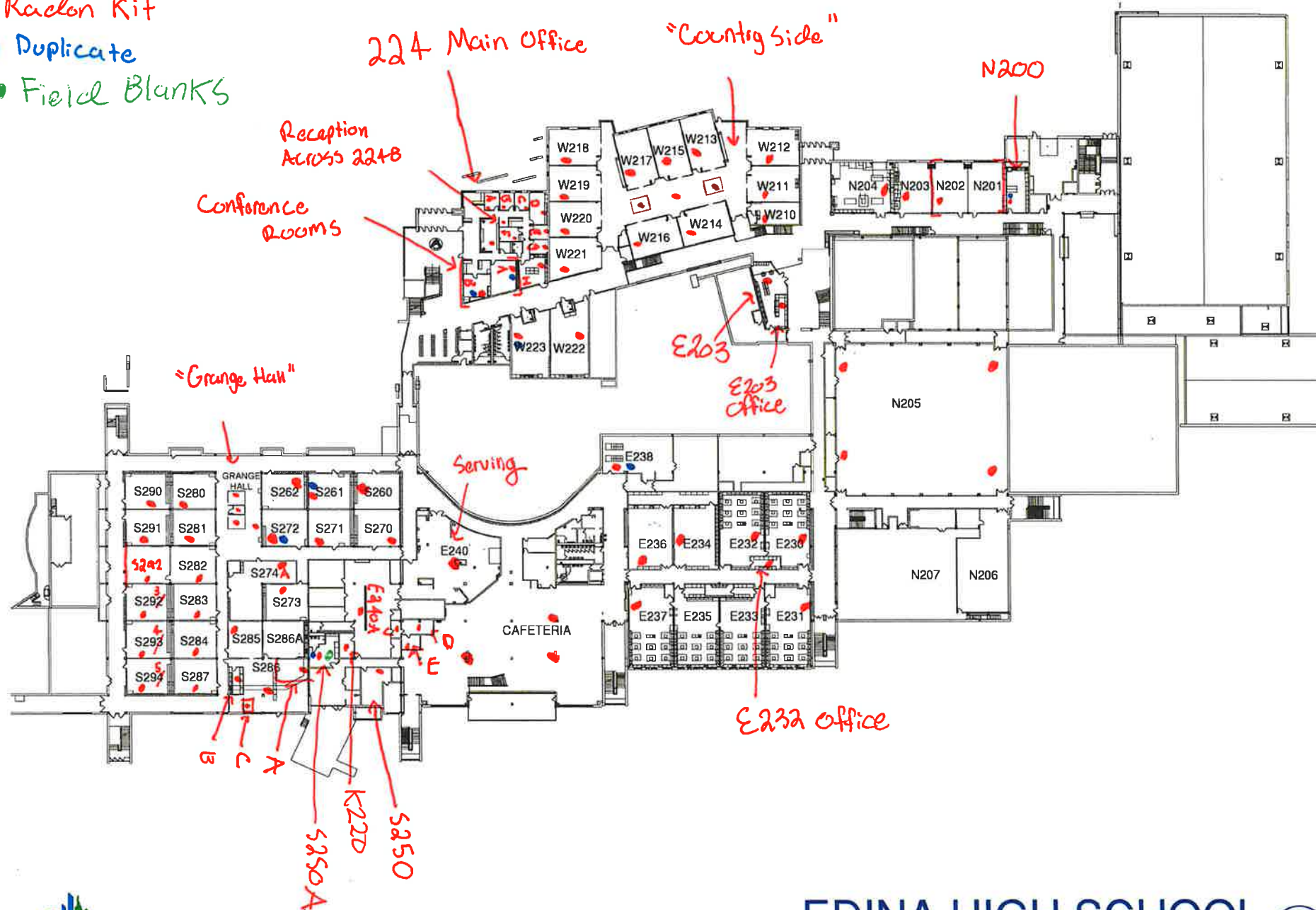
INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.315.7900 Toll Free: 800.233.9513
Fax: 763.315.7920

EDINA HIGH SCHOOL
LOWER LEVEL-1ST FLOOR PLAN JULY 2017



- Radon Kit
- Duplicate
- Field Blanks



INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

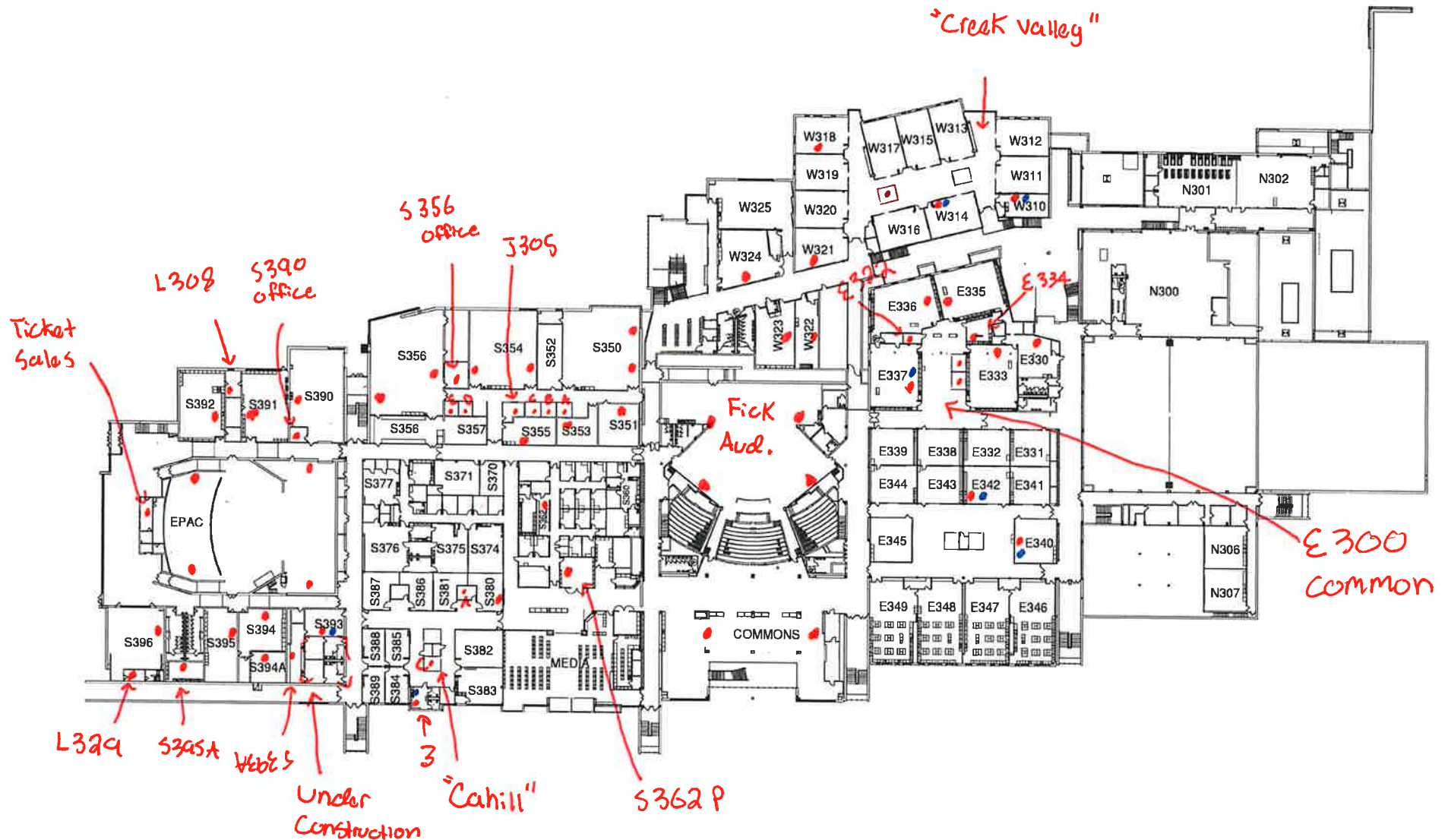
9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.315.7900 Toll Free: 800.233.0513
Fax: 763.315.7920

EDINA HIGH SCHOOL

MAIN LEVEL - 2ND FLOOR PLAN | AUGUST 2017



- Radon kit
- Duplicate



INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.315.7000 Toll Free: 800.233.0513
Fax: 763.315.7020

EDINA HIGH SCHOOL

UPPER LEVEL- 3RD FLOOR PLAN JULY 2017



Radon test result report for:**EDINA PUBLIC SCHOOLS
SOUTHVIEW MIDDLE SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11377931	109 OFFICE	2024-01-29 @ 4:00 pm	2024-02-01 @ 11:00 am	0.9 ± 0.3	2024-02-05
11381266	112	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.6 ± 0.4	2024-02-06
11381268	112 OFFICE	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-06
11381265	114	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.6 ± 0.3	2024-02-05
11381261	115	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.8 ± 0.4	2024-02-06
11381262	116	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.5 ± 0.4	2024-02-05
11381260	124	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.1 ± 0.4	2024-02-06
11381251	125	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-06
11381256	125 NORTH CENTER	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.7 ± 0.3	2024-02-05
11381255	125 NW	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.2 ± 0.4	2024-02-06
11381249	125 SE	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.0 ± 0.4	2024-02-05
11381250	125 SW	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.7 ± 0.3	2024-02-05
11381259	126	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.1 ± 0.4	2024-02-05
11381254	127	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.2 ± 0.4	2024-02-06
11381252	127 COT ROOM	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.2 ± 0.4	2024-02-05
11381253	127 OFFICE	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.3 ± 0.4	2024-02-06
11381238	128	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.8 ± 0.4	2024-02-06
11381245	128A	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.4	2024-02-06
11381239	132	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.3	2024-02-06
11381237	133	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.1 ± 0.4	2024-02-05
11381236	134	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.3	2024-02-05
11381235	134A	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.3 ± 0.3	2024-02-05
11381234	135	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.6 ± 0.4	2024-02-05
11381233	137	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.7 ± 0.4	2024-02-06
11381230	139A	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.6 ± 0.4	2024-02-05
11381220	139B	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.9 ± 0.3	2024-02-06
11381226	139C	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	3.4 ± 0.4	2024-02-05
11381227	139D	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.6 ± 0.3	2024-02-05
11381228	139E	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	2.0 ± 0.4	2024-02-05
11381221	141	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.0 ± 0.4	2024-02-06
11381232	143	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.8 ± 0.3	2024-02-05
11381229	143-A	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.0 ± 0.4	2024-02-06
11381216	143-B	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.6 ± 0.3	2024-02-05
11381231	143-D	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.9 ± 0.4	2024-02-06
11381219	143-E	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.8 ± 0.4	2024-02-06
11381267	209	2024-01-29 @ 2:00 pm	2024-02-01 @ 1:00 pm	0.8 ± 0.3	2024-02-05
11377927	217	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	0.7 ± 0.4	2024-02-05

Radon test result report for:**EDINA PUBLIC SCHOOLS
SOUTHVIEW MIDDLE SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11381275	220	2024-01-29 @ 2:00 pm	2024-02-01 @ 1:00 pm	0.9 ± 0.3	2024-02-05
11377913	231	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	0.8 ± 0.3	2024-02-05
11377919	247	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381270	250 NORTHEAST	2024-01-29 @ 2:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381269	250 NORTHWEST	2024-01-29 @ 2:00 pm	2024-02-01 @ 1:00 pm	0.5 ± 0.3	2024-02-05
11381271	251	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.5 ± 0.3	2024-02-05
11381297	252	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	0.6 ± 0.3	2024-02-05
11381273	253	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11377910	254	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-06
11381274	255	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381276	257	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381298	258	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	0.8 ± 0.4	2024-02-05
11381272	259	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.6 ± 0.3	2024-02-05
11381277	259C	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.9 ± 0.4	2024-02-05
11377907	260A	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	0.7 ± 0.3	2024-02-06
11377908	260B	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	0.5 ± 0.3	2024-02-05
11381278	261	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.7 ± 0.3	2024-02-05
11381299	262	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.4	2024-02-06
11381281	263	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	1.1 ± 0.4	2024-02-06
11381300	264	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	0.6 ± 0.3	2024-02-05
11381279	265 N	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	1.3 ± 0.4	2024-02-05
11381282	265 S	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	1.4 ± 0.4	2024-02-06
11381296	266	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	1.0 ± 0.4	2024-02-06
11377903	266A	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05
11377904	266B	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-06
11381280	269	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.9 ± 0.3	2024-02-05
11381283	275	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.7 ± 0.3	2024-02-05
11377911	276	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381285	279A/279B N	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.9 ± 0.4	2024-02-05
11381292	279A/279B NORTH CENTER	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-06
11381288	279A/279B NORTHEAST	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381286	279A/279B NW	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381284	279A/279B SW	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381291	279A/279B W	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-06
11381287	285	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	1.5 ± 0.4	2024-02-05
11381294	286	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381293	291	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05

Radon test result report for:**EDINA PUBLIC SCHOOLS
SOUTHVIEW MIDDLE SCHOOL**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11381289	295	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-06
11381290	297	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05
11381295	299	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	0.6 ± 0.4	2024-02-05
11377922	301	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	0.5 ± 0.3	2024-02-05
11377914	314	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381243	ASSISTANT PRINCIPALS OFFICE	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.4	2024-02-06
11381223	CAFETERIA NORTH	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.0 ± 0.4	2024-02-05
11381218	CAFETERIA SOUTHEAST	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	< 0.3	2024-02-05
11381217	CAFETERIA SOUTHWEST	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.7 ± 0.3	2024-02-05
11377929	D109-1	2024-01-29 @ 4:00 pm	2024-02-01 @ 11:00 am	0.5 ± 0.3	2024-02-05
11377930	D109-2	2024-01-29 @ 4:00 pm	2024-02-01 @ 11:00 am	0.9 ± 0.4	2024-02-06
11381263	D113-1	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.3	2024-02-05
11381264	D113-2	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.7 ± 0.3	2024-02-05
11381257	D125 NE-1	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.4	2024-02-05
11381258	D125 NE-2	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.1 ± 0.4	2024-02-05
11381240	D130-1	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.1 ± 0.4	2024-02-06
11381241	D130-2	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.4	2024-02-06
11377917	D205-1	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	0.9 ± 0.4	2024-02-05
11377918	D205-2	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11377912	D227-1	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	0.6 ± 0.3	2024-02-05
11377906	D227-2	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	0.7 ± 0.3	2024-02-05
11377902	D260-1	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-06
11377905	D260-2	2024-01-29 @ 3:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05
11377915	D282-1	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.6 ± 0.3	2024-02-05
11377916	D282-2	2024-01-29 @ 3:00 pm	2024-02-01 @ 1:00 pm	0.8 ± 0.3	2024-02-05
11377920	D315-1	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	0.7 ± 0.3	2024-02-05
11377921	D315-2	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11381212	DCALM LUNCH SPACE-1	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	0.9 ± 0.3	2024-02-05
11381222	DCALM LUNCH SPACE-2	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.2 ± 0.3	2024-02-05
11381246	DMAIN OFFICE-1	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.1 ± 0.3	2024-02-05
11381247	DMAIN OFFICE-2	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.9 ± 0.4	2024-02-06
11377923	DOOR 4 STUDY AREA	2024-01-29 @ 4:00 pm	2024-02-01 @ 1:00 pm	< 0.3	2024-02-05
11377937	FSTORAGE ROOM A	2024-01-29 @ 4:00 pm	2024-02-01 @ 2:00 pm	< 0.3	2024-02-05
11377938	FSTORAGE ROOM B	2024-01-29 @ 4:00 pm	2024-02-01 @ 2:00 pm	< 0.3	2024-02-05
11377932	FSTORAGE ROOM C	2024-01-29 @ 4:00 pm	2024-02-01 @ 2:00 pm	< 0.3	2024-02-05
11377925	GYM 4 N	2024-01-29 @ 4:00 pm	2024-02-01 @ 12:00 pm	0.6 ± 0.4	2024-02-06
11377928	GYM 4 NW	2024-01-29 @ 4:00 pm	2024-02-01 @ 12:00 pm	< 0.3	2024-02-05

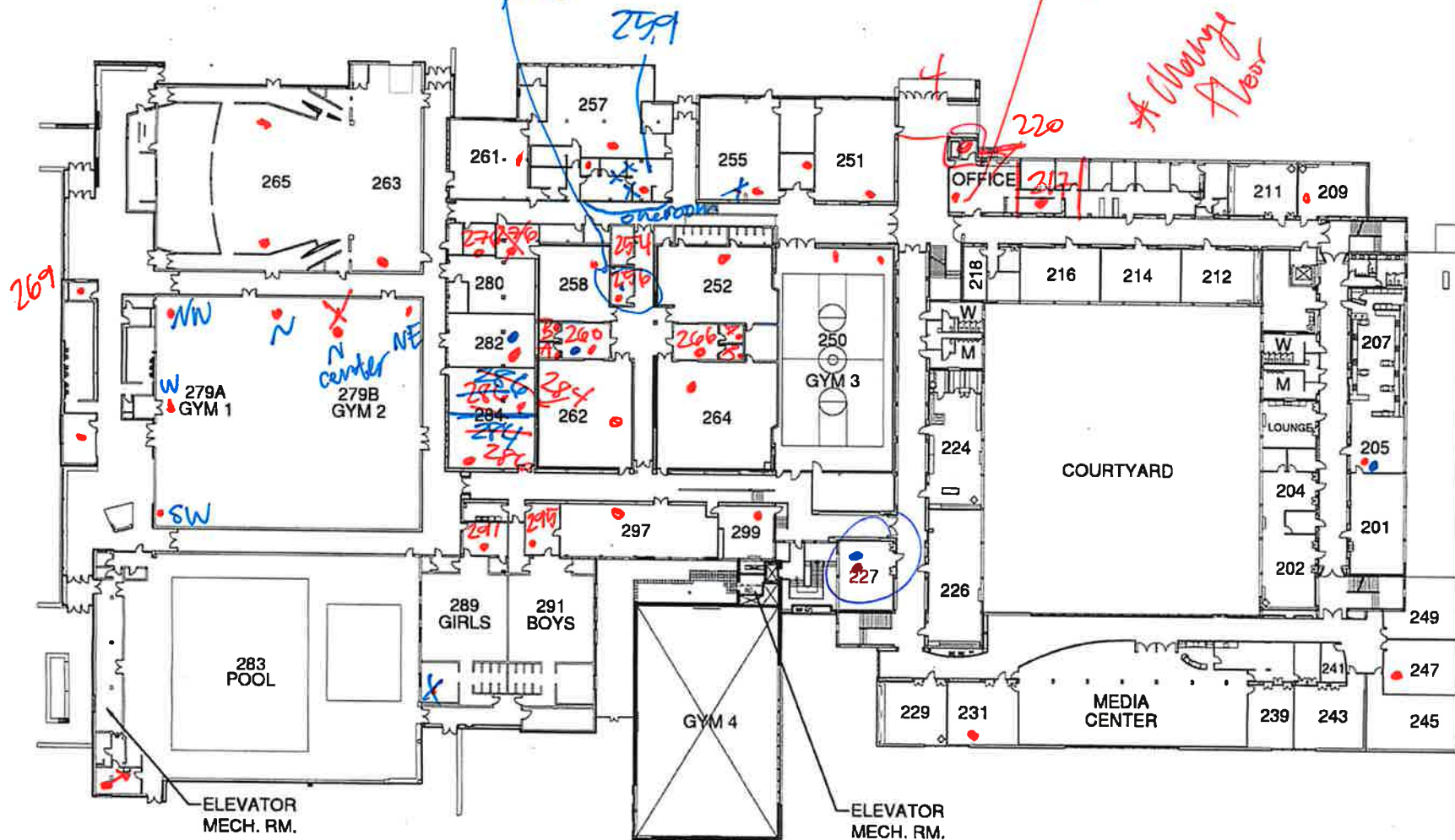
February 6, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
EDINA PUBLIC SCHOOLS
SOUTHVIEW MIDDLE SCHOOL

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11377924	GYM 4 S	2024-01-29 @ 4:00 pm	2024-02-01 @ 12:00 pm	0.5 ± 0.3	2024-02-05
11381224	KITCHEN	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.2 ± 0.4	2024-02-06
11381225	KITCHEN OFFICE	2024-01-29 @ 2:00 pm	2024-02-01 @ 11:00 am	1.0 ± 0.4	2024-02-06
11381244	MAIN OFFICE CENTER OFFICE	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.8 ± 0.3	2024-02-05
11381248	MAIN OFFICE COPY ROOM	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	1.1 ± 0.4	2024-02-05
11381242	PRINCIPALS OFFICE	2024-01-29 @ 2:00 pm	2024-02-01 @ 12:00 pm	0.8 ± 0.3	2024-02-06

Common Strip
left in Break Room
11377912 & 11377906: Fell down (227)
Index


$$104 - 9 = 95$$


INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

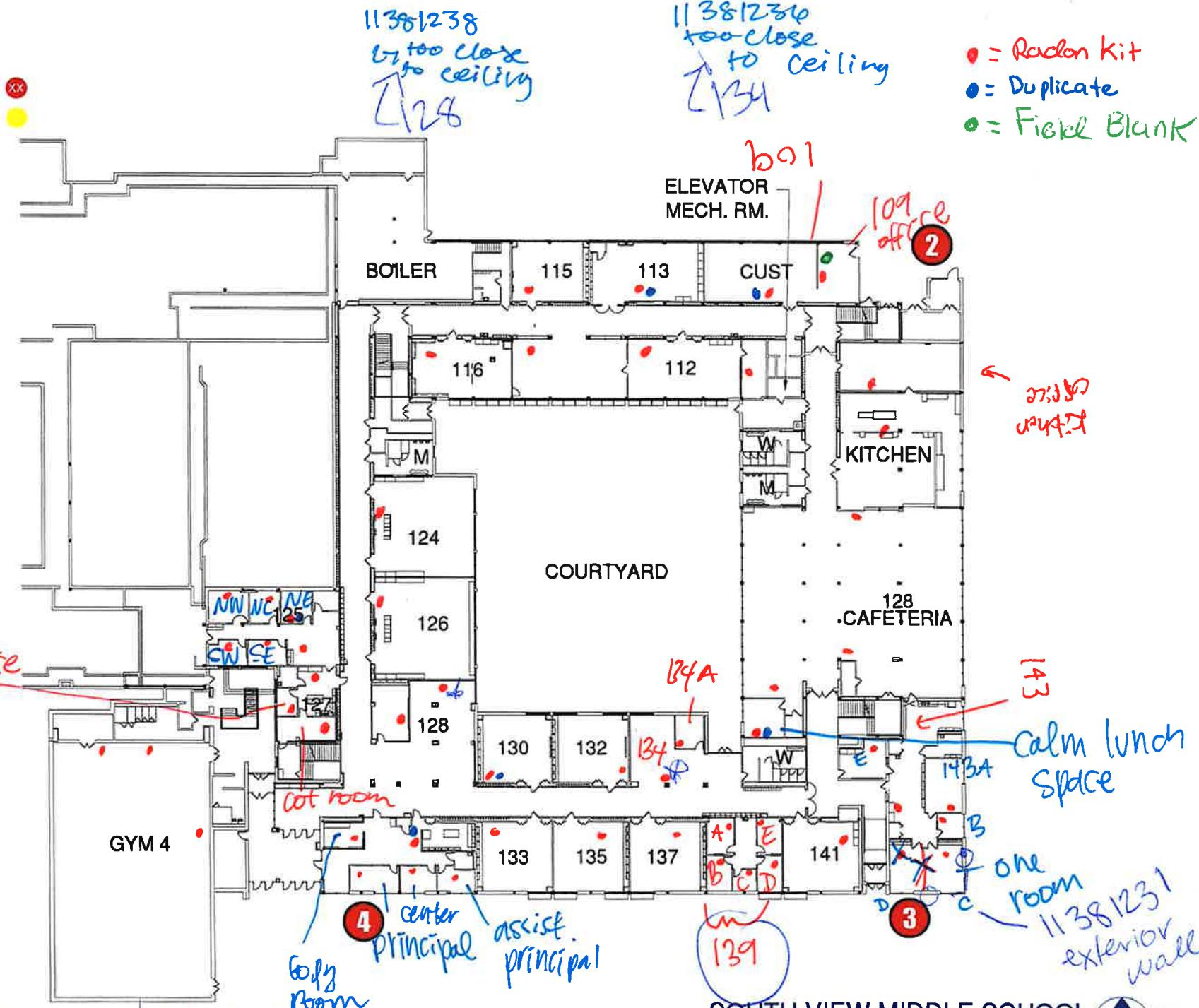
9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.315.7000 Toll Free: 800.233.9513
Fax: 763.315.7920

SOUTH VIEW MIDDLE SCHOOL

SECOND LEVEL FLOOR PLAN

EDINA ISD #273
APRIL 2016

S



INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.215.7900 Toll Free: 800.233.0513
Fax: 763.215.7920

SOUTH VIEW MIDDLE SCHOOL

LOWER LEVEL FLOOR PLAN

EDINA ISD #273
SEPTEMBER 2017





February 6, 2024

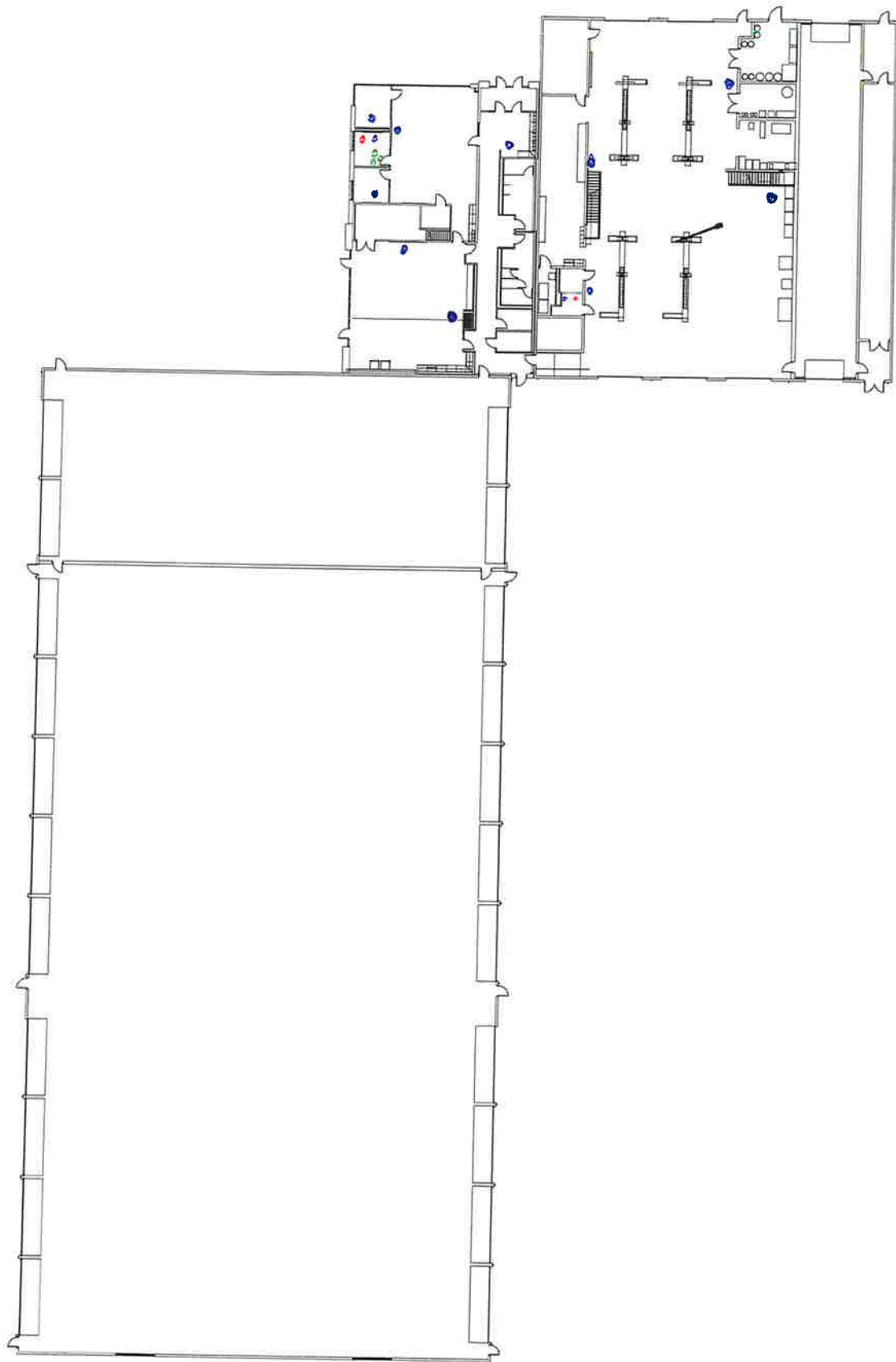
**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

**EDINA PUBLIC SCHOOLS
EDINA TRANSPORTATION CENTER**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11381173	101	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	1.2 ± 0.3	2024-02-06
11381155	103	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	1.3 ± 0.3	2024-02-06
11381165	BREAK ROOM LOUNGE	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	1.3 ± 0.4	2024-02-06
11381156	D102-1	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	1.5 ± 0.4	2024-02-06
11381187	D102-2	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	1.2 ± 0.3	2024-02-06
11381160	D121-1	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	2.1 ± 0.4	2024-02-06
11381158	D121-2	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	2.3 ± 0.4	2024-02-06
11381149	FSTORAGE ROOM A	2024-01-30 @ 1:00 pm	2024-02-02 @ 12:00 pm	< 0.3	2024-02-06
11381142	FSTORAGE ROOM B	2024-01-30 @ 1:00 pm	2024-02-02 @ 12:00 pm	< 0.3	2024-02-06
11381141	FSTORAGE ROOM C	2024-01-30 @ 1:00 pm	2024-02-02 @ 12:00 pm	< 0.3	2024-02-06
11381151	MAIN ENTRY MAIL ROOM	2024-01-30 @ 1:00 pm	2024-02-02 @ 12:00 pm	1.3 ± 0.3	2024-02-06
11381189	MAIN RECEPTION	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	1.1 ± 0.3	2024-02-06
11381150	NE BUS GARAGE	2024-01-30 @ 1:00 pm	2024-02-02 @ 12:00 pm	1.5 ± 0.4	2024-02-06
11381157	NW BUS GARAGE	2024-01-30 @ 1:00 pm	2024-02-02 @ 12:00 pm	1.7 ± 0.4	2024-02-06
11381152	SE BUS GARAGE	2024-01-30 @ 1:00 pm	2024-02-02 @ 12:00 pm	1.9 ± 0.4	2024-02-06
11381166	STAFF LOUNGE KITCHEN	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	1.1 ± 0.3	2024-02-06
11381159	SW BUS GARAGE	2024-01-30 @ 12:00 pm	2024-02-02 @ 12:00 pm	2.6 ± 0.4	2024-02-06

Air Chek 1936 Butler Bridge Rd, Mills River, NC 28759-3892 Phone: (828) 684-0893 Fax: (828) 684-8498



INSTITUTE FOR
ENVIRONMENTAL ASSESSMENT

9201 West Broadway Brooklyn Park, MN 55445
Tel: 763.315.7920 Toll Free: 800.233.9513
Fax: 763.315.7920

TRANSPORTATION CENTER
FIRST LEVEL FLOOR PLAN JULY 2017



Appendix D

Certified Radon Report:

*Continuous Radon Monitor Hourly Data
Test Conditions and Placement Worksheet
Interpreting Test Results*

and

Client Commitments, Advisories, and Authorizations



CERTIFIED RADON REPORT

February 12, 2024

Test Number: 2368-360

Property Inspected: 6754 Valley View Rd, Edina, MN 55439

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:

Edina Public Schools

5701 Normandale Road

Edina, MN 55424

Fax:		Placed By:	Jack Skluzacek (MN RMEA-00475)	Temp.	Pressure	R.H.
Calibrated:	10/12/2023 - 10/11/2024	Retrieved By:	Anastasia Shimkus (MN RMEA-00482)	Min:	62.0 29.3	26
Test Started:	02/07/2024 3:51 PM	Test Site:	S395A Dark Room	Avg:	67.6 29.5	30
Test Ended:	02/09/2024 4:33 PM	Test Duration:	48 hours	Max:	75.0 29.6	37

AVERAGE RADON CONCENTRATION:

1.9 pCi/l

Test has met minimum EPA sampling duration.

Uncertainty: $\pm 1.86\%$

Time	02/07/2024		02/08/2024		02/09/2024	
	pCi/l	Flags	pCi/l	Flags	pCi/l	Flags
00:51 am			0.7		1.2	
01:51			0.0		2.1	
02:51			0.5		1.9	
03:51			0.4		1.4	
04:51			0.9		0.8	
05:51			0.7		0.9	
06:51			1.0		0.5	
07:51			1.4		0.4	
08:51			0.9		0.7	
09:51			1.7		0.6	
10:51			1.3		1.4	
11:51			1.3		0.7	
12:51 pm			0.7		0.8	
01:51			2.5		4.5	
02:51			1.9		6.3	
03:51			2.0		8.0	
04:51	3.8		2.9			
05:51	3.4		1.5			
06:51	3.6		1.5			
07:51	4.4		1.1			
08:51	5.0		1.5			
09:51	2.7		2.2			
10:51	3.4		1.5			
11:51	2.7		1.4			

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: 2368-360

Property Inspected: 6754 Valley View Rd
Edina, MN 55439

	02/07/2024			02/08/2024			02/09/2024		
Time	Temp	InHg	RH	Temp	InHg	RH	Temp	InHg	RH
00:51 am				69.0	29.5	27	68.0	29.4	30
01:51				69.0	29.5	26	68.0	29.5	30
02:51				69.0	29.5	26	68.0	29.5	26
03:51				68.0	29.4	30	66.0	29.5	26
04:51				68.0	29.4	30	66.0	29.5	26
05:51				68.0	29.4	34	64.0	29.5	26
06:51				68.0	29.4	34	64.0	29.5	26
07:51				68.0	29.4	33	62.0	29.5	26
08:51				68.0	29.4	34	62.0	29.6	27
09:51				68.0	29.3	34	62.0	29.6	27
10:51				68.0	29.3	34	62.0	29.6	26
11:51				68.0	29.3	33	64.0	29.6	30
12:51 pm				68.0	29.3	33	64.0	29.6	30
01:51				68.0	29.3	33	66.0	29.6	30
02:51				69.0	29.3	37	66.0	29.6	30
03:51				69.0	29.3	37	68.0	29.6	30
04:51	75.0	29.6	27	68.0	29.3	33			
05:51	75.0	29.6	27	68.0	29.3	33			
06:51	73.0	29.6	27	68.0	29.3	34			
07:51	73.0	29.6	27	68.0	29.4	34			
08:51	71.0	29.6	26	68.0	29.4	30			
09:51	71.0	29.6	26	68.0	29.4	30			
10:51	71.0	29.5	26	66.0	29.4	30			
11:51	71.0	29.5	27	66.0	29.4	30			

AVERAGE RADON CONCENTRATION:

1.9 pCi/l



Reviewed and certified by

Terry Howell

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

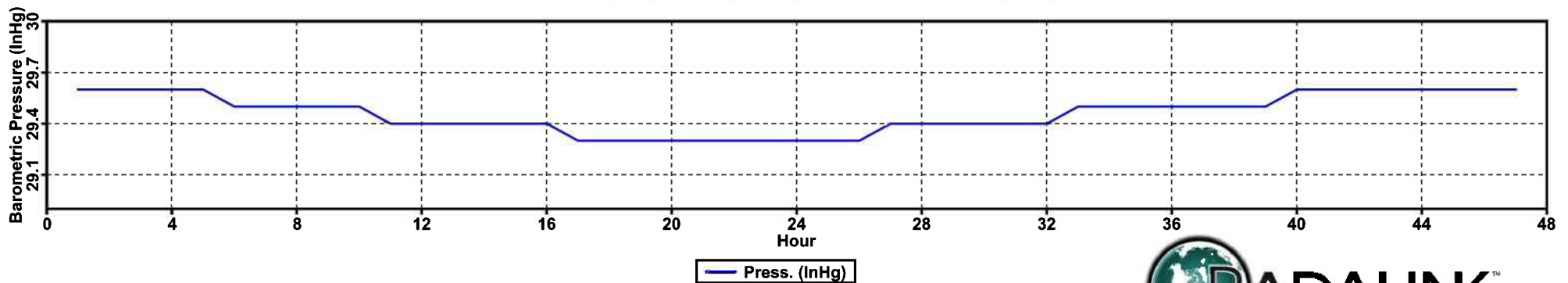
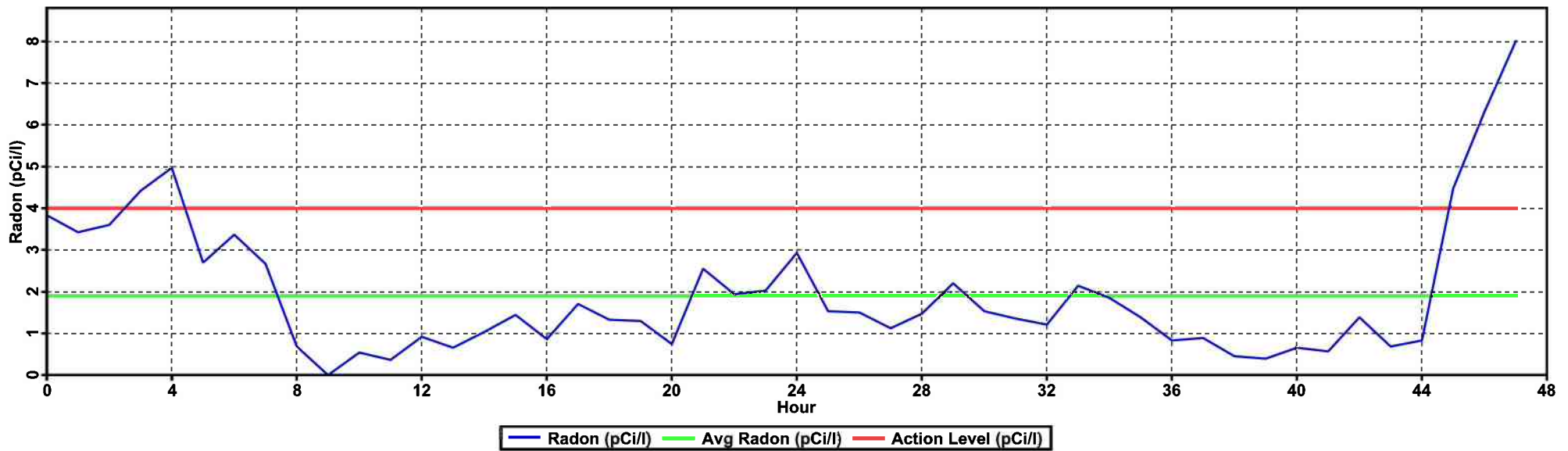
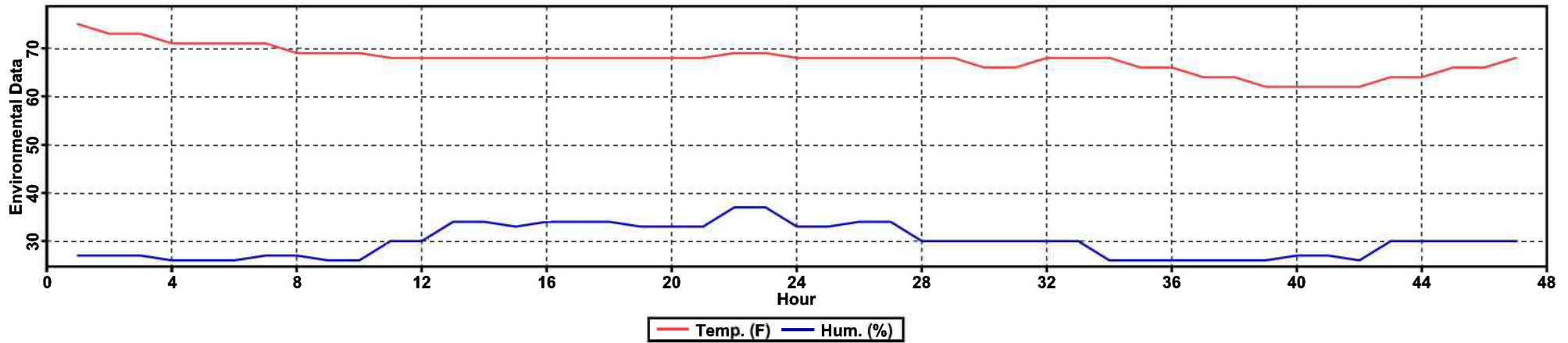
	Minimum	Average	Maximum	Variance
Temperature:	62.0	67.6	75.0	7.77
Barometric Pressure:	29.3	29.5	29.6	0.01
Relative Humidity:	26	30	37	11.01

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: 2368-360



Property Inspected: 6754 Valley View Rd, Edina, MN 55439
AVERAGE RADON CONCENTRATION: 1.9 pCi/l

Radon Placement Checklist

Measurement Professional: Jack Skluzacek RMEA-00475

Client: Edina Public Schools **Date:** 02-07-2024

Project Number: **Device Type/Cal Date (if applicable):** CRM 10-12-2023

Building: Edina High Schook **Placement Time:** 03:49 PM (-6 GMT)

The Building Manager is asked about crawlspace vents, blocked air intakes, and current ventilation issues. Any observations of temporary conditions that could affect the radon tests are noted below under "Other."

Building is occupied: Year Round
Slab on Grade
Crawlspace
Basement

Building foundation:

Ask building contact to provide HVAC zones (either mark on map or ask for screen shot of BOS)

Required test conditions were observed when the measurement device was deployed. Test under normal occupied temperature (65 to 80 degrees F). Yes

Each intended to be occupied room at or below ground level must be tested in school buildings. Yes

If the ground-contact area of the test location is greater than 2,000 square feet, an additional test device(s) was placed. Yes

Place duplicates at a rate of 10% per building placed 4-8 inches apart. Place Field Blanks at a rate of 3% per project, and Office Blanks at a rate of 1% per project (if 50-179 test devices per project, then 3 field blanks and 3 office blanks). Yes

Do not place the test device:

- In drafts from heating or air conditioning vents or fans
 - On or near heat sources nor in direct sunlight
 - In an area not intended to be occupied, or in areas with over 55% humidity (pool)
 - On a stone surface
- Yes

Place the test device:

- At normal breathing level
 - At least 20 inches above the floor or, if the device is to be suspended, about 6 feet above the floor but a minimum of 12 inches below the ceiling.
 - At least 3 feet from windows or exterior doors and a minimum of 12 inches from an exterior wall.
 - At least 4 inches from other objects
 - When operating conditions represent the greatest amount of significantly occupied time
 - When operating conditions emphasize when clear characterization of radon hazard is most likely
- Yes

Descriptions of conditions and possible effects that might warrant repeating the test: Yes

Rooms that should have been tested, but were not and why:

Rooms that were tested but are not intended to be occupied:

Any additional considerations:

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.

The Radalink Radon TeleMonitor (NRPP Device # 00472, NRSB Device # 31814) or **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) for conducting radon measurements in the context of a real estate transaction 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 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. 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	907-269-8000	Indiana	800-272-9723	Nebraska	402-471-1005	South Carolina	800-768-0362
Arizona	602-255-4845	Iowa	800-383-5992	Nevada	888-723-6610	South Dakota	800-438-3367
Arkansas	501-661-2301	Kansas	800-693-5343	New Hampshire	603-271-4052	Tennessee	800-232-1139
California	800-745-7236	Kentucky	502-564-4856	New Jersey	800-648-0394	Texas	800-293-0753
Colorado	800-846-3986	Louisiana	225-765-0160	New Mexico	505-476-8608	Utah	800-458-0145
Connecticut	860-509-7367	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	804-864-8150
Washington DC	202-535-2999	Massachusetts	800-723-6695	North Dakota	701-328-5188	Washington	360-236-3253
Florida	800-543-8279	Michigan	517-284-1837	Ohio	800-523-4439	West Virginia	800-922-1255
Georgia	706-542-9165	Minnesota	800-798-9050	Oklahoma	405-702-5162	Wisconsin	888-569-7236
Hawaii	808-586-4700	Mississippi	800-626-7739	Oregon	971-673-0490	Wyoming	307-777-6015
Idaho	800-445-8647	Missouri	573-751-6160	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

NOTICE OF INSPECTION FOR ALL FACILITATING STAFF

A radon test is scheduled for:

Building: Edina High School

Test Start Date: 02-07-2024

Test End Date: 02-09-2024

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 anyway. 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:

Shawn Draves

Signature:



Licensed Measurement Professional:

Jack Skluzacek RMEA-00475

COMMITMENTS, ADVISORIES, AND AUTHORIZATIONS

I have been informed of test plan options that comply with ANSI/AARST MALB 2014 with 1/2021 Revisions.

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. 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 all tested, non-tested dwellings 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.
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.

A valid measurement at all test locations in each building is required. There is a possibility of delays and additional expense when test locations are not readily accessible or where requirements for *closed-building conditions* are not observed.

Client: Edina Public Schools

Building:

Edina High School, South View Middle School, Cornelia
Elementary School, Transportation Center

Name:

ERIC HAMILTON

Signature:

Eric Hamilton

Date:

3/7/24


Appendix E

*Signed Non-Interference Agreement
Client Commitments, Advisories, and Authorizations*



Radon Placement Checklist

Overview

Client	Edina Public Schools
Project Number	202310883
Measurement Professional - NOTE: Any employee placing detectors must be certified.	Jack Skluzacek RMEA-00475
Device Type	AirChek Pro Chek
Placement Date	01-30-2024
Signature	


Notice of Inspection for Facilitating Staff

Building	Cornelia Elementary
Test Start Date	01-30-2024
Test End Date	02-02-2024
Static Text	<p>Please help to maintain the required test conditions throughout the building</p> <ol style="list-style-type: none">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. <p>Further guidance on required building conditions are located on the next page. Test devices are not dangerous in anyway. The type of devices used for this testing will include:</p> <p>Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.</p> <p>Continuous radon monitors. These are electronic devices that record hourly radon readings.</p> <p>Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.</p> <p>Declaration of Observed Compliance</p> <p>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.</p> <ul style="list-style-type: none">• 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 of Building Personnel	Lee Yang



Radon Placement Checklist

Overview

Client	Edina Public Schools
Project Number	202310883
Measurement Professional - NOTE: Any employee placing detectors must be certified.	Eddie Anderson RMEA-00472
Device Type	AirChek Pro Chek
Placement Date	01-29-2024
Signature	

Notice of Inspection for Facilitating Staff

Building	Edina High School
Test Start Date	01-29-2024
Test End Date	02-01-2024
Static Text	<p>Please help to maintain the required test conditions throughout the building</p> <ol style="list-style-type: none">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. <p>Further guidance on required building conditions are located on the next page. Test devices are not dangerous in anyway. The type of devices used for this testing will include:</p> <p>Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.</p> <p>Continuous radon monitors. These are electronic devices that record hourly radon readings.</p> <p>Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.</p> <p>Declaration of Observed Compliance</p> <p>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.</p> <ul style="list-style-type: none">• 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 of Building Personnel	Shawn Draves



Radon Placement Checklist

Signature of Building Personnel	
Measurement Professional	Eddie Anderson RMEA-00472

Notice of Inspection for Facilitating Staff (1)

Building	South View Middle School
Test Start Date	01-29-2024
Test End Date	02-01-2024
Static Text	<p>Please help to maintain the required test conditions throughout the building</p> <ol style="list-style-type: none">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. <p>Further guidance on required building conditions are located on the next page. Test devices are not dangerous in anyway. The type of devices used for this testing will include:</p> <p>Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.</p> <p>Continuous radon monitors. These are electronic devices that record hourly radon readings.</p> <p>Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.</p> <p>Declaration of Observed Compliance</p> <p>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.</p> <ul style="list-style-type: none">• 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 of Building Personnel	Dustin Smith
Signature of Building Personnel	
Measurement Professional	Eddie Anderson RMEA-00472


More Detailed Guidance



Radon Placement Checklist

Signature of Building Personnel	
Measurement Professional	David McNeill RMEA-00473

Notice of Inspection for Facilitating Staff (1)

Building	Edina Transportation Center
Test Start Date	01-30-2024
Test End Date	02-02-2024
Static Text	<p>Please help to maintain the required test conditions throughout the building</p> <ol style="list-style-type: none">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. <p>Further guidance on required building conditions are located on the next page. Test devices are not dangerous in anyway. The type of devices used for this testing will include:</p> <p>Short-term test kits. It is important that these devices are fully open and not covered. They will be analyzed by a laboratory.</p> <p>Continuous radon monitors. These are electronic devices that record hourly radon readings.</p> <p>Long-term test kits. It is important that these devices are not covered. They will be analyzed by a laboratory.</p> <p>Declaration of Observed Compliance</p> <p>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.</p> <ul style="list-style-type: none">• 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 of Building Personnel	Jeff Sorheim
Signature of Building Personnel	
Measurement Professional	David McNeill RMEA-00473

More Detailed Guidance

COMMITMENTS, ADVISORIES, AND AUTHORIZATIONS

I have been informed of test plan options that comply with ANSI/AARST MALB 2014 with 1/2021 Revisions.

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:

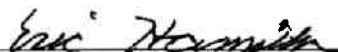
1. **BUILDING PREPARATION:** I accept responsibility that, no later than 12 hours prior to testing, each building scheduled for testing will be reviewed for compliance with closed-building requirements.
2. **COMPLIANCE VERIFICATION:** I accept responsibility for taking actions that could include adjustments to HVAC units and repairs, such as for broken windows, where completion is required no later than 12 hours prior to testing. 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 all tested, non-tested dwellings 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.
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.

A valid measurement at all test locations in each building is required. There is a possibility of delays and additional expense when test locations are not readily accessible or where requirements for *closed-building conditions* are not observed.

Client: Edina Public Schools

Building: Edina High School, South View Middle School, Cornelia
Elementary School, Transportation Center

Name: ERIC HAMILTON

Signature: 

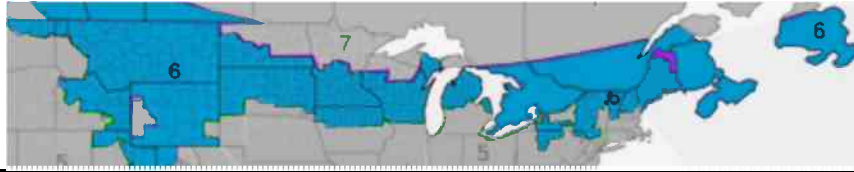
Date: 3/7/24

Appendix F

Average Building Operating Conditions Comparison

Initial Short-Term Radon Testing

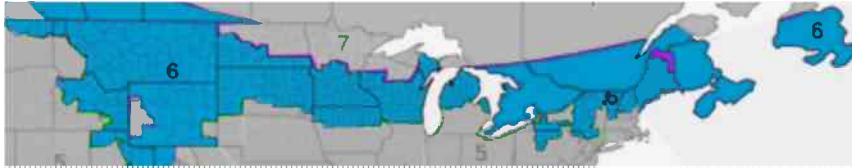
Climate Zone 6 (includes Southern MN)



		Annual 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: 36 °F Minimum: 27 °F Maximum: 54 °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

Continuous Radon Monitoring

Climate Zone 6 (includes Southern MN)



		Annual 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: 40 °F Minimum: 26 °F Maximum: 51 °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 G

MDH Reporting Form

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 its tests to the Department of Health. Please use this form to submit information about the most recent round or cycle of testing conducted for each building.

Instructions

1. Complete one form for each building tested. In this case, a building is defined as an occupied facility with a unique address. This includes administrative buildings.
2. Include this form, raw data (e.g. laboratory report) 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, and follow-up testing and post-mitigation testing, if applicable.
4. Email information to health.indoorair@state.mn.us.

Contact Information

(Submitting this report)

Name _____

Mailing Address _____

Phone _____ Email _____

Person(s) Deploying or Retrieving Test Devices¹

Name _____ Organization/Company _____

Name _____ Organization/Company _____

Name _____ Organization/Company _____

School Board Reporting

Were all the results reported at a school board meeting? Yes No

¹ List all individuals that deployed (placed) or retrieved (picked up) test devices including initial, follow-up, and post-mitigation testing. Additional names can be added to notes at end of this form.

Initial Radon Testing

School Building Name _____

School District & District Number _____

Building Address _____

Test Kit Manufacturer _____ Device name _____

Date of Kit Retrieval (MM/DD/YY) _____ Length of Test (days) _____

How many rooms were tested? _____

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 and intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms? Yes No

Were valid measurements obtained in all occupied and intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms?² Yes No

If no, were all results obtained under 2.0 pCi/L **and** were there sufficient valid measurements obtained that allowed for no further testing?³ Yes No

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

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 ground. Intended to be occupied rooms are locations where there are plans to occupy rooms even though they are unoccupied at the time of the testing. In addition, if the building has upper floors, at least 10% of these rooms must be tested.

³ Section 6.2 of the ANSI/AARST standard allows for a specific small number of invalid measurements (e.g., test kits missing, damaged, etc) if all the valid test results were under 2.0 pCi/L. 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 means 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 pCi/L, please answer the questions below.

How many rooms had follow-up testing? _____

Number of rooms with follow-up results:

≥ 4 pCi/L _____ < 4 pCi/L _____

Of the rooms that had test results ≥ 4 pCi/L, how many rooms were:

mitigated by diluting or pressurizing the soil or indoor air

(not active soil depressurization)? _____

mitigated by installing active soil depressurization system(s)? _____

reduced by adjusting the HVAC system? _____

Individual who installed mitigation

Name _____ Organization/Company _____

What was the cost of the installation and/or HVAC service work, to mitigate 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

June 2021

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

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