RADON TESTING SERVICES

GEORGE WASHINGTON MIDDLE SCHOOL

1005 MOUNT VERNON AVENUE
ALEXANDRIA, VIRGINIA 22301

ECS PROJECT NO. 47:11652-X

FOR: ALEXANDRIA CITY PUBLIC SCHOOLS

MAY 23, 2025

May 23, 2025

Ms. Ayanna Harrison
Alexandria City Public Schools
1340 Braddock Place
Suite 620
Alexandria, Virginia 22314

ECS Project No. 47:11652-X

Reference: Radon Testing Services, George Washington Middle School, 1005 Mount Vernon Avenue, Alexandria, Virginia

Dear Ms. Harrison:

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 Washington Middle School located at 1005 Mount Vernon Avenue 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
cchapman@ecslimited.com
703-471-8400

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1.0 SITE DESCRIPTION

The subject property is developed with the George Washington Middle School, which consists of a three-story school building and is located at 1005 Mount Vernon Avenue in Alexandria, Virginia. Based on the information available, the building encompasses approximately 286,000 square feet and was built in 1950.

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

William Sargent, a National Radon Safety Board (NRSB) Certified Radon Measurement Specialist (Certification No. NRSB 24MS088). with ECS Mid-Atlantic, LLC (ECS) conducted radon sampling at the George Washington Middle 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 January 10 to January 13, 2025. 122 activated charcoal detectors, including blanks and 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 that 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

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 valid tests submitted for analysis (including duplicates and blanks) ranged from 0.1 to 3.4 pCi/L.

ANSI/AARST advises that if test results indicate radon concentrations greater than half the action level (e.g., between 2.0 and 4.0 pCi/L), you should consider fixing the building. Rooms that had results over 2.0 pCi/L are: C113, A118, C110, C123, C125, C131, A106, A109, and A113.

The samples placed in Room A342, Room A348, and one sample in the cafeteria were found to be tampered with during the test period. Additionally, Room A163 and the basement of the building were inaccessible at the time of testing. Allowances are permitted for circumstances where there are inaccessible areas, missing detectors, or invalid samples upon retrieval. ANSI/AARST guidance allows for no more than 33% missing or invalid tests where all valid measurement results in the building are less than 4.0 pCi/L and more than 20 locations are tested. According to the AARST guidance, it may be assumed with approximately 90-95% confidence that these locations' results would be below the EPA action level.

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

4.1.1 Quality Assurance/Quality Control Measurements

A total of 97 locations were tested in the building. Based on the number of testing locations, eleven (11) 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 samples measurements less than 2.0 pCi/L cannot be greater than 1.0 pCi/L. All duplicate samples produced radon levels at or below 2.0 pCi/L and 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 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

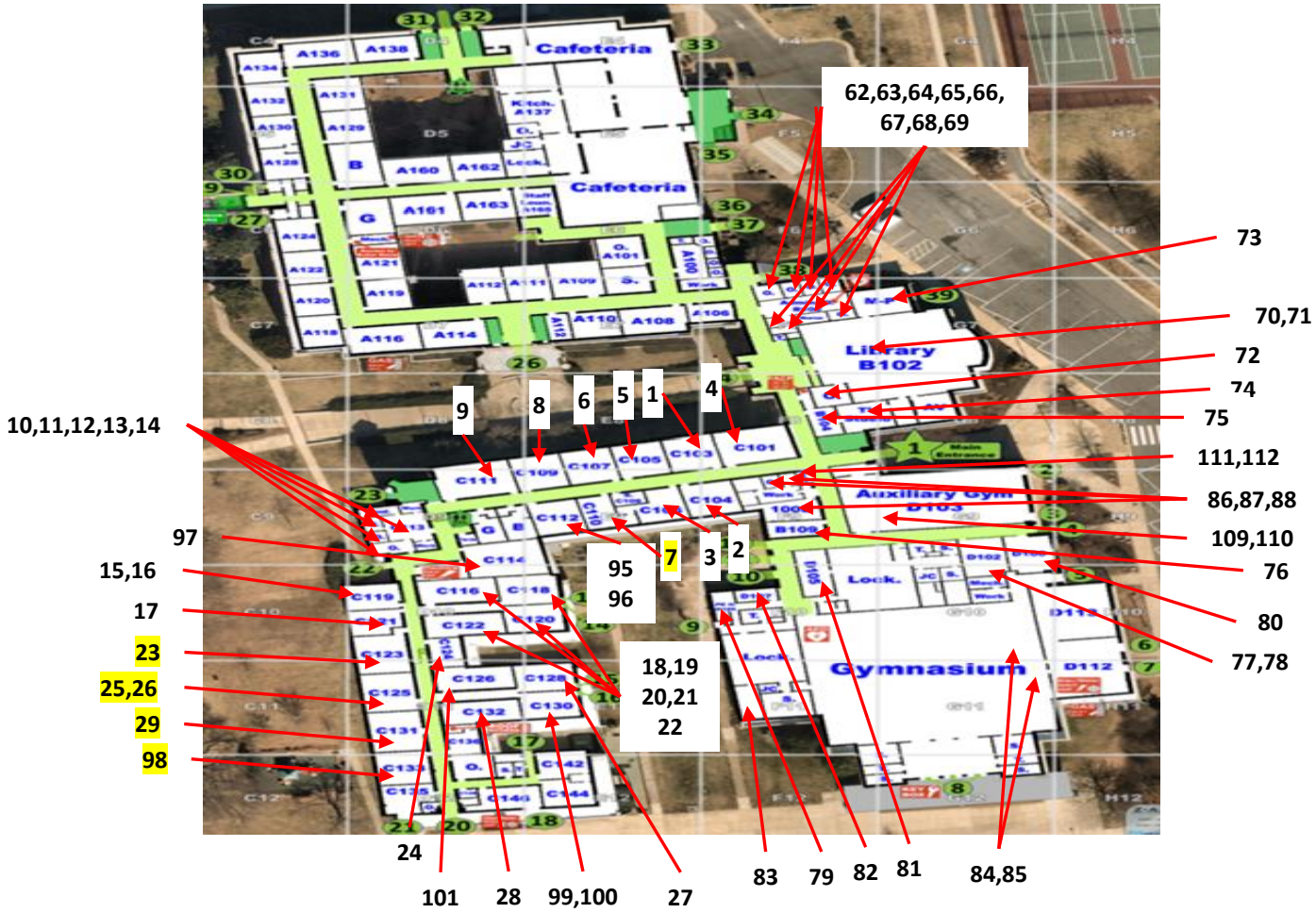
The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards 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: Drawings



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.

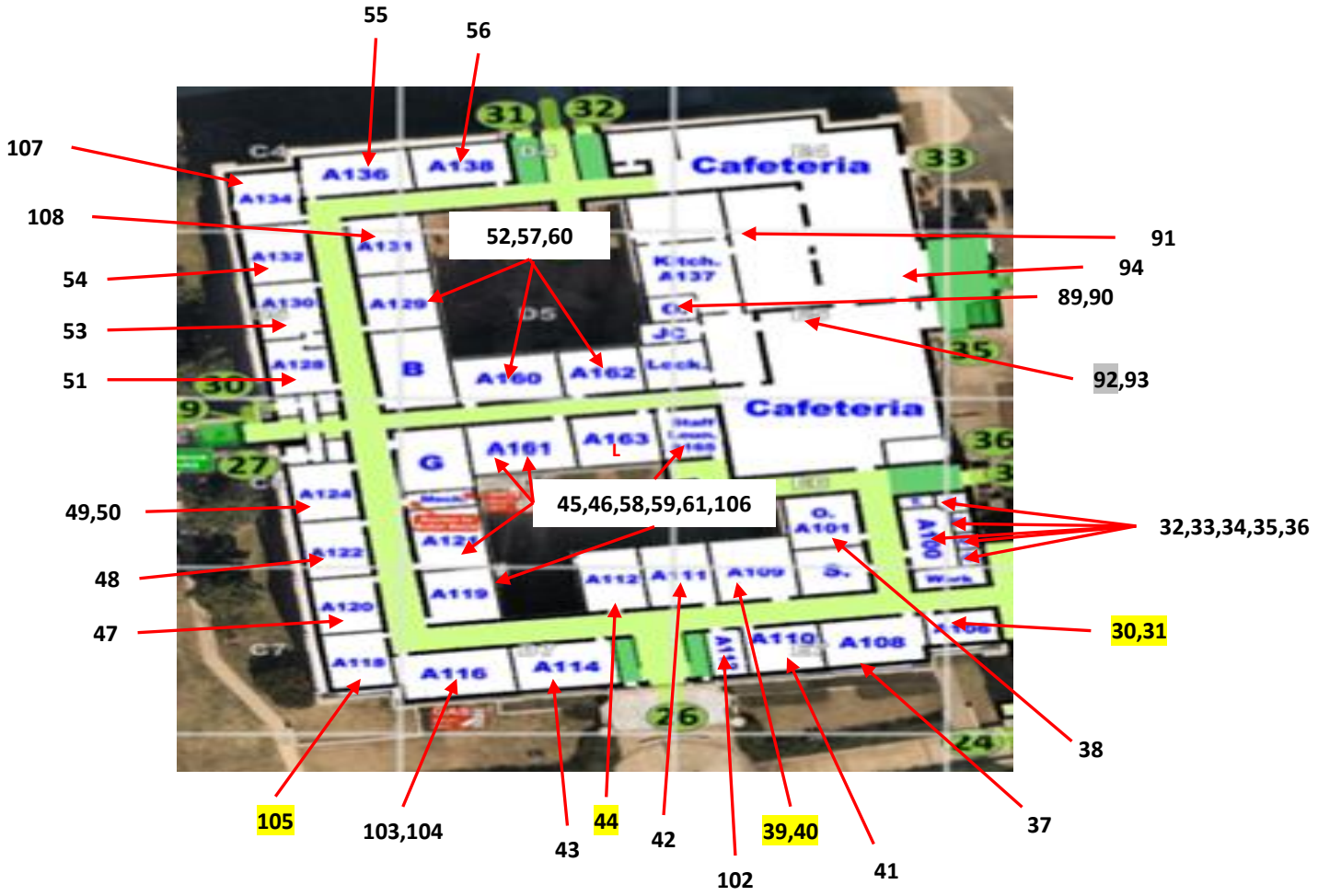
ACPS Radon Testing
George Washington Middle School
1005 Mt Vernon Ave, Alexandria, Virginia 22301

1st Floor Sample Location Diagram

Scale: NTS

Project No. 47:11652-X

Site Visits: 1/10/25 & 1/13/25



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.

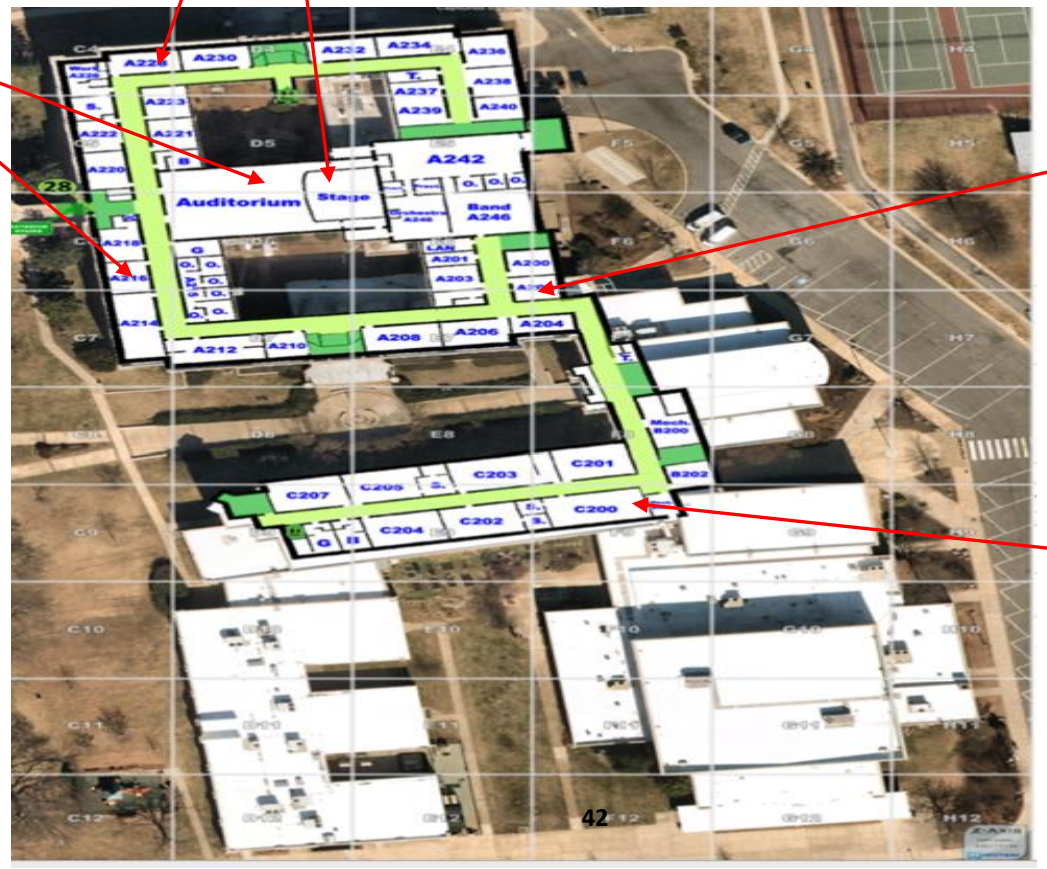
ACPS Radon Testing
George Washington Middle School
1005 Mt Vernon Ave, Alexandria, Virginia 22301

1st Floor (A-Wing) Sample Location Diagram

Scale: NTS

Project No. 47:11652-X

Site Visits: 1/10/25 & 1/13/25



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 Washington Middle School
1005 Mt Vernon Ave, Alexandria, Virginia 22301

2nd Floor Sample Location Diagram

Scale: NTS

Project No. 47:11652-X

Site Visits: 1/10/25 & 1/13/25



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 Washington Middle School
1005 Mt Vernon Ave, Alexandria, Virginia 22301

3rd Floor Sample Location Diagram

Scale: NTS

Project No. 47:11652-X

Site Visits: 1/10/25 & 1/13/25

Appendix II: Radon Detector Results

Radon Results						
Sample Location No.	**Sample Dates**	**Sample Location**	**Notes**	**Analytical Results (pCi/L)**	**Error for Measurement +/-**	**Duplicate RPD**
1	1/10/25-1/13/25	C103	.	1.7	0.2	N/A
2	1/10/25-1/13/25	C104		1.5	0.2	N/A
3	1/10/25-1/13/25	C106		1.7	0.2	N/A
4	1/10/25-1/13/25	C101		1.1	0.2	N/A
5	1/10/25-1/13/25	C105		1.8	0.2	N/A
6	1/10/25-1/13/25	C107		1.3	0.2	N/A
7	1/10/25-1/13/25	*C110*		*2.3*	*0.2*	*N/A*
8	1/10/25-1/13/25	C109		1.0	0.2	N/A
9	1/10/25-1/13/25	C111		0.9	0.2	N/A
10	1/10/25-1/13/25	C113 - Malone		0.6	0.2	N/A
11	1/10/25-1/13/25	C113 - Jackson		0.4	0.2	N/A
12	1/10/25-1/13/25	C113 - Rick		0.4	0.2	N/A
13	1/10/25-1/13/25	C113 - Hampton		0.5	0.2	N/A
14	1/10/25-1/13/25	C113 - Main Office		0.6	0.1	N/A
15	1/10/25-1/13/25	C119	Duplicate	1.6	0.2	Average reading < 2.0; Difference is 0.1
16	1/10/25-1/13/25	C119	Duplicate	1.5	0.2	
17	1/10/25-1/13/25	C121		0.5	0.2	N/A
18	1/10/25-1/13/25	C116		0.5	0.2	N/A
19	1/10/25-1/13/25	C118		0.6	0.2	N/A
20	1/10/25-1/13/25	C118	Blank	0.1	0.1	N/A
21	1/10/25-1/13/25	C120		1.6	0.2	N/A
22	1/10/25-1/13/25	C122		1.2	0.2	N/A
23	1/10/25-1/13/25	*C123*		*2.1*	*0.2*	*N/A*
24	1/10/25-1/13/25	C124		0.8	0.2	N/A
25	1/10/25-1/13/25	*C125*	*Duplicate*	*2.3*	*0.2*	*9.09*
26	1/10/25-1/13/25	*C125*	*Duplicate*	*2.1*	*0.2*	
27	1/10/25-1/13/25	C128		0.5	0.2	N/A
28	1/10/25-1/13/25	C132		0.6	0.2	N/A
29	1/10/25-1/13/25	*C131*		*2.4*	*0.2*	*N/A*
30	1/10/25-1/13/25	*A106*	*Duplicate*	*2.8*	*0.2*	*7.41*
31	1/10/25-1/13/25	*A106*	*Duplicate*	*2.6*	*0.2*	
32	1/10/25-1/13/25	A100 - Perkins		1.3	0.2	N/A
33	1/10/25-1/13/25	A100 - Shackelford		1.2	0.2	N/A
34	1/10/25-1/13/25	A100 - Najjar		1.0	0.2	N/A
35	1/10/25-1/13/25	A100 - Conference Room		1.0	0.2	N/A
36	1/10/25-1/13/25	A100 - Main Office		1.1	0.2	N/A
37	1/10/25-1/13/25	A108		0.7	0.2	N/A
38	1/10/25-1/13/25	A101 - Principals Office		0.7	0.2	N/A
39	1/10/25-1/13/25	*A109*	*Duplicate*	*2.5*	*0.2*	*22.22*
40	1/10/25-1/13/25	*A109*	*Duplicate*	*2.0*	*0.2*	

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

Radon Results						
Sample Location No.	**Sample Dates**	**Sample Location**	**Notes**	**Analytical Results (pCi/L)**	**Error for Measurement +/-**	**Duplicate RPD**
41	1/10/25-1/13/25	A110		0.8	0.2	N/A
42	1/10/25-1/13/25	A111		1.8	0.2	N/A
43	1/10/25-1/13/25	A114		0.7	0.2	N/A
44	1/10/25-1/13/25	*A113*		*3.4*	*0.2*	*N/A*
45	1/10/25-1/13/25	A119		0.7	0.2	N/A
46	1/10/25-1/13/25	A119	Blank	0.1	0.2	N/A
47	1/10/25-1/13/25	A120		1.0	0.2	N/A
48	1/10/25-1/13/25	A122		1.4	0.2	N/A
49	1/10/25-1/13/25	A124	Duplicate	1.3	0.2	Average reading < 2.0; Difference is 0.3
50	1/10/25-1/13/25	A124	Duplicate	1.6	0.2	
51	1/10/25-1/13/25	A128		0.9	0.2	N/A
52	1/10/25-1/13/25	A129		1.2	0.2	N/A
53	1/10/25-1/13/25	A130		1.2	0.2	N/A
54	1/10/25-1/13/25	A132		1.2	0.2	N/A
55	1/10/25-1/13/25	A136		1.0	0.2	N/A
56	1/10/25-1/13/25	A138		1.3	0.2	N/A
57	1/10/25-1/13/25	A160		1.2	0.2	N/A
58	1/10/25-1/13/25	A161	Duplicate	0.8	0.2	Average reading < 2.0; Difference is 0.1
59	1/10/25-1/13/25	A161	Duplicate	0.9	0.2	
60	1/10/25-1/13/25	A162		0.5	0.2	N/A
61	1/10/25-1/13/25	A165 - Teachers Lounge		1.1	0.2	N/A
62	1/10/25-1/13/25	B100 - Forbes		1.5	0.2	N/A
63	1/10/25-1/13/25	B100 - Lares		0.9	0.2	N/A
64	1/10/25-1/13/25	B100 - Grados		1.0	0.2	N/A
65	1/10/25-1/13/25	B100 - Ross		0.8	0.2	N/A
66	1/10/25-1/13/25	B100 - Moody		1.0	0.2	N/A
67	1/10/25-1/13/25	B100 - Clinic Assistant		1.0	0.2	N/A
68	1/10/25-1/13/25	B100 - Clinic Mertsock		1.1	0.2	N/A
69	1/10/25-1/13/25	B100 - Main Office		0.9	0.2	N/A
70	1/10/25-1/13/25	B102 - Library		1.2	0.2	N/A
71	1/10/25-1/13/25	B102 - Library		0.9	0.2	N/A
72	1/10/25-1/13/25	B102 - Library Office		1.7	0.2	N/A
73	1/10/25-1/13/25	B102 - Multi Purpose Room		0.6	0.2	N/A
74	1/10/25-1/13/25	B104 - NRT Training Room		1.1	0.2	N/A
75	1/10/25-1/13/25	B104 - NRT Main Office		1.1	0.2	N/A
76	1/10/25-1/13/25	B109		1.0	0.2	N/A
77	1/10/25-1/13/25	D102	Duplicate	0.4	0.2	Average reading < 2.0; Difference is 0.3
78	1/10/25-1/13/25	D102	Duplicate	0.7	0.2	
79	1/10/25-1/13/25	D109 - Instructor		0.6	0.2	N/A
80	1/10/25-1/13/25	D100		0.4	0.2	N/A
81	1/10/25-1/13/25	D105		0.5	0.2	N/A

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

Radon Results						
Sample Location No.	**Sample Dates**	**Sample Location**	**Notes**	**Analytical Results (pCi/L)**	**Error for Measurement +/-**	**Duplicate RPD**
82	1/10/25-1/13/25	D107 - P.E Director		0.8	0.2	N/A
83	1/10/25-1/13/25	Womens P.E Office		0.7	0.2	N/A
84	1/10/25-1/13/25	Main Gym		0.3	0.1	N/A
85	1/10/25-1/13/25	Main Gym		0.3	0.2	N/A
86	1/10/25-1/13/25	C100 - B		1.0	0.2	N/A
87	1/10/25-1/13/25	C100 - C		1.0	0.2	N/A
88	1/10/25-1/13/25	C100 - A / Assistant Principal Office		0.8	0.2	N/A
89	1/10/25-1/13/25	Kitchen Office	Duplicate	0.6	0.2	Average reading < 2.0; Difference is 0.0
90	1/10/25-1/13/25	Kitchen Office	Duplicate	0.6	0.2	
91	1/10/25-1/13/25	Kitchen Pass		0.7	0.2	N/A
92	1/10/25-1/13/25	Cafeteria	Found Upside Down	0.5	0.2	N/A
93	1/10/25-1/13/25	Cafeteria	Blank	0.1	0.4	N/A
94	1/10/25-1/13/25	Cafeteria		0.6	0.2	N/A
95	1/10/25-1/13/25	C112	Duplicate	1.3	0.2	Average reading < 2.0; Difference is 0.1
96	1/10/25-1/13/25	C112	Duplicate	1.2	0.2	
97	1/10/25-1/13/25	C114		0.8	0.2	N/A
98	1/10/25-1/13/25	*C133*		*2.3*	*0.2*	*N/A*
99	1/10/25-1/13/25	C130	Duplicate	0.5	0.2	Average reading < 2.0; Difference is 0.1
100	1/10/25-1/13/25	C130	Duplicate	0.5	0.2	
101	1/10/25-1/13/25	C126		0.9	0.2	N/A
102	1/10/25-1/13/25	A112		0.8	0.2	N/A
103	1/10/25-1/13/25	A116	Duplicate	0.8	0.2	Average reading < 2.0; Difference is 0.1
104	1/10/25-1/13/25	A116	Duplicate	0.9	0.2	
105	1/10/25-1/13/25	*A118*		*2.3*	*0.2*	*N/A*
106	1/10/25-1/13/25	A121		0.8	0.2	N/A
107	1/10/25-1/13/25	A134		1.0	0.2	N/A
108	1/10/25-1/13/25	A131		1.5	0.2	N/A
109	1/10/25-1/13/25	Auxillary Gym	Duplicate	1.0	0.2	Average reading < 2.0; Difference is 0.0
110	1/10/25-1/13/25	Auxillary Gym	Duplicate	1.0	0.2	
111	1/10/25-1/13/25	Security Desk	Duplicate	0.7	0.2	Average reading < 2.0; Difference is 0.0
112	1/10/25-1/13/25	Security Desk	Duplicate	0.7	0.1	
113	1/10/25-1/13/25	C200		0.7	0.2	N/A
114	1/10/25-1/13/25	A202		1.0	0.2	N/A
115	1/10/25-1/13/25	A216		1.4	0.2	N/A
116	1/10/25-1/13/25	2nd Floor Auditorium - Stage		0.5	0.2	N/A
117	1/10/25-1/13/25	2nd Floor Auditorium Seating Area		0.7	0.2	N/A
118	1/10/25-1/13/25	A228		1.0	0.2	N/A
119	1/10/25-1/13/25	A342	Found Mostly Covered	1.0	0.2	N/A
120	1/10/25-1/13/25	A348	Found Mostly Covered	1.0	0.4	N/A
121	1/10/25-1/13/25	A316		0.8	0.4	N/A
122	1/10/25-1/13/25	A308		0.8	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	34
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	42 degrees Fahrenheit
Minimum Outdoor Temperature	25 degrees Fahrenheit
Average Outdoor Temperature	34 degrees Fahrenheit
Total Precipitation	0.07 Inches
Ground Cover by Snow or Ice?	Yes

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

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

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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		

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Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

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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.

National Radon Safety Board NRSB Certified Radon Professionals

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NYS ELAP ID: 10806
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FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

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

PC2501140031

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 01/14/2025

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959151	Test Start :	01/10/2025 @ 09:35
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:19
Location :	1st FL=C-103	Received:	01/14/2025 @ 10:38
Radon Level :	1.7 pCi/L	Analyzed:	01/14/2025 @ 15:53
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959460	Test Start :	01/10/2025 @ 09:36
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:20
Location :	1st FL=C-104	Received:	01/14/2025 @ 10:38
Radon Level :	1.5 pCi/L	Analyzed:	01/14/2025 @ 15:21
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959485	Test Start :	01/10/2025 @ 09:37
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:21
Location :	1st FL=C-106	Received:	01/14/2025 @ 10:38
Radon Level :	1.7 pCi/L	Analyzed:	01/14/2025 @ 15:04
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959473	Test Start :	01/10/2025 @ 09:38
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:23
Location :	1st FL=C-101	Received:	01/14/2025 @ 10:38
Radon Level :	1.1 pCi/L	Analyzed:	01/14/2025 @ 15:26
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959459	Test Start :	01/10/2025 @ 09:40
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:24
Location :	1st FL=C-105	Received:	01/14/2025 @ 10:38
Radon Level :	1.8 pCi/L	Analyzed:	01/14/2025 @ 15:04
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959508	Test Start :	01/10/2025 @ 09:41
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:25
Location :	1st FL=C-107	Received:	01/14/2025 @ 10:38
Radon Level :	1.3 pCi/L	Analyzed:	01/14/2025 @ 15:04
Error for Measurement is:	± 0.2 pCi/L		

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NJ MES 11089

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Laboratory Director

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PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

RTCA RADON TESTING CORPORATION OF AMERICA

PC2501140031

Site Radon Inspection Report

Date : 01/14/2025

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959453	Test Start :	01/10/2025 @ 09:41
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:28
Location :	1st FL=C-110	Received:	01/14/2025 @ 10:38
Radon Level :	2.3 pCi/L	Analyzed:	01/14/2025 @ 16:50
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959156	Test Start :	01/10/2025 @ 09:42
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:31
Location :	1st FL=C-109	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 16:52
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959663	Test Start :	01/10/2025 @ 09:44
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:32
Location :	1st FL=C-111	Received:	01/14/2025 @ 10:38
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 16:37
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959471	Test Start :	01/10/2025 @ 09:46
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:34
Location :	1st FL=C-113/Malone	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 14:38
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959579	Test Start :	01/10/2025 @ 09:47
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:36
Location :	1st FL=C-113/Jackson	Received:	01/14/2025 @ 10:38
Radon Level :	0.4 pCi/L	Analyzed:	01/14/2025 @ 15:26
Error for Measurement is: ±	0.1 pCi/L		

Canister ID# :	4959115	Test Start :	01/10/2025 @ 09:49
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:38
Location :	1st FL=C-113/Rick	Received:	01/14/2025 @ 10:38
Radon Level :	0.4 pCi/L	Analyzed:	01/14/2025 @ 15:26
Error for Measurement is: ±	0.2 pCi/L		

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IL RNL2000201

(914)345-3380
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RTCA RADON TESTING CORPORATION OF AMERICA

PC2501140031

Site Radon Inspection Report

Date : 01/14/2025

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959475	Test Start :	01/10/2025 @ 09:50
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:40
Location :	1st FL=C-113/Hampton	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/15/2025 @ 10:06

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959515	Test Start :	01/10/2025 @ 09:51
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:41
Location :	1st FL=C-113/Main Off.	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 14:55

Error for Measurement is: ± 0.1 pCi/L

Canister ID# :	4959447	Test Start :	01/10/2025 @ 09:59
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:43
Location :	1st FL=C-119/DP	Received:	01/14/2025 @ 10:38
Radon Level :	1.6 pCi/L	Analyzed:	01/14/2025 @ 15:04

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959509	Test Start :	01/10/2025 @ 09:59
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:43
Location :	1st FL=C-119/DP	Received:	01/14/2025 @ 10:38
Radon Level :	1.5 pCi/L	Analyzed:	01/14/2025 @ 16:44

Average of Side by Side Canisters 1.6 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959478	Test Start :	01/10/2025 @ 10:03
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:53
Location :	1st FL=C-121	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 15:39

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959665	Test Start :	01/10/2025 @ 10:04
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:55
Location :	1st FL=C-116	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 16:29

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George

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Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

RTCA RADON TESTING CORPORATION OF AMERICA

PC2501140031

Site Radon Inspection Report

Date : 01/14/2025

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959633	Test Start :	01/10/2025 @ 10:06
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:58
Location :	1st FL=C-118	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 15:22

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959464	Test Start :	01/10/2025 @ 10:06
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:58
Location :	1st FL=C-118/BL	Received:	01/14/2025 @ 10:38
Radon Level :	0.1 pCi/L	Analyzed:	01/14/2025 @ 16:06

Error for Measurement is: ± 0.1 pCi/L

Canister ID# :	4959458	Test Start :	01/10/2025 @ 10:07
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 09:59
Location :	1st FL=C-120	Received:	01/14/2025 @ 10:38
Radon Level :	1.6 pCi/L	Analyzed:	01/14/2025 @ 16:37

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959483	Test Start :	01/10/2025 @ 10:08
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:01
Location :	1st FL=C-122	Received:	01/14/2025 @ 10:38
Radon Level :	1.2 pCi/L	Analyzed:	01/14/2025 @ 16:17

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959472	Test Start :	01/10/2025 @ 10:09
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:02
Location :	1st FL=C-123	Received:	01/14/2025 @ 10:38
Radon Level :	2.1 pCi/L	Analyzed:	01/14/2025 @ 15:53

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959452	Test Start :	01/10/2025 @ 10:10
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:03
Location :	1st FL=C-124	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 14:50

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Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

RTCA RADON TESTING CORPORATION OF AMERICA

PC2501140031

Site Radon Inspection Report

Date : 01/14/2025

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959463	Test Start :	01/10/2025 @ 10:11
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:03
Location :	1st FL=C-125/DP	Received:	01/14/2025 @ 10:38
Radon Level :	2.3 pCi/L	Analyzed:	01/14/2025 @ 15:08

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959635	Test Start :	01/10/2025 @ 10:11
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:03
Location :	1st FL=C-125/DP	Received:	01/14/2025 @ 10:38
Radon Level :	2.1 pCi/L	Analyzed:	01/15/2025 @ 09:53

Average of Side by Side Canisters 2.2 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959162	Test Start :	01/10/2025 @ 10:13
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:05
Location :	1st FL=C-128	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 15:40

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959462	Test Start :	01/10/2025 @ 10:14
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:06
Location :	1st FL=C-132	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/15/2025 @ 09:53

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959456	Test Start :	01/10/2025 @ 10:16
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:08
Location :	1st FL=C-131	Received:	01/14/2025 @ 10:38
Radon Level :	2.4 pCi/L	Analyzed:	01/14/2025 @ 16:37

Error for Measurement is: ± 0.2 pCi/L

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Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959481	Test Start :	01/10/2025 @ 10:25
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:34
Location :	1st FL=A-106/DP	Received:	01/14/2025 @ 10:38
Radon Level :	2.8 pCi/L	Analyzed:	01/14/2025 @ 14:55

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959482	Test Start :	01/10/2025 @ 10:25
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:34
Location :	1st FL=A-106/DP	Received:	01/14/2025 @ 10:38
Radon Level :	2.6 pCi/L	Analyzed:	01/14/2025 @ 16:29

Average of Side by Side Canisters 2.7 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959480	Test Start :	01/10/2025 @ 10:35
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:36
Location :	1st FL=A-100/Perkins	Received:	01/14/2025 @ 10:38
Radon Level :	1.3 pCi/L	Analyzed:	01/14/2025 @ 15:13

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959150	Test Start :	01/10/2025 @ 10:35
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:38
Location :	1st FL=A-100/Shackelford	Received:	01/14/2025 @ 10:38
Radon Level :	1.2 pCi/L	Analyzed:	01/14/2025 @ 15:07

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959653	Test Start :	01/10/2025 @ 10:37
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:39
Location :	1st FL=A-100/Najjar	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:28

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959655	Test Start :	01/10/2025 @ 10:38
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:40
Location :	1st FL=A-100/Conf. Rm	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 14:50

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Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959479	Test Start :	01/10/2025 @ 10:39
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:40
Location :	1st FL=A-100/Main Off.	Received:	01/14/2025 @ 10:38
Radon Level :	1.1 pCi/L	Analyzed:	01/15/2025 @ 10:06

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959582	Test Start :	01/10/2025 @ 10:42
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:42
Location :	1st FL=A-108	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 14:51

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959484	Test Start :	01/10/2025 @ 10:45
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:44
Location :	1st FL=A-101/Principal	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/15/2025 @ 09:53

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959523	Test Start :	01/10/2025 @ 10:47
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:46
Location :	1st FL=A-109/DP	Received:	01/14/2025 @ 10:37
Radon Level :	2.5 pCi/L	Analyzed:	01/14/2025 @ 16:50

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959642	Test Start :	01/10/2025 @ 10:47
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:46
Location :	1st FL=A-109/DP	Received:	01/14/2025 @ 10:38
Radon Level :	2.0 pCi/L	Analyzed:	01/15/2025 @ 09:53

Average of Side by Side Canisters 2.3 pCi/L

Error for Measurement is: ± 0.2 pCi/L

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Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

2 Hayes Street, Elmsford, NY 10523
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Ms. Catey Bourne
ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
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Chantilly, VA 20151-

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959469	Test Start :	01/10/2025 @ 10:49
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:48
Location :	1st FL=A-110	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 16:52
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959513	Test Start :	01/10/2025 @ 10:51
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:49
Location :	1st FL=A-111	Received:	01/14/2025 @ 10:38
Radon Level :	1.8 pCi/L	Analyzed:	01/14/2025 @ 16:32
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959516	Test Start :	01/10/2025 @ 10:51
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:52
Location :	1st FL=A-114	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 16:43
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959474	Test Start :	01/10/2025 @ 10:56
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:54
Location :	1st FL=A-113	Received:	01/14/2025 @ 10:38
Radon Level :	3.4 pCi/L	Analyzed:	01/14/2025 @ 16:32
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959155	Test Start :	01/10/2025 @ 11:01
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:57
Location :	1st FL=A-119	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 16:32
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959644	Test Start :	01/10/2025 @ 11:01
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:57
Location :	1st FL=A-119/BL	Received:	01/14/2025 @ 10:38
Radon Level :	0.1 pCi/L	Analyzed:	01/14/2025 @ 16:17
Error for Measurement is: ±	0.2 pCi/L		

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Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
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Chantilly, VA 20151-

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Test Location: 1005 Mount Vernon Avenue
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Individual Canister Results

Canister ID# :	4959648	Test Start :	01/10/2025 @ 11:02
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:06
Location :	1st FL=A-120	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 16:50

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959120	Test Start :	01/10/2025 @ 11:04
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:10
Location :	1st FL=A-122	Received:	01/14/2025 @ 10:38
Radon Level :	1.4 pCi/L	Analyzed:	01/14/2025 @ 16:50

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959116	Test Start :	01/10/2025 @ 11:05
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:13
Location :	1st FL=A-124/DP	Received:	01/14/2025 @ 10:38
Radon Level :	1.3 pCi/L	Analyzed:	01/14/2025 @ 16:52

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959161	Test Start :	01/10/2025 @ 11:05
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:13
Location :	1st FL=A-124/DP	Received:	01/14/2025 @ 10:37
Radon Level :	1.3 pCi/L	Analyzed:	01/14/2025 @ 16:29

Average of Side by Side Canisters 1.3 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959476	Test Start :	01/10/2025 @ 11:07
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:16
Location :	1st FL=A-128	Received:	01/14/2025 @ 10:37
Radon Level :	1.6 pCi/L	Analyzed:	01/14/2025 @ 16:37

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959522	Test Start :	01/10/2025 @ 11:09
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:18
Location :	1st FL=A-129	Received:	01/14/2025 @ 10:37
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 16:44

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Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
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ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959465	Test Start :	01/10/2025 @ 11:10
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:20
Location :	1st FL=A-130	Received:	01/14/2025 @ 10:38
Radon Level :	1.2 pCi/L	Analyzed:	01/15/2025 @ 10:06

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959657	Test Start :	01/10/2025 @ 11:12
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:21
Location :	1st FL=A-132	Received:	01/14/2025 @ 10:38
Radon Level :	1.2 pCi/L	Analyzed:	01/14/2025 @ 16:44

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959524	Test Start :	01/10/2025 @ 11:15
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:27
Location :	1st FL=A-136	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 16:29

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959517	Test Start :	01/10/2025 @ 11:17
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:29
Location :	1st FL=A-138	Received:	01/14/2025 @ 10:38
Radon Level :	1.3 pCi/L	Analyzed:	01/14/2025 @ 16:43

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959636	Test Start :	01/10/2025 @ 11:20
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:36
Location :	1st FL=A-160	Received:	01/14/2025 @ 10:38
Radon Level :	1.2 pCi/L	Analyzed:	01/14/2025 @ 15:39

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959510	Test Start :	01/10/2025 @ 11:21
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:53
Location :	1st FL=A-161/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 14:55

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NJ MEB 90036
FL DOH RB1609
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Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959652	Test Start :	01/10/2025 @ 11:21
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:53
Location :	1st FL=A-161/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 15:40

Average of Side by Side Canisters 0.9 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959450	Test Start :	01/10/2025 @ 11:23
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:54
Location :	1st FL=A-162	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 16:06

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959664	Test Start :	01/10/2025 @ 11:25
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:56
Location :	1st FL=A-165/Teachers Lounge	Received:	01/14/2025 @ 10:38
Radon Level :	1.1 pCi/L	Analyzed:	01/14/2025 @ 15:22

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959467	Test Start :	01/10/2025 @ 11:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:06
Location :	1st FL=B-100/Forbes	Received:	01/14/2025 @ 10:38
Radon Level :	1.5 pCi/L	Analyzed:	01/14/2025 @ 14:33

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959647	Test Start :	01/10/2025 @ 11:32
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:07
Location :	1st FL=B-100/Lares	Received:	01/14/2025 @ 10:38
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 15:40

Error for Measurement is: ± 0.2 pCi/L

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ECS MID-ATLANTIC, LLC
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Individual Canister Results

Canister ID# :	4959154	Test Start :	01/10/2025 @ 11:34
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:09
Location :	1st FL=B-100/Grados	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:28
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959637	Test Start :	01/10/2025 @ 11:36
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:10
Location :	1st FL=B-100/Ross	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 15:28
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959111	Test Start :	01/10/2025 @ 11:38
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:11
Location :	1st FL=B-100/Moody	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 14:53
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959466	Test Start :	01/10/2025 @ 11:39
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:13
Location :	1st FL=B-100/Clinic Assist.	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:55
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959153	Test Start :	01/10/2025 @ 11:41
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:14
Location :	1st FL=B-100/Clinic Mertsock	Received:	01/14/2025 @ 10:38
Radon Level :	1.1 pCi/L	Analyzed:	01/14/2025 @ 15:40
Error for Measurement is:	± 0.2 pCi/L		

Canister ID# :	4959114	Test Start :	01/10/2025 @ 11:42
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:16
Location :	1st FL=B-100/Main	Received:	01/14/2025 @ 10:38
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 15:21
Error for Measurement is:	± 0.2 pCi/L		

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NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

2 Hayes Street, Elmsford, NY 10523
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RTCA RADON TESTING CORPORATION OF AMERICA

PC2501140031

Site Radon Inspection Report

Date : 01/14/2025

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959634	Test Start :	01/10/2025 @ 11:45
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:17
Location :	1st FL=B-102/Library	Received:	01/14/2025 @ 10:38
Radon Level :	1.2 pCi/L	Analyzed:	01/14/2025 @ 16:06
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959640	Test Start :	01/10/2025 @ 11:46
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:17
Location :	1st FL=B-102/Library	Received:	01/14/2025 @ 10:38
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 15:55
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959658	Test Start :	01/10/2025 @ 11:47
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:18
Location :	1st FL=B-102/Library Off.	Received:	01/14/2025 @ 10:38
Radon Level :	1.7 pCi/L	Analyzed:	01/14/2025 @ 15:26
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959654	Test Start :	01/10/2025 @ 11:50
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:20
Location :	1st FL=B-102/Multi.Purp.	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 14:38
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959457	Test Start :	01/10/2025 @ 11:52
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:21
Location :	1st FL=B-104/NRT Training	Received:	01/14/2025 @ 10:38
Radon Level :	1.1 pCi/L	Analyzed:	01/14/2025 @ 15:40
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959518	Test Start :	01/10/2025 @ 11:53
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:23
Location :	1st FL=B-104/NRT Main	Received:	01/14/2025 @ 10:38
Radon Level :	1.1 pCi/L	Analyzed:	01/14/2025 @ 14:53
Error for Measurement is: ±	0.2 pCi/L		

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

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FAX (914)345-8546

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Chantilly, VA 20151-

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959632	Test Start :	01/10/2025 @ 12:01
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:43
Location :	1st FL=B-109	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:53

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959152	Test Start :	01/10/2025 @ 12:13
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:00
Location :	1st FL=D-102/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.4 pCi/L	Analyzed:	01/14/2025 @ 14:44

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959641	Test Start :	01/10/2025 @ 12:13
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:00
Location :	1st FL=D-102/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 15:21

Average of Side by Side Canisters 0.6 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959461	Test Start :	01/10/2025 @ 12:15
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:48
Location :	1st FL=D-109/Instructor	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 15:40

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959584	Test Start :	01/10/2025 @ 12:18
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:13
Location :	1st FL=D-100	Received:	01/14/2025 @ 10:38
Radon Level :	0.4 pCi/L	Analyzed:	01/14/2025 @ 15:04

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959585	Test Start :	01/10/2025 @ 12:20
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:51
Location :	1st FL=D-105	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 16:07

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Andreas C. George

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Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959583	Test Start :	01/10/2025 @ 12:23
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:50
Location :	1st FL=D-107/PE Dir.	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 15:28

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959659	Test Start :	01/10/2025 @ 12:26
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:45
Location :	1st FL=Womens P.E. Off.	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 17:04

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959455	Test Start :	01/10/2025 @ 12:27
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:55
Location :	1st FL=Main Gym	Received:	01/14/2025 @ 10:38
Radon Level :	0.3 pCi/L	Analyzed:	01/14/2025 @ 14:53

Error for Measurement is: ± 0.1 pCi/L

Canister ID# :	4959477	Test Start :	01/10/2025 @ 12:29
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:55
Location :	1st FL=Main Gym	Received:	01/14/2025 @ 10:38
Radon Level :	0.3 pCi/L	Analyzed:	01/14/2025 @ 15:04

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959639	Test Start :	01/10/2025 @ 12:37
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:40
Location :	1st FL=C-100-B	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:04

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959113	Test Start :	01/10/2025 @ 12:38
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:41
Location :	1st FL=C-100-C	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:55

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Andreas C. George

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Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959451	Test Start :	01/10/2025 @ 12:40
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:42
Location :	1st FL=C-100-A/Asst. Principal	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 17:04

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959651	Test Start :	01/10/2025 @ 12:50
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:19
Location :	1st FL=Kitchen Off./DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 14:55

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959662	Test Start :	01/10/2025 @ 12:50
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:19
Location :	1st FL=Kitchen Off./DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 15:21

Average of Side by Side Canisters 0.6 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959511	Test Start :	01/10/2025 @ 12:57
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:21
Location :	1st FL=Kitchen Pass	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 16:07

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959519	Test Start :	01/10/2025 @ 12:59
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:25
Location :	1st FL=Cafeteria	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 16:07

FOUND UPSIDE DOWN

Error for Measurement is: ± 0.2 pCi/L

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Andreas C. George

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NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

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2 Hayes Street, Elmsford, NY 10523
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Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

Canister ID# :	4959514	Test Start :	01/10/2025 @ 12:59
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:25
Location :	1st FL=Cafeteria/BL	Received:	01/14/2025 @ 10:38
Radon Level :	0.1 pCi/L	Analyzed:	01/14/2025 @ 15:22
Error for Measurement is: ±	0.4 pCi/L		

Canister ID# :	4959112	Test Start :	01/10/2025 @ 13:04
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:31
Location :	1st FL=Cafeteria	Received:	01/14/2025 @ 10:38
Radon Level :	0.6 pCi/L	Analyzed:	01/14/2025 @ 14:50
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959449	Test Start :	01/10/2025 @ 13:25
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:38
Location :	1st FL=C-112/DP	Received:	01/14/2025 @ 10:38
Radon Level :	1.3 pCi/L	Analyzed:	01/14/2025 @ 15:22
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959454	Test Start :	01/10/2025 @ 13:25
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:38
Location :	1st FL=C-112/DP	Received:	01/14/2025 @ 10:38
Radon Level :	1.2 pCi/L	Analyzed:	01/14/2025 @ 14:31

Average of Side by Side Canisters 1.3 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4959445	Test Start :	01/10/2025 @ 13:30
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:40
Location :	1st FL=C-114	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 15:40
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4959468	Test Start :	01/10/2025 @ 13:41
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:20
Location :	1st FL=C-133	Received:	01/14/2025 @ 10:38
Radon Level :	2.3 pCi/L	Analyzed:	01/14/2025 @ 16:06

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Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

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14026 Thunderbolt Place
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Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950472	Test Start :	01/10/2025 @ 13:43
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:23
Location :	1st FL=C-130/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 15:53

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950528	Test Start :	01/10/2025 @ 13:43
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:23
Location :	1st FL=C-130/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 15:13

Average of Side by Side Canisters 0.5 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950463	Test Start :	01/10/2025 @ 13:46
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:25
Location :	1st FL=C-126	Received:	01/14/2025 @ 10:38
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 16:43

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950491	Test Start :	01/10/2025 @ 13:55
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 10:59
Location :	1st FL=A-112	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 15:40

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950442	Test Start :	01/10/2025 @ 13:58
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:01
Location :	1st FL=A-116/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 16:17

Error for Measurement is: ± 0.2 pCi/L

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Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
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Individual Canister Results

Canister ID# :	4950509	Test Start :	01/10/2025 @ 13:58
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:01
Location :	1st FL=A-116/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.9 pCi/L	Analyzed:	01/14/2025 @ 16:32

Average of Side by Side Canisters 0.9 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950511	Test Start :	01/10/2025 @ 13:59
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:03
Location :	1st FL=A-118	Received:	01/14/2025 @ 10:38
Radon Level :	2.3 pCi/L	Analyzed:	01/14/2025 @ 15:39

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950479	Test Start :	01/10/2025 @ 14:01
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:08
Location :	1st FL=A-121	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/15/2025 @ 10:06

FOUND MOVED

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950457	Test Start :	01/10/2025 @ 14:03
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:25
Location :	1st FL=A-134	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 16:17

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950426	Test Start :	01/10/2025 @ 14:05
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 11:23
Location :	1st FL=A-131	Received:	01/14/2025 @ 10:38
Radon Level :	1.5 pCi/L	Analyzed:	01/14/2025 @ 16:43

Error for Measurement is: ± 0.2 pCi/L

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NJ MES 11089

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Individual Canister Results

Canister ID# :	4950435	Test Start :	01/10/2025 @ 14:17
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:15
Location :	1st FL=Aux. Gym/DP	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:08

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950534	Test Start :	01/10/2025 @ 14:17
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:15
Location :	1st FL=Aux. Gym/DP	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:40

Average of Side by Side Canisters 1.0 pCi/L

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4949634	Test Start :	01/10/2025 @ 14:21
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:36
Location :	1st FL=Security/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 14:53

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950532	Test Start :	01/10/2025 @ 14:21
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 12:36
Location :	1st FL=Security/DP	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 14:38

Average of Side by Side Canisters 0.7 pCi/L

Error for Measurement is: ± 0.1 pCi/L

Canister ID# :	4950486	Test Start :	01/10/2025 @ 14:25
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:45
Location :	2nd FL=C-200	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 15:04

Error for Measurement is: ± 0.2 pCi/L

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Individual Canister Results

Canister ID# :	4950507	Test Start :	01/10/2025 @ 14:29
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:48
Location :	2nd FL=A-202	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 14:44
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4950492	Test Start :	01/10/2025 @ 14:32
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:50
Location :	2nd FL=A-216	Received:	01/14/2025 @ 10:38
Radon Level :	1.4 pCi/L	Analyzed:	01/14/2025 @ 15:55
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4950464	Test Start :	01/10/2025 @ 14:35
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:53
Location :	2nd FL=Stage	Received:	01/14/2025 @ 10:38
Radon Level :	0.5 pCi/L	Analyzed:	01/14/2025 @ 16:52
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4950451	Test Start :	01/10/2025 @ 14:36
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:53
Location :	2nd FL=Auditorium	Received:	01/14/2025 @ 10:38
Radon Level :	0.7 pCi/L	Analyzed:	01/14/2025 @ 14:31
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4950516	Test Start :	01/10/2025 @ 14:39
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:56
Location :	2nd FL=A-228	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 16:07
Error for Measurement is: ±	0.2 pCi/L		

Canister ID# :	4950450	Test Start :	01/10/2025 @ 14:40
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 13:59
Location :	3rd FL=A-342	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 15:13

FOUND MOSTLY COVERED

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

(914)345-3380
FAX (914)345-8546

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

RTCA RADON TESTING CORPORATION OF AMERICA

PC2501140031

Site Radon Inspection Report

Date : 01/14/2025

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

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-

Individual Canister Results

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950523	Test Start :	01/10/2025 @ 14:42
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 14:01
Location :	3rd FL=A-348	Received:	01/14/2025 @ 10:38
Radon Level :	1.0 pCi/L	Analyzed:	01/14/2025 @ 14:38

FOUND MOSTLY COVERED

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4949783	Test Start :	01/10/2025 @ 14:45
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 14:05
Location :	3rd FL=A-316	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 15:13

Error for Measurement is: ± 0.2 pCi/L

Canister ID# :	4950415	Test Start :	01/10/2025 @ 14:47
Canister Type :	Charcoal Canister 3 inch	Test Stop :	01/13/2025 @ 14:07
Location :	3rd FL=A-308	Received:	01/14/2025 @ 10:38
Radon Level :	0.8 pCi/L	Analyzed:	01/14/2025 @ 15:08

Error for Measurement is: ± 0.2 pCi/L

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NYS ELAP ID: 10806
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Date : 01/14/2025

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ECS MID-ATLANTIC, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151-

Client: George Washington M.S.
Test Location: 1005 Mount Vernon Avenue
Alexandria, VA 22301-
Individual Canister Results

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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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

1/30/2026

Expiration Date

National Radon Safety Board
NRSB
Certified Radon Professionals

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This certificate is the property of The National Radon Safety Board