RADON TESTING SERVICES

GEORGE MASON ELEMENTARY SCHOOL

2601 CAMERON MILLS ROAD
ALEXANDRIA, VIRGINIA 22302

ECS PROJECT NO. 47:11652-X

FOR: ALEXANDRIA CITY PUBLIC SCHOOLS

MAY 23, 2025

May 23, 2025

Mr. John Contreras
Alexandria City Public Schools
1340 Braddock Place
Suite 620
Alexandria, Virginia 22314

ECS Project No. 47:11652-X

Reference: Radon Testing Services, George Mason Elementary School, 2601 Cameron Mills Road, Alexandria, Virginia

Dear Mr. Contreras:

ECS Mid-Atlantic, LLC (ECS) is pleased to provide Alexandria City Public Schools with the results of the above referenced Radon Testing Services performed at George Mason Elementary School located at 2601 Cameron Mills Road in Alexandria, Virginia. This report summarizes our observations, analytical results, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 47:36391-EP and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide Alexandria City Public Schools with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Mid-Atlantic, LLC

Catey Bourne
Project Manager
cbourne@ecslimited.com
703-471-8400

Christopher J. Chapman, CIH
Director of Industrial Hygiene
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703-471-8400

TABLE OF CONTENTS

PAGE

1.0 SITE DESCRIPTION 1

2.0 PURPOSE 1

3.0 METHODOLOGY 1

3.1 Quality Assurance/Quality Control Measurements 1

4.0 RESULTS 2

4.1 Radon Results 2

4.1.1 Quality Assurance/Quality Control Results 2

5.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS 3

6.0 LIMITATIONS 4

TABLE OF APPENDICES

Appendix I: Sampling Diagram

Appendix II: Radon Detector Results

Appendix III: Weather and Operating Conditions

Appendix IV: Spike Sample Results

Appendix V: Laboratory Report

Appendix VI: Certifications/Licenses

1.0 SITE DESCRIPTION

The subject property consists of George Mason Elementary School, a two-story brick school building located at 2601 Cameron Mills Road in Alexandria, Virginia. The school was constructed in 1939 and encompasses approximately 54,178 square feet.

As understood, the building did not have any radon mitigation systems in place. The building was occupied at the time of the testing

2.0 PURPOSE

The purpose of the short-term radon testing was to measure the concentration of radon in the building to compare with applicable standards and guidelines.

3.0 METHODOLOGY

Catherine Bourne, a National Radon Safety Board (NRSB) Certified Radon Measurement Specialist (Certification No. NRSB 17SS012). with ECS Mid-Atlantic, LLC (ECS) conducted radon sampling at the George Mason Elementary School in general accordance with the ANSI/AARST published *Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial, and Mixed-Use Buildings (MA-MFLB 2023)*. and *Radon in Schools -Code of Virginia Section § 22.1-138. Minimum Standards for Public School Buildings.*

The guidelines call for radon measurement devices to be deployed in the lowest occupied level of the buildings in all rooms that are occupied or intended to be occupied, and on each upper floor in at least one room and not less than 10% of rooms that are occupied or intended to be occupied.

Sample guidance requires that devices are monitored for disturbance or tampering, and that exterior doors and windows remain closed, except for typical occupant entry and exit, during the sampling (closed building sampling conditions). None of the collected canisters were observed to have been tampered with. Exterior doors and windows were observed to be closed in each area tested, outside of typical usage.

The radon sampling services were performed between December 17 and 19, 2024. 52 activated charcoal detectors, including 3 blanks and 5 duplicates, were deployed in the school. The detectors were retrieved after a collection period of approximately 48 hours and were submitted to Radon Testing Corporation of America (RTCA) in Elmsford, New York, for analysis. RTCA is an accredited Radon Laboratory, NRSB ARL 0001. Samples were submitted per the chain of custody protocol for analysis via EPA Method 402-R-92-004. This method is in accordance with protocols set forth by the US EPA and ANSI/AARST for radon measurement.

3.1 Quality Assurance/Quality Control Measurements

As specified by the ANSI/AARST standard, duplicate canisters (10% of the total distributed) were deployed in association with the sample devices. Duplicates are deployed to determine the precision, or Relative Percentage Difference (RPD), of the sample set. The RPD should be less than 67% if the radon measurement is less than 4.0 pCi/L and less than 36% if the radon measurement is greater

than 4.0 pCi/L. For measurements less than 2.0 pCi/L, the difference between the two tests cannot be greater than 1.0 pCi/L. The standards recommend that if the RPD is too large, the results should be discarded and the test repeated.

Three field blanks were deployed associated with the sample devices to determine bias introduced during actual sampling. Three "office blanks" were set up where the detectors are stored to reveal any unexpected exposures during storage. Three "lab-transit blanks" were returned to the laboratory immediately after ECS received them to look for unexpected exposures during shipping and handling.

Spiked measurements (3% of the total distributed) were also conducted to provide evidence of continued accurate measurement system operation by RTCA. The spike measurements were sent to Kansas State University (KSU- NRPP Certification ID Number SC-1006O) to be exposed to a known concentration of radon in a radon chamber known as a STAR (Standard Test Atmosphere for Radon). Results of spikes are assessed using the Relative Percent Error (RPE) statistic, which is the degree from which each single measured value (spike) deviates from the chamber's average concentration during the exposure period.

4.0 RESULTS

The following is a summary of laboratory results, findings and observations.

4.1 Radon Results

Based on the analytical results, all the radon concentrations from the rooms sampled were reported to be below the US EPA action level of 4.0 pCi/L, as referenced in ANSI/AARST's *Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings (ANSI/AARST MA-MFLB-2023)*.

The results indicated that the radon levels of the 52 valid tests submitted for analysis (including duplicates and blanks) ranged from 0.1 to 2.6 pCi/L.

The samples placed in Rooms R1/R2, R4, R5, and 19 had results above 2.0 pCi/L. The EPA advises that if test results indicate radon concentrations greater than half the action level (e.g., between 2.0 and 4.0 pCi/L), consider fixing the building.

A copy of the analytical results and a table summarizing the results are attached to this report.

4.1.1 Quality Assurance/Quality Control Results

A total of 47 locations were tested in the building. Based on the number of testing locations, five duplicate samples, three field blanks, three office blanks, and three transit blanks were collected.

ECS also submitted three spiked samples to the lab after the samples were spiked at KSU.

According to the ANSI/AARST guidelines, the Relative Percentage Difference (RPD) of duplicate sample measurements less than 2.0 pCi/L cannot be greater than 1.0 pCi/L. The RPD should be less than 67% if the radon measurement is above 2.0 pCi/L but less than 4.0 pCi/L. The duplicate samples placed

in Room 1/Tech Office, Room 17, Room 26, and the Cafeteria produced radon levels at or below 2.0 pCi/L and a difference less than 1.0. The duplicate samples placed in Room R1/R2 had test results of 2.1 pCi/L and an RPD of 0%. All duplicate samples met the required parameters.

Analysis of blank samples collected to assess measurement accuracy and potential bias did not detect radon in significant levels.

The spike samples were exposed to an average radon concentration of 20.5 pCi/L. The lab results of the spike samples ranged from 21.5 to 25.3 pCi/L. The Relative Percent Error was 15.45%, below the warning limit of 20% RPE for individual spike results.

5.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the Radon Testing Services, the results of laboratory analysis, and our findings and observations, ECS presents the following recommendations.

The radon measurement concentrations during these measurement events were reported below 4.0 pCi/L at each of the sampled locations. The ANSI/AARST guidelines state that if the result of the initial measurement is below 4.0 pCi/L, follow-up testing is not required, and no further action is recommended for the site.

The samples placed in Rooms R1/R2, R4, R5, and 19 had results above 2.0 pCi/L. The EPA advises that if test results indicate radon concentrations greater than half the action level (e.g., between 2.0 and 4.0 pCi/L), consider fixing the building.

The reported radon levels are only reflective of conditions at the time of this test and these levels can vary over time, depending upon a number of conditions, including both building-related and environmental factors (i.e., ventilation, occupancy, temperature, and relative humidity etc.). As stated in the ANSI/AARST guidelines, responsible care requires repeated initial testing procedures for all building(s) at least every 5 years and in conjunction with any sale of a building.

Radon testing should also be conducted when any of the following circumstances occur:

- a new addition is constructed or alterations for building reconfiguration or rehabilitation occur;
- a ground contact area not previously tested is occupied;
- heating or cooling systems are significantly altered, resulting in changes to air pressures or pressure relationships;
- ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures;
- significant openings in soil occur due to groundwater or slab surface water control systems that are altered or added or natural settlement causing major cracks to develop;
- earthquakes or construction blasting, fracking, or formation of sinkholes nearby; or,
- a mitigation system is altered, modified, or repaired.

Should testing indicate concentrations that meet or exceed the action level, conduct evaluations, corrections and further testing until radon concentrations have been mitigated to below the action level.

6.0 LIMITATIONS

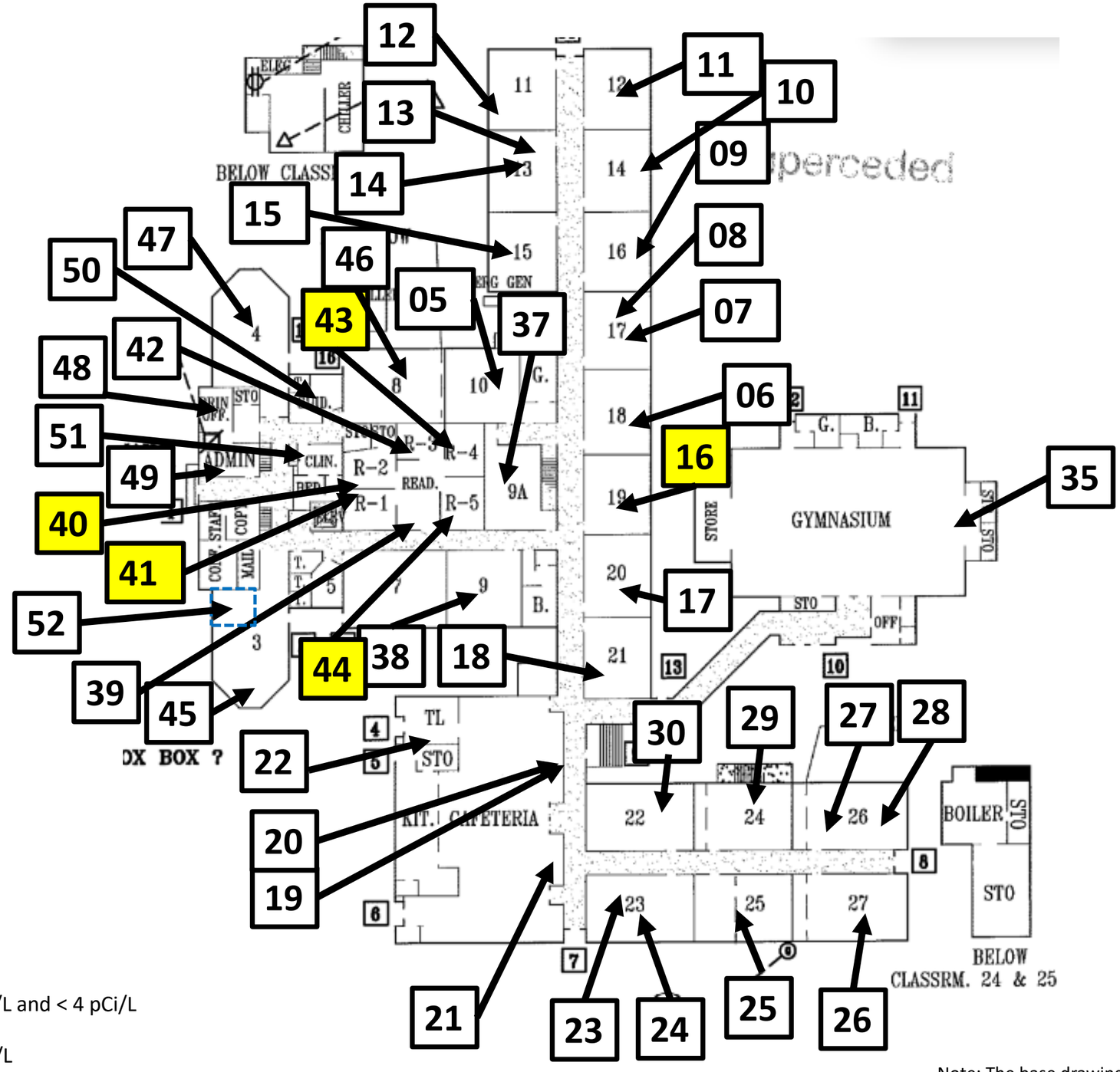
The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

The reported radon levels are only reflective of conditions at the time of this sampling event and that these levels can vary over time, depending upon a number of conditions, including both building related and environmental factors (i.e., ventilation, occupancy, temperature and relative humidity etc.).

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

Appendix I: Sampling Diagram



L Locked

Result is ≥ 2 pCi/L and < 4 pCi/L

Result is ≥ 4 pCi/L

Tampered/Void Sample

Note: The base drawing was provided by ACPS. These drawing do not depict all interior partition walls or rooms. Sample locations are approximate.

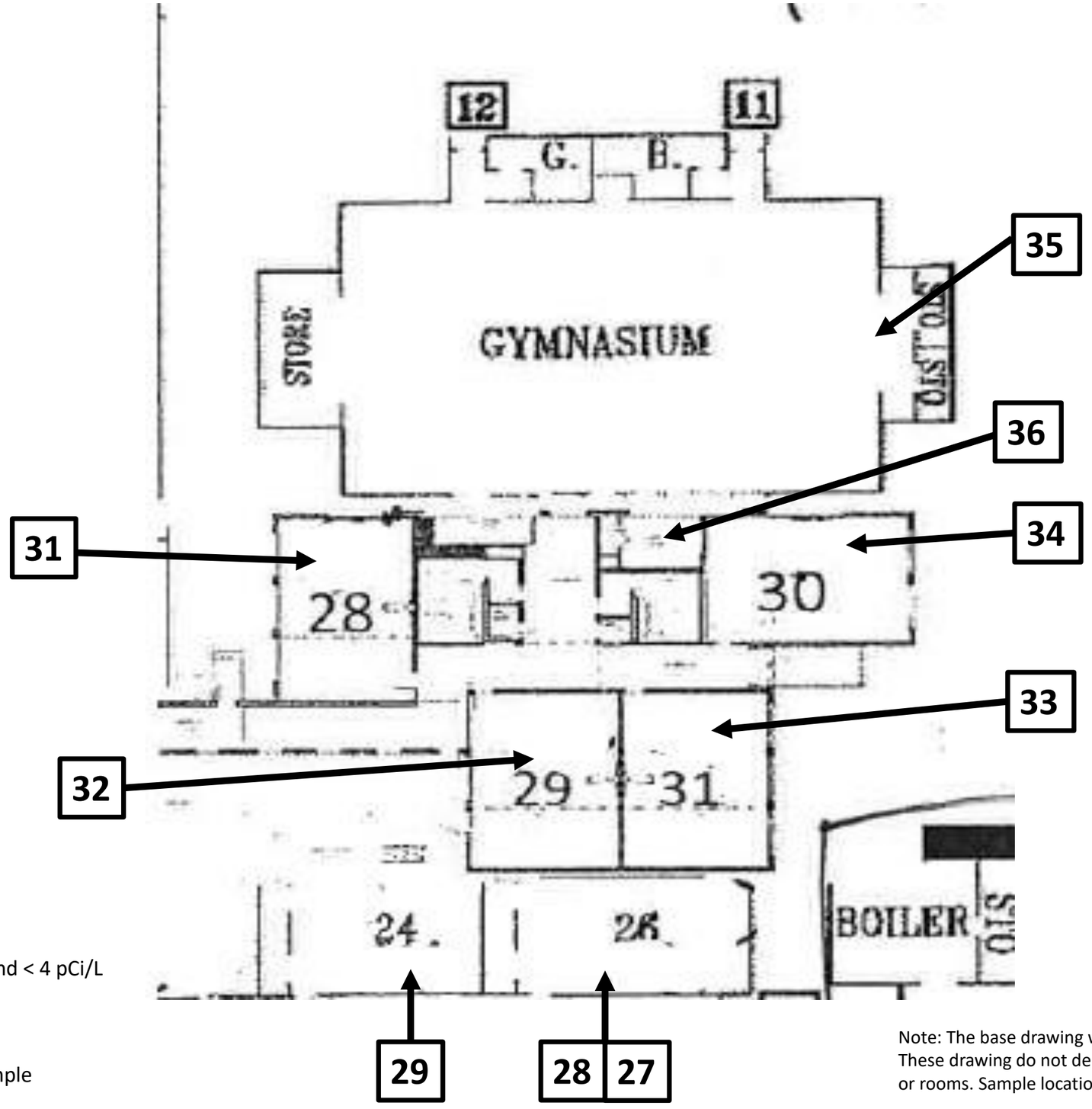
ACPS Radon Testing
George Mason Elementary School
2601 Cameron Mills Road,
Alexandria, VA 22302

Main Floor Sample Location Diagram

Scale: NTS

Project No.
47:11652-X

Site Visits:
12/17 & 12/19, 2024



L Locked

Result is ≥ 2 pCi/L and < 4 pCi/L

Result is ≥ 4 pCi/L

Tampered/Void Sample

Note: The base drawing was provided by ACPS.
These drawing do not depict all interior partition walls or rooms. Sample locations are approximate.

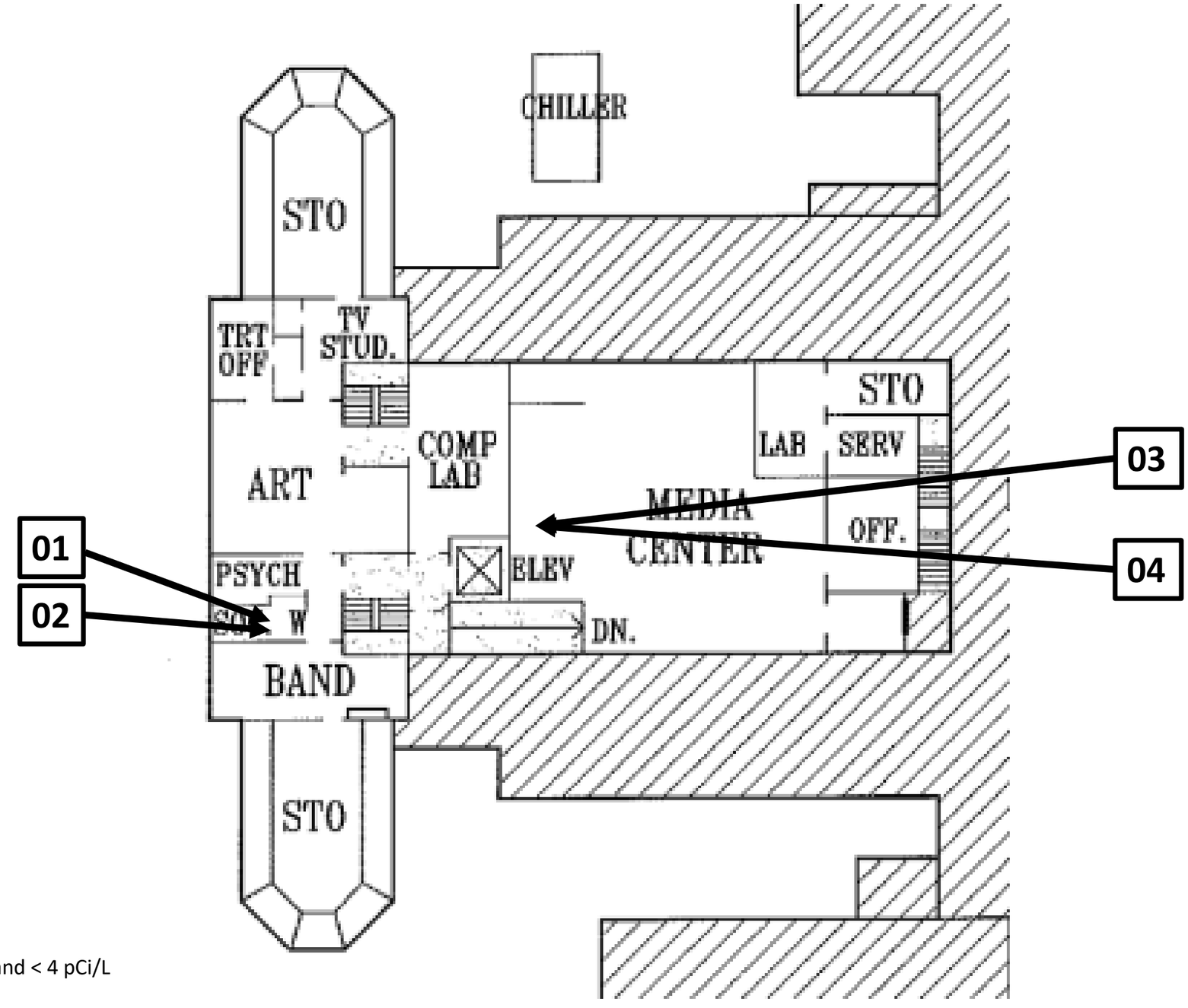
ACPS Radon Testing
Charles Barrett Elementary School
1115 Martha Custis Drive,
Alexandria, VA 22302

Main Floor Rooms 28-30 Sample Location Diagram

Scale: NTS

Project No.
47:11652-X

Site Visits:
12/17 & 12/19, 2024



L Locked

Result is ≥ 2 pCi/L and < 4 pCi/L

Result is ≥ 4 pCi/L

Tampered/Void Sample

Note: The base drawing was provided by ACPS.
These drawing do not depict all interior partition walls or rooms. Sample locations are approximate.

ACPS Radon Testing
Charles Barrett Elementary School
1115 Martha Custis Drive,
Alexandria, VA 22302

ECS

Upper Floor Sample Location Diagram

Scale: NTS

Project No.
47:11652-X

Site Visits:
12/17 & 12/19, 2024

Appendix II: Radon Detector Results

George Mason Elementary School
2601 Cameron Mills Road, Alexandria, Virginia 22302
ECS Project No. 47:11652-X
Site Visits: December 17 and 19, 2024

Radon Results						
Sample Location No.	**Sample Dates**	**Sample Location**	**Notes**	**Analytical Results (pCi/L)**	**Error for Measurement +/-**	**Duplicate RPD**
1	12/17/24-12/19/24	Tech. Office / 1	Duplicate	0.4	0.4	Average reading < 2.0; Difference is 0.1
2	12/17/24-12/19/24	Tech. Office / 1	Duplicate	0.5	0.5	
3	12/17/24-12/19/24	Librarian Office		0.7	0.5	N/A
4	12/17/24-12/19/24	Librarian Office	Blank	0.1	0.4	N/A
5	12/17/24-12/19/24	10		0.4	0.3	N/A
6	12/17/24-12/19/24	18		0.6	0.3	N/A
7	12/17/24-12/19/24	17	Duplicate	0.8	0.4	Average reading < 2.0; Difference is 0.2
8	12/17/24-12/19/24	17	Duplicate	0.6	0.5	
9	12/17/24-12/19/24	16		0.5	0.3	N/A
10	12/17/24-12/19/24	Moquins Classroom		0.6	0.4	N/A
11	12/17/24-12/19/24	12		1.1	0.4	N/A
12	12/17/24-12/19/24	11		0.1	0.4	N/A
13	12/17/24-12/19/24	13		0.6	0.4	N/A
14	12/17/24-12/19/24	13	Blank	0.1	0.3	N/A
15	12/17/24-12/19/24	15		0.6	0.4	N/A
16	12/17/24-12/19/24	*19*		*2.6*	*0.4*	*N/A*
17	12/17/24-12/19/24	20		1.0	0.4	N/A
18	12/17/24-12/19/24	21		1.3	0.4	N/A
19	12/17/24-12/19/24	Cafeteria	Duplicate	0.2	0.3	Average reading < 2.0; Difference is 0.3
20	12/17/24-12/19/24	Cafeteria	Duplicate	0.5	0.4	
21	12/17/24-12/19/24	Cafeteria		0.7	0.4	N/A
22	12/17/24-12/19/24	Custodial Office		0.8	0.4	N/A
23	12/17/24-12/19/24	23		0.5	0.4	N/A
24	12/17/24-12/19/24	23	Blank	0.1	0.4	N/A
25	12/17/24-12/19/24	25		0.6	0.4	N/A
26	12/17/24-12/19/24	27		0.7	0.4	N/A
27	12/17/24-12/19/24	26	Duplicate	0.9	0.4	Average reading < 2.0; Difference is 0.1
28	12/17/24-12/19/24	26	Duplicate	0.8	0.4	
29	12/17/24-12/19/24	24		0.5	0.3	N/A
30	12/17/24-12/19/24	22		0.6	0.4	N/A
31	12/17/24-12/19/24	28		0.4	0.3	N/A
32	12/17/24-12/19/24	29		0.4	0.4	N/A
33	12/17/24-12/19/24	31		0.4	0.4	N/A
34	12/17/24-12/19/24	30		0.4	0.5	N/A
35	12/17/24-12/19/24	Gym		0.5	0.5	N/A
36	12/17/24-12/19/24	PE Office		0.4	0.5	N/A
37	12/17/24-12/19/24	Teachers Lounge / 09-A		0.6	0.4	N/A
38	12/17/24-12/19/24	9		0.4	0.4	N/A
39	12/17/24-12/19/24	Reading Room		1.5	0.5	N/A
40	12/17/24-12/19/24	*R1 / R2*	*Duplicate*	*2.1*	*0.4*	*0.00%*

Table Notes:
Bold = ≥ 4.0 pCi/L
Italicized = ≥ 2.0 pCi/L and < 4.0 pCi/L
N/A = Not Applicable

George Mason Elementary School
2601 Cameron Mills Road, Alexandria, Virginia 22302
ECS Project No. 47:11652-X
Site Visits: December 17 and 19, 2024

Radon Results						
Sample Location No.	**Sample Dates**	**Sample Location**	**Notes**	**Analytical Results (pCi/L)**	**Error for Measurement +/-**	**Duplicate RPD**
41	12/17/24-12/19/24	*R1 / R2*	*Duplicate*	*2.1*	*0.4*	*0.00%*
42	12/17/24-12/19/24	R3		1.7	0.4	N/A
43	12/17/24-12/19/24	*R4*		*2.1*	*0.4*	*N/A*
44	12/17/24-12/19/24	*R5*		*2.1*	*0.4*	*N/A*
45	12/17/24-12/19/24	3		1.0	0.4	N/A
46	12/17/24-12/19/24	8		0.3	0.5	N/A
47	12/17/24-12/19/24	4		0.5	0.4	N/A
48	12/17/24-12/19/24	Associate Principals Office		0.9	0.5	N/A
49	12/17/24-12/19/24	Front Office		1.0	0.5	N/A
50	12/17/24-12/19/24	6		0.3	0.4	N/A
51	12/17/24-12/19/24	Breastfeeding Room		1.1	0.5	N/A
52	12/17/24-12/19/24	3A		0.9	0.4	N/A

Table Notes:
Bold = ≥ 4.0 pCi/L
Italicized = ≥ 2.0 pCi/L and < 4.0 pCi/L
N/A = Not Applicable

Appendix III: Weather and Operating Conditions

Comparison of Building Operating Conditions			
		Annual	During the Test
Outdoor Temperatures	Averages (degrees Fahrenheit)	54	49
Operating Conditions	Heating Conditions	66%	100%
	Cooling Conditions	16%	0%
	Mixed Conditions	16%	0%
Prevailing Operating Condition	Averages	Heating Conditions	Heating Conditions
Condition less likely to inhibit characterization of a radon hazard		Heating and air distribution systems active	Heating and air distribution systems active

Weather Conditions for 12 hours prior to and during the test period	
Maximum Outdoor Temperature	64 degrees Fahrenheit
Minimum Outdoor Temperature	39 degrees Fahrenheit
Average Outdoor Temperature	49 degrees Fahrenheit
Total Precipitation	0.68 Inches
Ground Cover by Snow or Ice?	No

Source: weatherunderground.com;
Data readings collected at Ronald Reagan Washington National Airport in Arlington, Virginia

Appendix IV: Spike Sample Results

Spike Evaluation

Spike concentration: 20.5 pCi/L

Results:

Sample	Result	Variance (mean)	variance (true)	Var^2	RPE
1	24.2	0.53	3.70	13.69	18.05%
2	23.8	0.13	3.30	10.89	16.10%
3	24.1	0.43	3.60	12.96	17.56%
4	23.1	0.57	2.60	6.76	12.68%
5	21.5	2.17	1.00	1.00	4.88%
6	25.3	1.63	4.80	23.04	23.41%
Mean	23.67		sum_Var^2	68.34	
SD (mean)	1.17		SD (true)	3.37	
CV (mean)	4.93%		CV (true)	16.46%	
Mean variance	3.17				
Mean RPE	15.45%				

PC2412160011

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 12/16/2024

Ms. Catey Bourne
ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: Alexandria County Public Schools
Test Location: 1340 Braddock Place
Alexandria, VA 22314-

Individual Canister Results

Canister ID# :	4950148	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:30
Location :	1st FL = Lab-01	Received:	12/16/2024 @ 09:28
Radon Level :	0.4 pCi/L	Analyzed:	12/17/2024 @ 14:16
Error for Measurement is: ±	0.4 pCi/L		

Canister ID# :	4950046	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:30
Location :	1st FL = Lab-02	Received:	12/16/2024 @ 09:28
Radon Level :	0.4 pCi/L	Analyzed:	12/17/2024 @ 14:16
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	4950157	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:30
Location :	1st FL = Lab-03	Received:	12/16/2024 @ 09:28
Radon Level :	0.4 pCi/L	Analyzed:	12/17/2024 @ 13:54
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	4950083	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:30
Location :	1st FL = Office-01	Received:	12/16/2024 @ 09:28
Radon Level :	0.4 pCi/L	Analyzed:	12/17/2024 @ 14:03
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	4950053	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:30
Location :	1st FL = Office-02	Received:	12/16/2024 @ 09:28
Radon Level :	0.1 pCi/L	Analyzed:	12/18/2024 @ 09:41
Error for Measurement is: ±	0.8 pCi/L		

Canister ID# :	4950152	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:30
Location :	1st FL = Office-03	Received:	12/16/2024 @ 09:28
Radon Level :	0.3 pCi/L	Analyzed:	12/17/2024 @ 14:34
Error for Measurement is: ±	0.5 pCi/L		

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

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NJDEP ID: NY933
NJ MEB 90036
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IL RNL2000201

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2 Hayes Street, Elmsford, NY 10523
www.rtca.com

PC2412160011

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 12/16/2024

Ms. Catey Bourne
ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: Alexandria County Public Schools
Test Location: 1340 Braddock Place
Alexandria, VA 22314-

Individual Canister Results

Canister ID# :	4950629	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:55
Location :	1st FL = Rm 01	Received:	12/16/2024 @ 09:28
Radon Level :	24.2 pCi/L	Analyzed:	12/17/2024 @ 13:41
Error for Measurement is:	± 0.9 pCi/L		

Canister ID# :	4950634	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:55
Location :	1st FL = Rm 02	Received:	12/16/2024 @ 09:28
Radon Level :	23.8 pCi/L	Analyzed:	12/17/2024 @ 14:34
Error for Measurement is:	± 0.9 pCi/L		

Canister ID# :	4951034	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:55
Location :	1st FL = Rm 03	Received:	12/16/2024 @ 09:28
Radon Level :	24.1 pCi/L	Analyzed:	12/17/2024 @ 14:21
Error for Measurement is:	± 0.9 pCi/L		

Canister ID# :	4949073	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:55
Location :	1st FL = Rm 04	Received:	12/16/2024 @ 09:28
Radon Level :	23.1 pCi/L	Analyzed:	12/17/2024 @ 14:03
Error for Measurement is:	± 0.9 pCi/L		

Canister ID# :	4950038	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:55
Location :	1st FL = Rm 05	Received:	12/16/2024 @ 09:28
Radon Level :	21.5 pCi/L	Analyzed:	12/17/2024 @ 14:21
Error for Measurement is:	± 0.9 pCi/L		

Canister ID# :	4949090	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:55
Location :	1st FL = Rm 06	Received:	12/16/2024 @ 09:28
Radon Level :	25.3 pCi/L	Analyzed:	12/17/2024 @ 14:20
Error for Measurement is:	± 0.9 pCi/L		

National Radon Safety Board NRSB Certified Radon Professionals

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NJ MES 11089

Dante Galan
Laboratory Director

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PC2412160011

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 12/16/2024

Ms. Catey Bourne
ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: Alexandria County Public Schools
Test Location: 1340 Braddock Place
Alexandria, VA 22314-

Individual Canister Results

Canister ID# :	4950057	Test Start :	12/09/2024 @ 08:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/11/2024 @ 08:55
Location :	1st FL = Rm 07/BLANK	Received:	12/16/2024 @ 09:28
Radon Level :	0.2 pCi/L	Analyzed:	12/17/2024 @ 14:03

Error for Measurement is: ± 0.4 pCi/L

The results indicate that at least one testing device registered at or above the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends mitigation if the average of two short-term tests taken in the lowest level of the building suitable for occupancy show radon levels that are equal to or greater than 4.0 pCi/L.

For information on how to reduce radon levels in your home, please review the EPA booklet: Consumer's Guide to Radon Reduction (www.epa.gov/radon/pdfs/consguid.pdf) and contact your state health department. The EPA maintains a radon information website, including copies of its publications, at www.epa.gov/iaq/radon.

For New Jersey clients: Please see the attached guidance document entitled Radon Testing and Mitigation: The Basics for further information.

For New York clients: If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free1-800-458-1158.

PLEDGE OF ASSURED QUALITY

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken by the customer or it's consultants based on RTCA-provided results.

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Radon Chamber

Kansas State University

KSU Radon Chamber NRPP Certification ID Number SC-1006

Date: 12/11/24

Catherine Bourne
ECS Mid-Atlantic
14026 Thunderbolt Pl., Chantilly, VA 20151
cbourne@ecslimited.com
703-471-8400

These are the results of the spiking that we performed on the device(s) listed below:

Device Serial #	Start Date	Start Time	Stop Date	Stop Time	Chamber Value *
4950634	**12/9/24**	**8:30**	**12/11/24**	**8:55**	**20.5 pCi/L**
4951034	**12/9/24**	**8:30**	**12/11/24**	**8:55**	**20.5 pCi/L**
4950629	**12/9/24**	**8:30**	**12/11/24**	**8:55**	**20.5 pCi/L**
4950038	**12/9/24**	**8:30**	**12/11/24**	**8:55**	**20.5 pCi/L**
4949090	**12/9/24**	**8:30**	**12/11/24**	**8:55**	**20.5 pCi/L**
4949073	**12/9/24**	**8:30**	**12/11/24**	**8:55**	**20.5 pCi/L**

These devices were spiked in our chamber at an average relative humidity of avg/rh 20%.
These devices were spiked in our chamber at a chamber temperature of 71.8°F.
This chamber is at an elevation of approximately 1020 feet.

The additional information below is provided as a service for our customers who have furnished KSU Radon Chamber with the customer's measured values for the above devices. This equation calculates the difference between our chamber value and the customer's measured value and is called the percent error. It is calculated as follows:

$$\% \text{ Error} = \frac{\text{Measured Value} - \text{Chamber Value}}{\text{Chamber Value}} * 100$$

Measured Value: pCi/L **Chamber Value:** pCi/L **Error:**

Thank you for your patronage. If we can be of further help, please email us at radonchamber@ksu.edu or call us at (785-532-4992).

Sincerely,

Alexandra Bahadori

Appendix V: Laboratory Report

PC2412230236

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-
Individual Canister Results

Canister ID# :	4950167	Test Start :	12/17/2024 @ 14:12
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:38
Location :	2nd FL=Tech.Office/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.4 pCi/L	Analyzed:	12/24/2024 @ 15:13
Error for Measurement is: ±	0.4 pCi/L		

Canister ID# :	4950469	Test Start :	12/17/2024 @ 14:12
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:38
Location :	2nd FL=Tech.Office/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.5 pCi/L	Analyzed:	12/24/2024 @ 14:43

Average of Side by Side Canisters 0.5 pCi/L

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950513	Test Start :	12/17/2024 @ 14:13
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:39
Location :	2nd FL = Library Off.	Received:	12/23/2024 @ 12:36
Radon Level :	0.7 pCi/L	Analyzed:	12/24/2024 @ 15:13
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	4950524	Test Start :	12/17/2024 @ 14:13
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:39
Location :	2nd FL=Library Off/BL	Received:	12/23/2024 @ 12:36
Radon Level :	0.1 pCi/L	Analyzed:	12/24/2024 @ 14:58
Error for Measurement is: ±	0.4 pCi/L		

Canister ID# :	4950424	Test Start :	12/17/2024 @ 14:15
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:40
Location :	1st FL = Rm 10	Received:	12/23/2024 @ 12:36
Radon Level :	0.4 pCi/L	Analyzed:	12/24/2024 @ 14:27
Error for Measurement is: ±	0.3 pCi/L		

Canister ID# :	4950423	Test Start :	12/17/2024 @ 14:16
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:41
Location :	1st FL = Rm 18	Received:	12/23/2024 @ 12:36
Radon Level :	0.6 pCi/L	Analyzed:	12/24/2024 @ 14:45

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RTCA RADON TESTING CORPORATION OF AMERICA

PC2412230236

Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-

Individual Canister Results

Error for Measurement is: ± 0.3 pCi/L

Canister ID# :	4950436	Test Start :	12/17/2024 @ 14:18
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:41
Location :	1st FL = Rm 17/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.8 pCi/L	Analyzed:	12/24/2024 @ 15:12

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950503	Test Start :	12/17/2024 @ 14:18
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:41
Location :	1st FL = Rm 17/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.6 pCi/L	Analyzed:	12/24/2024 @ 14:40

Average of Side by Side Canisters 0.7 pCi/L

Error for Measurement is: ± 0.5 pCi/L

Canister ID# :	4950428	Test Start :	12/17/2024 @ 14:20
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:42
Location :	1st FL = Rm 16	Received:	12/23/2024 @ 12:36
Radon Level :	0.5 pCi/L	Analyzed:	12/24/2024 @ 14:45

Error for Measurement is: ± 0.3 pCi/L

Canister ID# :	4950471	Test Start :	12/17/2024 @ 14:21
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:43
Location :	1st FL = Moquin's Class	Received:	12/23/2024 @ 12:36
Radon Level :	0.6 pCi/L	Analyzed:	12/24/2024 @ 15:12

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950527	Test Start :	12/17/2024 @ 14:23
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:44
Location :	1st FL = Rm 12	Received:	12/23/2024 @ 12:36
Radon Level :	1.1 pCi/L	Analyzed:	12/24/2024 @ 14:45

Error for Measurement is: ± 0.4 pCi/L

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RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-
Individual Canister Results

Canister ID# :	4950505	Test Start :	12/17/2024 @ 14:24
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:44
Location :	1st FL = Rm 11	Received:	12/23/2024 @ 12:36
Radon Level :	0.1 pCi/L	Analyzed:	12/24/2024 @ 14:25
Error for Measurement is:	± 0.4 pCi/L		

Canister ID# :	4950506	Test Start :	12/17/2024 @ 14:24
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:45
Location :	1st FL = Rm 13	Received:	12/23/2024 @ 12:36
Radon Level :	0.6 pCi/L	Analyzed:	12/24/2024 @ 14:40
Error for Measurement is:	± 0.4 pCi/L		

Canister ID# :	4950502	Test Start :	12/17/2024 @ 14:24
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:45
Location :	1st FL = Rm 13/BL	Received:	12/23/2024 @ 12:36
Radon Level :	0.2 pCi/L	Analyzed:	12/24/2024 @ 14:14
Error for Measurement is:	± 0.3 pCi/L		

Canister ID# :	4950188	Test Start :	12/17/2024 @ 14:25
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:46
Location :	1st FL = Rm 15	Received:	12/23/2024 @ 12:36
Radon Level :	0.6 pCi/L	Analyzed:	12/24/2024 @ 14:57
Error for Measurement is:	± 0.4 pCi/L		

Canister ID# :	4950533	Test Start :	12/17/2024 @ 14:26
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:47
Location :	1st FL = Rm 19	Received:	12/23/2024 @ 12:36
Radon Level :	2.6 pCi/L	Analyzed:	12/24/2024 @ 13:58
Error for Measurement is:	± 0.4 pCi/L		

Canister ID# :	4950171	Test Start :	12/17/2024 @ 14:27
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:48
Location :	1st FL = Rm 20	Received:	12/23/2024 @ 12:36
Radon Level :	1.0 pCi/L	Analyzed:	12/24/2024 @ 14:27
Error for Measurement is:	± 0.4 pCi/L		

National Radon Safety Board NRSB Certified Radon Professionals

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Laboratory Director

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RTCA RADON TESTING CORPORATION OF AMERICA

PC2412230236

Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-
Individual Canister Results

Canister ID# :	4950155	Test Start :	12/17/2024 @ 14:29
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:49
Location :	1st FL = Rm 21	Received:	12/23/2024 @ 12:36
Radon Level :	1.3 pCi/L	Analyzed:	12/24/2024 @ 14:45
Error for Measurement is: ±	0.4 pCi/L		

Canister ID# :	4950480	Test Start :	12/17/2024 @ 14:31
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:49
Location :	1st FL = Cafeteria/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.2 pCi/L	Analyzed:	12/24/2024 @ 14:57
Error for Measurement is: ±	0.3 pCi/L		

Canister ID# :	4950488	Test Start :	12/17/2024 @ 14:31
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:49
Location :	1st FL = Cafeteria/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.5 pCi/L	Analyzed:	12/24/2024 @ 14:57

Average of Side by Side Canisters 0.4 pCi/L

Error for Measurement is: ± 0.5 pCi/L

Canister ID# :	4950496	Test Start :	12/17/2024 @ 14:32
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:50
Location :	1st FL = Cafeteria	Received:	12/23/2024 @ 12:36
Radon Level :	0.7 pCi/L	Analyzed:	12/24/2024 @ 14:57
Error for Measurement is: ±	0.4 pCi/L		

Canister ID# :	4950473	Test Start :	12/17/2024 @ 14:34
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:51
Location :	1st FL = Custodial Off.	Received:	12/23/2024 @ 12:36
Radon Level :	0.8 pCi/L	Analyzed:	12/24/2024 @ 14:27
Error for Measurement is: ±	0.4 pCi/L		

Canister ID# :	4950519	Test Start :	12/17/2024 @ 14:35
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:52
Location :	1st FL = Rm 23	Received:	12/23/2024 @ 12:36
Radon Level :	0.5 pCi/L	Analyzed:	12/24/2024 @ 14:40

National Radon Safety Board NRSB Certified Radon Professionals

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RTCA RADON TESTING CORPORATION OF AMERICA

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Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
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4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-

Individual Canister Results

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950421	Test Start :	12/17/2024 @ 14:35
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:52
Location :	1st FL = Rm 23/BL	Received:	12/23/2024 @ 12:36
Radon Level :	0.1 pCi/L	Analyzed:	12/24/2024 @ 14:43

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950501	Test Start :	12/17/2024 @ 14:36
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:53
Location :	1st FL = Rm 25	Received:	12/23/2024 @ 12:36
Radon Level :	0.6 pCi/L	Analyzed:	12/24/2024 @ 14:58

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950484	Test Start :	12/17/2024 @ 14:37
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:54
Location :	1st FL = Rm 27	Received:	12/23/2024 @ 12:36
Radon Level :	0.7 pCi/L	Analyzed:	12/24/2024 @ 11:50

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950525	Test Start :	12/17/2024 @ 14:39
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:54
Location :	1st FL = Rm 26/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.9 pCi/L	Analyzed:	12/24/2024 @ 14:30

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950529	Test Start :	12/17/2024 @ 14:39
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 14:54
Location :	1st FL = Rm 26/DP	Received:	12/23/2024 @ 12:36
Radon Level :	0.8 pCi/L	Analyzed:	12/24/2024 @ 14:57

Average of Side by Side Canisters 0.9 pCi/L

Error for Measurement is: ± 0.4 pCi/L

National Radon Safety Board NRSB Certified Radon Professionals

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RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 12/23/2024

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4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-
Individual Canister Results

Canister ID# : 4950500
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 24
Radon Level : 0.5 pCi/L
Error for Measurement is: ± 0.3 pCi/L

Test Start : 12/17/2024 @ 14:40
Test Stop : 12/19/2024 @ 14:55
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:30

Canister ID# : 4950058
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 22
Radon Level : 0.6 pCi/L
Error for Measurement is: ± 0.4 pCi/L

Test Start : 12/17/2024 @ 14:41
Test Stop : 12/19/2024 @ 14:56
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:43

Canister ID# : 4950493
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 28
Radon Level : 0.4 pCi/L
Error for Measurement is: ± 0.3 pCi/L

Test Start : 12/17/2024 @ 14:43
Test Stop : 12/19/2024 @ 14:57
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 13:58

Canister ID# : 4950466
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 29
Radon Level : 0.4 pCi/L
Error for Measurement is: ± 0.4 pCi/L

Test Start : 12/17/2024 @ 14:44
Test Stop : 12/19/2024 @ 14:58
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:40

Canister ID# : 4949081
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 31
Radon Level : 0.4 pCi/L
Error for Measurement is: ± 0.4 pCi/L

Test Start : 12/17/2024 @ 14:45
Test Stop : 12/19/2024 @ 14:59
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:14

Canister ID# : 4949779
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 30
Radon Level : 0.4 pCi/L
Error for Measurement is: ± 0.5 pCi/L

Test Start : 12/17/2024 @ 14:46
Test Stop : 12/19/2024 @ 14:59
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:40

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Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-
Individual Canister Results

Canister ID# : 4948115
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Gym
Radon Level : 0.5 pCi/L
NEAR WALL

Test Start : 12/17/2024 @ 14:47
Test Stop : 12/19/2024 @ 15:00
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 11:50

Error for Measurement is: ± 0.5 pCi/L

Canister ID# : 4950520
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = PE Office
Radon Level : 0.4 pCi/L
Error for Measurement is: ± 0.5 pCi/L

Test Start : 12/17/2024 @ 14:47
Test Stop : 12/19/2024 @ 15:17
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:57

Canister ID# : 4949632
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 09-A
Radon Level : 0.6 pCi/L
TEACHERS LOUNGE

Test Start : 12/17/2024 @ 14:50
Test Stop : 12/19/2024 @ 15:01
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:30

Error for Measurement is: ± 0.4 pCi/L

Canister ID# : 4950443
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Rm 09
Radon Level : 0.4 pCi/L
Error for Measurement is: ± 0.4 pCi/L

Test Start : 12/17/2024 @ 14:51
Test Stop : 12/19/2024 @ 15:02
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 15:12

Canister ID# : 4950068
Canister Type : Charcoal Canister 3 inch
Location : 1st FL = Reading Rm
Radon Level : 1.5 pCi/L
Error for Measurement is: ± 0.5 pCi/L

Test Start : 12/17/2024 @ 14:57
Test Stop : 12/19/2024 @ 15:03
Received: 12/23/2024 @ 12:36
Analyzed: 12/24/2024 @ 14:25

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George

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NJ MES 11089

Dante Galan
Laboratory Director

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RTCA RADON TESTING CORPORATION OF AMERICA

PC2412230236

Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-
Individual Canister Results

Canister ID# :	4948040	Test Start :	12/17/2024 @ 14:58
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:03
Location :	1st FL = R-01 & R-02/DP	Received:	12/23/2024 @ 12:36
Radon Level :	2.1 pCi/L	Analyzed:	12/24/2024 @ 14:30

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4949826	Test Start :	12/17/2024 @ 14:58
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:03
Location :	1st FL = R-01 & R-02/DP	Received:	12/23/2024 @ 12:36
Radon Level :	2.1 pCi/L	Analyzed:	12/24/2024 @ 14:14

Average of Side by Side Canisters 2.1 pCi/L

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4949115	Test Start :	12/17/2024 @ 14:59
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:03
Location :	1st FL = R-03	Received:	12/23/2024 @ 12:36
Radon Level :	1.7 pCi/L	Analyzed:	12/24/2024 @ 14:14

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950617	Test Start :	12/17/2024 @ 15:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:04
Location :	1st FL = R-04	Received:	12/23/2024 @ 12:36
Radon Level :	2.1 pCi/L	Analyzed:	12/24/2024 @ 14:27

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4951033	Test Start :	12/17/2024 @ 15:01
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:03
Location :	1st FL = R-05	Received:	12/23/2024 @ 12:36
Radon Level :	2.1 pCi/L	Analyzed:	12/24/2024 @ 14:40

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4948936	Test Start :	12/17/2024 @ 15:03
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:06
Location :	1st FL = Rm 03	Received:	12/23/2024 @ 12:36
Radon Level :	1.0 pCi/L	Analyzed:	12/24/2024 @ 14:57

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RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-

Individual Canister Results

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950460	Test Start :	12/17/2024 @ 15:04
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:11
Location :	1st FL = Rm 08	Received:	12/23/2024 @ 12:36
Radon Level :	0.3 pCi/L	Analyzed:	12/24/2024 @ 14:40

Error for Measurement is: ± 0.5 pCi/L

Canister ID# :	4949111	Test Start :	12/17/2024 @ 15:05
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:12
Location :	1st FL = Rm 04	Received:	12/23/2024 @ 12:36
Radon Level :	0.5 pCi/L	Analyzed:	12/24/2024 @ 14:43

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4950144	Test Start :	12/17/2024 @ 15:06
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:12
Location :	1st FL=Asst. Principal	Received:	12/23/2024 @ 12:36
Radon Level :	0.9 pCi/L	Analyzed:	12/24/2024 @ 15:13

Error for Measurement is: ± 0.5 pCi/L

Canister ID# :	4950216	Test Start :	12/17/2024 @ 15:06
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:13
Location :	1st FL = Front Office	Received:	12/23/2024 @ 12:36
Radon Level :	1.0 pCi/L	Analyzed:	12/24/2024 @ 14:40

Error for Measurement is: ± 0.5 pCi/L

Canister ID# :	4949796	Test Start :	12/17/2024 @ 15:07
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:16
Location :	1st FL = Rm 06	Received:	12/23/2024 @ 12:36
Radon Level :	0.3 pCi/L	Analyzed:	12/24/2024 @ 15:12

Error for Measurement is: ± 0.4 pCi/L

Canister ID# :	4948006	Test Start :	12/17/2024 @ 15:08
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:16
Location :	1st FL=Breastfeeding Rm	Received:	12/23/2024 @ 12:36
Radon Level :	1.1 pCi/L	Analyzed:	12/24/2024 @ 14:57

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Site Radon Inspection Report

Date : 12/23/2024

Ms. Felicia Filarski
ECS MID-ATLANTIC, LLC
4004 Hunterstand Court
Suite 102
Charlottesville, VA 22911-

Client: George Mason E.S.
Test Location: 2601 Cameron Mills Road
Alexandria, VA 22302-

Individual Canister Results

Error for Measurement is: ± 0.5 pCi/L

Canister ID# :	4951004	Test Start :	12/17/2024 @ 15:33
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/19/2024 @ 15:34
Location :	1st FL = Rm 03-A	Received:	12/23/2024 @ 12:36
Radon Level :	0.9 pCi/L	Analyzed:	12/24/2024 @ 14:58
Error for Measurement is: ±	0.4 pCi/L		

The reported results indicate that radon levels in the building tested are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon (www.epa.gov/radon/pubs/citguide.html). To request a copy or for further information, please contact your state health department. The EPA maintains a radon information website, including copies of its publications, at www.epa.gov/iaq/radon.

For New Jersey clients: Please see the attached guidance document entitled Radon Testing and Mitigation: The Basics for further information.

For New York clients: If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free1-800-458-1158.

PLEDGE OF ASSURED QUALITY

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken by the customer or it's consultants based on RTCA-provided results.

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PC2502040011

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 02/04/2025

Ms. Catey Bourne
ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: Alexandria City Public Schools
Test Location: 14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Individual Canister Results

Canister ID# :	4955348	Test Start :	01/27/2025 @ 12:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/29/2025 @ 12:00
Location :	1st FL = Office/BL	Received:	02/04/2025 @ 10:27
Radon Level :	0.1 pCi/L	Analyzed:	02/04/2025 @ 10:33
Error for Measurement is:	± 0.5 pCi/L		

Canister ID# :	4955379	Test Start :	01/27/2025 @ 12:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/29/2025 @ 12:00
Location :	1st FL = Office/BL	Received:	02/04/2025 @ 10:27
Radon Level :	0.6 pCi/L	Analyzed:	02/04/2025 @ 10:48
Error for Measurement is:	± 0.4 pCi/L		

Canister ID# :	4955408	Test Start :	01/27/2025 @ 12:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/29/2025 @ 12:00
Location :	1st FL = Office/BL	Received:	02/04/2025 @ 10:27
Radon Level :	0.1 pCi/L	Analyzed:	02/04/2025 @ 10:48
Error for Measurement is:	± 0.1 pCi/L		

Canister ID# :	4994949	Test Start :	01/27/2025 @ 12:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/29/2025 @ 12:00
Location :	1st FL = Transit/BL	Received:	02/04/2025 @ 10:27
Radon Level :	0.2 pCi/L	Analyzed:	02/04/2025 @ 10:33
Error for Measurement is:	± 0.4 pCi/L		

Canister ID# :	4994954	Test Start :	01/27/2025 @ 12:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/29/2025 @ 12:00
Location :	1st FL = Transit/BL	Received:	02/04/2025 @ 10:27
Radon Level :	0.1 pCi/L	Analyzed:	02/04/2025 @ 10:48
Error for Measurement is:	± 0.4 pCi/L		

Canister ID# :	4994993	Test Start :	01/27/2025 @ 12:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/29/2025 @ 12:00
Location :	1st FL = Transit/BL	Received:	02/04/2025 @ 10:27
Radon Level :	0.6 pCi/L	Analyzed:	02/04/2025 @ 10:48

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RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 02/04/2025

Ms. Catey Bourne
ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: Alexandria City Public Schools
Test Location: 14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Individual Canister Results

Error for Measurement is: ± 0.5 pCi/L

The reported results indicate that radon levels in the building tested are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

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Appendix VI: Certifications/ Licenses

THE NATIONAL RADON SAFETY BOARD

Certified Radon Professionals

Certifies that

Catherine G. Bourne

Has Successfully Met The Established & Published Requirements for Certification
by The National Radon Safety Board as a

Radon Measurement Specialist

ECS MID-ATLANTIC, LLC: NRSB432

17SS012

Certification Number

1/30/2025

Expiration Date

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This certificate is the property of The National Radon Safety Board