



**MCPS RADON TESTING – EXECUTIVE SUMMARY**

Site Name	Earle B. Wood Middle School
Date of Test Report	4/6/2022
Round of Testing	Initial Follow-up Post Remediation 2 Year Testing 5 Year Testing HVAC Upgrade Window Replacement New Addition New Facility
# Rooms Tested	108
# Rooms $\geq$ 4.0 pCi/L	0
Lowest Value	<0.3 pCi/L
Highest Value	1.3 pCi/L

Project Status:  
Initial testing completed; no further action needed.



April 6, 2022

Brian T. Croyle, PG, CHMM  
Environmental Specialist  
Montgomery County Public Schools  
Gaithersburg, MD 20879

Re: **Radon Testing Services**  
KCI Job # 122108316

Location: Earle B. Wood MS  
14615 Bauer Dr.  
Rockville, MD 20853

Dear Mr. Croyle:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to Montgomery County Public Schools (MCPS) pursuant to completing a “short-term” 3 day radon test for the Earle B. Wood MS, located at 14615 Bauer Dr. Rockville, MD 20853 (subject site).

**Scope of Services:**

KCI conducted radon testing at the subject site to evaluate indoor radon levels relative to the USEPA's recommended action level of 4.0 picocuries per Liter (pCi/L) - the level at which EPA recommends that schools take action to reduce the level. KCI conducted the radon testing in accordance with American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*. A National Radon Proficiency Program (NRPP) Radon Measurement Specialist (certification #111004 RT) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from <https://www.montgomeryschoolsmd.org> or [www.epa.gov/radon](http://www.epa.gov/radon).

KCI visited the site on February 8, 2022 and deployed one hundred and twenty six (126) activated charcoal (AC) radon test kits. KCI deployed radon test kits in all frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance.

A floor plan map of the building with the test locations is included as Attachment A of this report.

As a quality control measure, KCI also included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted test kits to Bowser-Morner, Inc. as spike samples. The spiked tests were exposed to a known radon concentration by Bowser-Morner prior to being returned to the laboratory for analysis.

KCI returned to the site on February 11, 2022 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Airchek, Inc. for analysis by gamma-ray spectroscopy. Airchek, Inc.

is a NRSB certified analytical laboratory for radon analysis (certification # ARL1402) located at 1936 Butler Bridge Road, Mills River, North Carolina.

**Evaluation of Testing Conditions:**

These tests represent:

- Follow-up to initial testing.

These tests were conducted to:

- Evaluate radon concentration levels at the facility.

According to AARST, *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*, ideal testing conditions would be when the building is fully occupied and the heating system is active. For this test, the facility’s HVAC system was operating in heating mode; therefore, KCI concludes that this test was conducted during ideal testing conditions.

KCI recorded observations of the following conditions in each room during the time of deployment and collection of the radon test kits:

- Indoor temperature,
- HVAC Operation,
- Dehumidifier operation,
- Humidifier operation,
- Ceiling fan operation, and
- Open windows or doors.

KCI also compiled weather data for the testing period and conducted observations of relevant field conditions. During the test period, weather records indicate low temperatures were in the 30s and high temperatures ranged from the mid 30s to the mid 50s Fahrenheit. Maximum sustained winds ranged from 3-12 miles per hour. Average humidity was around 23% with 0.1 inches of precipitation (rain) was recorded during testing period.

**Results:**

The sampling locations and analytical results are listed on Table 1 (Attachment B). The quality control sample locations and analytical results are listed on Table 2 (Attachment B). Sampling locations and associated test kit identification numbers and relevant field observations are listed on Table 3 (Attachment B). The laboratory analytical results are included in Attachment C. Laboratory results and exposure data for the spike samples are also included in Attachment C.

The results of the radon test analysis indicated the following:

<b>Radon Concentration</b>	<b>Room</b>	<b>Result</b>
≥4.0 pCi/L	None	N/A
<4.0 pCi/L	See Attachment B	

Quality Control Samples	
Results of Blank Canisters:	The office blanks, and lab transit blanks had test results of less than the laboratory detection limit of 0.3 pCi/L.
Adequate Laboratory Precision?	Review of the duplicate sample analysis indicates that adequate laboratory measurement precision was achieved.
Spike Sample Analysis:	The Spike Sample analysis results indicate the laboratory is operating within statistical control limits.

Our professional services have been performed in accordance with customary principles and practices in the field of industrial hygiene and engineering. If you have any questions or comments regarding this report, please feel free to contact me at (410) 891-1769.

Sincerely,



Tyler P. McCleaf  
Radon Measurement Provider  
#111004 RT  
KCI Technologies, Inc.

Attachments:     A- Floor Plan with Test Locations  
                      B- Table 1-3, Radon Test Summary Spreadsheets  
                      C- Laboratory Analytical Results

# ATTACHMENT A

## Floor Plan With Test Locations

# ATTACHMENT B

## Radon Test Summary Spreadsheet

**Table Notes:**

AC- Activated Charcoal

ACI- Air Check, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

OC- Quality Control

Table 1- Radon Testing Results		
Earle B. Wood MS		
Test Period: 02/8/2022 - 02/11/2022		
Kit Number	Room / Area	Result
11113734	1	< 0.3
11113743	1	< 0.3
11113744	2	< 0.3
11113724	4	< 0.3
11113745	101	0.9
11113760	102	< 0.3
11113750	103	0.6
11113715	104	< 0.3
11113739	105	< 0.3
11113723	106	0.6
11113746	107	< 0.3
11113753	107	< 0.3
11113761	108	0.5
11113768	108	< 0.3
11113790	202	< 0.3
11113780	204	0.5
11113695	210	< 0.3
11113694	212	0.5
11113658	221	< 0.3
11113680	230	0.9
11113678	231	< 0.3
11113679	231	0.7
11113677	232	1.0
11113676	233	< 0.3
11113674	234	< 0.3
11113672	236	0.7
11113671	237	< 0.3
11113667	238	< 0.3
11113668	238	0.8
11113669	239	0.7
11113670	239	0.5
11113666	241	0.7
11113665	242	0.5
11113664	245	1.3
11113698	251	< 0.3
11113697	252	< 0.3
11113696	253	< 0.3
11113693	254	< 0.3
11113692	255	0.5
11113691	256	< 0.3
11113688	257	< 0.3
11113690	257	< 0.3



Table 1- Radon Testing Results		
Earle B. Wood MS		
Test Period: 02/8/2022 - 02/11/2022		
Kit Number	Room / Area	Result
11113686	258	< 0.3
11113687	258	< 0.3
11113685	259	0.6
11113689	260	< 0.3
11113684	261	0.7
11113683	263	< 0.3
11113682	265	1.1
11113648	270	< 0.3
11113649	270	< 0.3
11113645	271	0.6
11113652	272	0.5
11113646	273	< 0.3
11113647	273	< 0.3
11113659	274	< 0.3
11113651	275	0.5
11113663	276	0.7
11113650	277	< 0.3
11113776	280	< 0.3
11113773	281	< 0.3
11113747	282	< 0.3
11113769	284	< 0.3
11113766	286	< 0.3
11113762	287	0.9
11113763	288	< 0.3
11113751	290	< 0.3
11113757	292	0.8
11113758	294	< 0.3
11113767	296	1.2
11113784	302	< 0.3
11113788	302	< 0.3
11113755	304	< 0.3
11113764	304	< 0.3
11113793	306	< 0.3
11113794	307	< 0.3
11113795	307	< 0.3
11113673	200000	0.5
11113752	100A	0.5
11113754	100B	< 0.3
11113759	100B	< 0.3
11113742	104A	< 0.3
11113675	232A	0.8
11113681	232B	0.6

Table 1- Radon Testing Results		
Earle B. Wood MS		
Test Period: 02/8/2022 - 02/11/2022		
Kit Number	Room / Area	Result
11113640	271A	< 0.3
11113656	277A	< 0.3
11113657	277B	< 0.3
11113660	277B	< 0.3
11113655	277D	< 0.3
11113654	277E	< 0.3
11113653	277F	< 0.3
11113661	279A	0.5
11113662	279B	0.6
11113748	283A	< 0.3
11113756	283A	0.6
11113770	283B	< 0.3
11113797	301 MAIN OFFICE	0.8
11113765	301A	0.9
11113800	301B	< 0.3
11113796	301C	< 0.3
11113799	301D	0.8
11113792	301E	< 0.3
11113798	301E	< 0.3
11113749	301F	< 0.3
11113791	301K	< 0.3
11113782	302B	< 0.3
11113783	302B	< 0.3
11113771	302C	< 0.3
11113781	302C	< 0.3
11113779	305 A	< 0.3
11113774	305 B	< 0.3
11113789	305 COUNSEL OFFICE MAIN	< 0.3
11113786	305 F	0.6
11113785	305 MEETING ROOM	< 0.3
11113772	305B	0.5
11113777	305C	0.6
11113787	305C	< 0.3
11113639	311 BUILDING SERVICE OFFICE	< 0.3
11113741	3B	0.7
11113707	5B	< 0.3
11113740	BOYS LOCKER ROOM	0.7
11113700	CAFETERIA OFFICE	0.5
11113699	CAFETERIA OFFICE	< 0.3
11113708	GIRLS LOCKER ROOM	< 0.3
11113775	MAIN GYM	0.6
11113778	MAIN GYM	< 0.3

Table 2- Radon Testing Results			
Earle B. Wood MS			
Test Period: 02/8/2022 - 02/11/2022			
Kit Number	QC Type	Room / Area	Result
11113759	D	100B	< 0.3
11113753	D	107	< 0.3
11113768	FB	108	< 0.3
11113756	D	283A	0.6
11113771	D	302C	< 0.3
11113783	FB	302B	< 0.3
11113792	D	301E	< 0.3
11113774	D	305B	< 0.3
11113787	FB	305C	< 0.3
11113699	D	Cafeteria office	< 0.3
11113688	D	257	< 0.3
11113686	FB	258	< 0.3
11113678	D	231	< 0.3
11113669	D	239	0.7
11113667	FB	238	< 0.3
11113660	D	277b	< 0.3
11113648	D	270	< 0.3
11113647	FB	273	< 0.3
11113478	OB	OFFICE BLANK	< 0.3
11113477	TB	TRAVEL BLANK	< 0.3



# ATTACHMENT C

## Laboratory Analytical Results

Radon test result report for:  
**EARLE B WOOD MS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11113743	1	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113734	1	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113752	100A	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	0.5 ± 0.3	2022-02-14
11113759	100B	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113754	100B	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113745	101	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	0.9 ± 0.3	2022-02-14
11113760	102	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113750	103	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	0.6 ± 0.3	2022-02-14
11113715	104	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113742	104A	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113739	105	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113723	106	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	0.6 ± 0.3	2022-02-14
11113746	107	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113753	107	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113768	108	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113761	108	2022-02-08 @ 9:00 am	2022-02-11 @ 10:00 am	0.5 ± 0.3	2022-02-14
11113744	2	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113790	202	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113780	204	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	0.5 ± 0.3	2022-02-14
11113695	210	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113694	212	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.5 ± 0.3	2022-02-14
11113658	221	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113680	230	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.9 ± 0.3	2022-02-14
11113678	231	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113679	231	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.7 ± 0.3	2022-02-14
11113677	232	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	1.0 ± 0.3	2022-02-14
11113675	232A	2022-02-08 @ 11:00 am	2022-02-11 @ 10:00 am	0.8 ± 0.3	2022-02-14
11113681	232B	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.6 ± 0.3	2022-02-14
11113676	233	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113674	234	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113672	236	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.7 ± 0.3	2022-02-14
11113671	237	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113667	238	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113668	238	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	0.8 ± 0.3	2022-02-14
11113669	239	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.7 ± 0.3	2022-02-14
11113670	239	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.5 ± 0.3	2022-02-14
11113666	241	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	0.7 ± 0.3	2022-02-14

Radon test result report for:  
**EARLE B WOOD MS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11113665	242	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	0.5 ± 0.3	2022-02-14
11113664	245	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	1.3 ± 0.3	2022-02-14
11113698	251	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113697	252	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113696	253	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113693	254	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113692	255	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.5 ± 0.3	2022-02-14
11113691	256	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113688	257	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113690	257	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113687	258	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113686	258	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113685	259	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.6 ± 0.3	2022-02-14
11113689	260	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113684	261	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.7 ± 0.3	2022-02-14
11113683	263	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113682	265	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	1.1 ± 0.3	2022-02-14
11113649	270	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113648	270	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113645	271	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	0.6 ± 0.3	2022-02-14
11113640	271A	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113652	272	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	0.5 ± 0.3	2022-02-14
11113646	273	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113647	273	2022-02-08 @ 12:00 pm	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113659	274	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113651	275	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	0.5 ± 0.3	2022-02-14
11113663	276	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	0.7 ± 0.3	2022-02-14
11113650	277	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113656	277A	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113660	277B	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113657	277B	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113655	277D	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113654	277E	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113653	277F	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113661	279A	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	0.5 ± 0.3	2022-02-14
11113662	279B	2022-02-08 @ 12:00 pm	2022-02-11 @ 10:00 am	0.6 ± 0.3	2022-02-14
11113776	280	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14

Radon test result report for:  
**EARLE B WOOD MS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11113773	281	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113747	282	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113756	283A	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	0.6 ± 0.3	2022-02-14
11113748	283A	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113770	283B	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113769	284	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113766	286	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113762	287	2022-02-08 @ 9:00 am	2022-02-11 @ 9:00 am	0.9 ± 0.3	2022-02-14
11113763	288	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113751	290	2022-02-08 @ 9:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113757	292	2022-02-08 @ 9:00 am	2022-02-11 @ 9:00 am	0.8 ± 0.3	2022-02-14
11113758	294	2022-02-08 @ 9:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113767	296	2022-02-08 @ 9:00 am	2022-02-11 @ 9:00 am	1.2 ± 0.3	2022-02-14
11113673	2E5	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.5 ± 0.3	2022-02-14
11113797	301 MAIN OFFICE	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	0.8 ± 0.3	2022-02-14
11113765	301A	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	0.9 ± 0.3	2022-02-14
11113800	301B	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113796	301C	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113799	301D	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	0.8 ± 0.3	2022-02-14
11113798	301E	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113792	301E	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113749	301F	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113791	301K	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113784	302	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113788	302	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113782	302B	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113771	302C	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113781	302C	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113764	304	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113755	304	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113779	305 A	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113774	305 B	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113789	305 COUNSEL OFFICE MAIN	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113786	305 F	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	0.6 ± 0.3	2022-02-14
11113785	305 MEETING ROOM	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113772	305B	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	0.5 ± 0.3	2022-02-14
11113787	305C	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14



Radon test result report for:  
**EARLE B WOOD MS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11113777	305C	2022-02-08 @ 10:00 am	2022-02-11 @ 9:00 am	0.6 ± 0.3	2022-02-14
11113793	306	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113795	307	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113794	307	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113639	311 BUILDING SERVICE OFFICE	2022-02-08 @ 1:00 pm	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113741	3B	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	0.7 ± 0.3	2022-02-14
11113724	4	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113707	5B	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113740	BOYS LOCKER ROOM	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	0.7 ± 0.3	2022-02-14
11113700	CAFETERIA OFFICE	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	0.5 ± 0.3	2022-02-14
11113699	CAFETERIAOFFICE	2022-02-08 @ 11:00 am	2022-02-11 @ 9:00 am	< 0.3	2022-02-14
11113708	GIRLS LOCKER ROOM	2022-02-08 @ 8:00 am	2022-02-11 @ 10:00 am	< 0.3	2022-02-14
11113778	MAIN GYM	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	< 0.3	2022-02-14
11113775	MAIN GYM	2022-02-08 @ 10:00 am	2022-02-11 @ 8:00 am	0.6 ± 0.3	2022-02-14

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February 15, 2022

**\*\* LABORATORY ANALYSIS REPORT \*\***

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Radon test result report for:  
**EARLE B. WOOD MS**  
**MAIN**

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<b>Kit #</b>	<b>Room Id</b>	<b>Started</b>	<b>Ended</b>	<b>pCi/L</b>	<b>Analyzed</b>
11113783	302B	2022-02-08 @ 9:00 am	2022-02-11 @ 12:00 pm	< 0.3	2022-02-14

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

**EXPOSURE IN BOWSER-MORNER RADON CHAMBER**

CLIENT KCI Technologies, Inc. Job Number 204186

NOMINAL Conditions: Radon Conc 25.8 pCi/L Rel. Hum 50.1 % Temp. 70.9 F

Date Start: 2/18/22 Date Stop: 2/21/22 Date Start: \_\_\_\_\_ Date Stop: \_\_\_\_\_

Time Start: 0911 Time Stop: 0911 Time Start: \_\_\_\_\_ Time Stop: \_\_\_\_\_

Device No.'s: (3) Char Bags -  
11113484, 1112998, 20107126 Device No.'s: \_\_\_\_\_

23 Right

Date Start: \_\_\_\_\_ Date Stop: \_\_\_\_\_ Date Start: \_\_\_\_\_ Date Stop: \_\_\_\_\_

Time Start: \_\_\_\_\_ Time Stop: \_\_\_\_\_ Time Start: \_\_\_\_\_ Time Stop: \_\_\_\_\_

Device No.'s: \_\_\_\_\_ Device No.'s: \_\_\_\_\_

Date Start: \_\_\_\_\_ Date Stop: \_\_\_\_\_ Date Start: \_\_\_\_\_ Date Stop: \_\_\_\_\_

Time Start: \_\_\_\_\_ Time Stop: \_\_\_\_\_ Time Start: \_\_\_\_\_ Time Stop: \_\_\_\_\_

Device No.'s: \_\_\_\_\_ Device No.'s: \_\_\_\_\_

**Note: All times are in 24-hour (military) notation, Eastern Standard Time (EST)  
Background = 7 µR/h Elevation = 820 ft**

MCPS - Spike Sample Lab Results. Measured values are satisfactory, i.e., within  $\pm 25\%$  of the chamber's reference value (25.7 pCi/L).

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Kit Number	Start Date	Start Time	End Date	End Time	Temp.	Facility	Building	Room	Project ID	Floor	Result
11113484	2022-02-18	9:00 am	2022-02-21	9:00 am	71	OFFICE	MAIN	SK1		1	27.9
11122998	2022-02-18	9:00 am	2022-02-21	9:00 am	71	OFFICE	MAIN	SK2		1	26.0
20107126	2022-02-18	9:00 am	2022-02-21	9:00 am	71	OFFICE	MAIN	SK3		1	27.6

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## Radon Test Kit Chain of Custody

Project Name: MCPS Radon – February 2022 Schools

Name of Schools:

1. Earle. B Wood MS
2. Flower Valley ES
3. Parkland MS
4. Herbert Hoover MS
5. Ritchie Park ES
6. Wayside ES
7. Potomac ES
8. Redland MS
9. Sequoyah ES
10. Sherwood ES
11. Rock Terrace School

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	Date	Initials
Radon Test Kits Deployed	02/08/2022	PM
Radon Test Kits Collected	02/11/2022	PM
Radon Test Kits Shipped to Lab*	02/11/2022	PM
Radon Test Kits Received by Lab*	02/15/2022	PM

\*All samples sent to Air Check, Inc., 1936 Butler Bridge Rd, Mills River, NC 28759