



**MCPS RADON TESTING – EXECUTIVE SUMMARY**

Site Name	Rockville High School
Date of Test Report	05/12/2022
Round of Testing	<p>Initial</p> <p><u>Follow-up</u></p> <p>Post Remediation</p> <p>2 Year Testing</p> <p>5 Year Testing</p> <p>HVAC Upgrade</p> <p>Window Replacement</p> <p>New Addition</p> <p>New Facility</p>
# Rooms Tested	1
# Rooms ≥ 4.0 pCi/L	0
Lowest Value	<0.3 pCi/L
Highest Value	<0.3 pCi/L

**Project Status**

Current Project Status at this time: Testing completed; no further action needed



May 12, 2022

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

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

Location: Rockville High School  
2100 Baltimore Rd.  
Rockville, MD 20851

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 Rockville High School, located at 2100 Baltimore Rd. Rockville, MD 20851 (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 March 22, 2022 and deployed three (3) 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.

KCI sampled the following locations during this follow-up test:

1. Rooms with missing test kits from the Radon 2022 testing period (i.e. test kit was deployed but not recovered),
2. Rooms with invalidated test kits from the Radon 2022 testing period (e.g. an open window in the room or disturbed test kit),
3. Rooms which were locked/inaccessible during the Radon 2022 testing period,
4. Rooms with elevated radon results (i.e.  $\geq 3.5$  pCi/L),
5. Rooms previously tested for radon but not tested in Radon 2022, and
6. Additional rooms that require testing (if applicable.)

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 March 25, 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 concentrations 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 low 40°Fs and high temperatures ranged from the low 50°Fs to the low 70°Fs. Maximum sustained winds ranged from 0-29 miles per hour. Average humidity was around 56% with 0.51 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:

Radon Concentration	Room	Result
≥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		
Rockville HS RT		
Test Period: 03/22/2022 - 03/25/2022		
Kit Number	Room / Area	Result
11131719	1001	< 0.3
11131720	1001	< 0.3
11131754	1001	< 0.3



Table 2- Radon Testing Results			
Rockville HS RT			
Test Period: 03/22/2022 - 03/25/2022			
Kit Number	QC Type	Room / Area	Result
11131754	D	1001	< 0.3
11131719	FB	1001	< 0.3
11139902	OB	OFFICE BLANK	< 0.3
11139928	TB	TRAVEL BLANK	< 0.3



# ATTACHMENT C

## Laboratory Analytical Results

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March 28, 2022

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

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Radon test result report for:  
**ROCKVILLE HS**

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<b>Kit #</b>	<b>Room Id</b>	<b>Started</b>	<b>Ended</b>	<b>pCi/L</b>	<b>Analyzed</b>
11131754	1001	2022-03-22 @ 1:00 pm	2022-03-25 @ 12:00 pm	< 0.3	2022-03-28
11131720	1001	2022-03-22 @ 1:00 pm	2022-03-25 @ 12:00 pm	< 0.3	2022-03-28
11131719	1001	2022-03-22 @ 1:00 pm	2022-03-25 @ 12:00 pm	< 0.3	2022-03-28

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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 204620

NOMINAL Conditions: Radon Conc 27.0 pCi/L Rel. Hum 50.1 % Temp. 70.0 F

Date Start: 3/18/22 Date Stop: 3/21/22 Date Start: \_\_\_\_\_ Date Stop: \_\_\_\_\_

Time Start: 0705 Time Stop: 0705 Time Start: \_\_\_\_\_ Time Stop: \_\_\_\_\_

Device No.'s: (5) Char Bags - Device No.'s: \_\_\_\_\_

11139367, 11139368, 11139371, \_\_\_\_\_

11139710, 11139717 \_\_\_\_\_

E3 light

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  $\mu$ R/h Elevation = 820 ft

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March 30, 2022

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

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Radon test result report for:

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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<b>Kit #</b>	<b>Room Id</b>	<b>Started</b>	<b>Ended</b>	<b>pCi/L</b>	<b>Analyzed</b>
11139367	SK1	2022-03-18 @ 7:00 am	2022-03-21 @ 7:00 am	25.9 $\pm$ 2.1	2022-03-30
11139368	SK2	2022-03-18 @ 7:00 am	2022-03-21 @ 7:00 am	23.9 $\pm$ 2.0	2022-03-30
11139371	SK3	2022-03-18 @ 7:00 am	2022-03-21 @ 7:00 am	25.7 $\pm$ 2.1	2022-03-30
11139710	SK4	2022-03-18 @ 7:00 am	2022-03-21 @ 7:00 am	26.4 $\pm$ 2.1	2022-03-30
11139717	SK5	2022-03-18 @ 7:00 am	2022-03-21 @ 7:00 am	24.6 $\pm$ 2.0	2022-03-30

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## Radon Test Kit Chain of Custody

Project Name: MCPS Radon – March 2022 Schools – Retesting

Name of Schools:

1. Herbert Hoover MS
2. Parkland MS
3. Redland MS
4. Rock Creek Valley ES
5. Tilden MS
6. Rockville HS
7. Wootton HS
8. Capt. James E. Daly ES
9. Clarksburg HS
10. Clearspring ES
11. Hallie Wells MS
12. Northwest HS
13. Paint Branch HS
14. Rocky Hills MS
15. Seneca Valley HS
16. Sherwood HS
17. Wilson Wims ES

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	Date	Initials
Radon Test Kits Deployed	03/22/2022	BMM
Radon Test Kits Collected	03/25/2022	BMM
Radon Test Kits Shipped to Lab*	03/25/2022	BMM
Radon Test Kits Received by Lab*	03/28/2022	BMM

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



**MCPS RADON TESTING – EXECUTIVE SUMMARY**

Site Name	Rockville High 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	117
# Rooms $\geq$ 4.0 pCi/L	0
Lowest Value	<0.3 pCi/L
Highest Value	1.1 pCi/L

Project Status:

Initial testing completed; Missing or compromised kits need re-sampling.





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: Rockville HS  
2100 Baltimore Rd.  
Rockville, MD 20851

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 Rockville HS, located at 2100 Baltimore Rd. Rockville, MD 20851 (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 7, 2022 and deployed one hundred and thirty five (135) 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 10, 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:

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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
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<b>Quality Control Samples</b>	
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.
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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		
Rockville HS		
Test Period: 02/7/2022 - 02/10/2022		
Kit Number	Room / Area	Result
11113403	1000	< 0.3
11113401	1001	< 0.3
11113402	1001	NA
11105831	1002	< 0.3
11113438	1003	< 0.3
11113437	1005	0.5
11113423	1011	0.6
11113435	1012	0.6
11113421	1013	< 0.3
11113422	1013	< 0.3
11113420	1015	< 0.3
11113419	1017	0.8
11113418	1019	< 0.3
11113436	1020	0.7
11113417	1021	0.6
11113431	1022	0.6
11113432	1022	< 0.3
11113433	1022	< 0.3
11113416	1023	< 0.3
11113430	1024	< 0.3
11113415	1025	0.8
11113414	1027	0.7
11113434	1029	< 0.3
11113429	1030	< 0.3
11113428	1032	< 0.3
11113409	1033	0.7
11113408	1035	0.8
11113427	1036	0.6
11113407	1037	0.6
11113426	1038	0.5
11113406	1039	0.8
11113455	1049	0.5
11113469	1050	< 0.3
11105897	1054	0.6
11105899	1054	< 0.3
11105891	1057	< 0.3
11105892	1057	0.7
11105893	1057	< 0.3
11105894	1059	< 0.3
11105895	1060	< 0.3
11105844	1062	1.1
11113456	1067	0.8

Table 1- Radon Testing Results		
Rockville HS		
Test Period: 02/7/2022 - 02/10/2022		
Kit Number	Room / Area	Result
11105845	1069	0.5
11105846	1070	0.8
11105848	1071	0.6
11105849	1073	0.7
11105850	1075	< 0.3
11105852	1076	< 0.3
11105853	1076	0.6
11105854	1076	0.8
11105851	1077	< 0.3
11105858	1080	< 0.3
11105863	1081	< 0.3
11105859	1083	< 0.3
11105862	1083	< 0.3
11105867	1084	< 0.3
11105873	1084	< 0.3
11105871	1087	0.6
11105872	1087	0.6
11105875	1089	< 0.3
11105876	1091	0.6
11105877	1093	0.5
11105878	1095	0.9
11105889	1097	0.7
11105890	1097	0.6
11105882	1101	< 0.3
11105880	1103	0.7
11105881	1103	< 0.3
11105883	1105	0.7
11105887	1107	0.9
11105888	1109	0.7
11113466	2010	< 0.3
11113465	2014	< 0.3
11113462	2017	< 0.3
11113463	2017	< 0.3
11113464	2017	< 0.3
11113467	2067	0.5
11113461	2071	< 0.3
11113460	2091	0.8
11113459	2099	< 0.3
11113457	2114	< 0.3
11113458	2115	< 0.3
11113468	3039	< 0.3
11113405	1000B	< 0.3



Table 1- Radon Testing Results		
Rockville HS		
Test Period: 02/7/2022 - 02/10/2022		
Kit Number	Room / Area	Result
11113404	1000C	< 0.3
11105832	1002A	< 0.3
11105833	1002B	< 0.3
11105834	1002C	< 0.3
11105835	1002D	< 0.3
11105836	1002D	< 0.3
11105837	1002F	< 0.3
11105838	1002G	0.5
11105839	1002H	< 0.3
11105840	1002I	< 0.3
11105841	1002I	< 0.3
11105842	1002J	< 0.3
11105843	1002K	< 0.3
11113439	1003A	< 0.3
11113440	1003C	< 0.3
11113441	1003D	0.6
11113443	1003D	< 0.3
11113442	1003F	< 0.3
11113444	1003F	< 0.3
11113445	1003I	< 0.3
11113446	1003J	< 0.3
11113448	1003J	< 0.3
11113449	1003L	< 0.3
11113450	1003M	0.6
11113451	1003N	< 0.3
11113452	1003O	< 0.3
11113453	1003O	< 0.3
11113454	1003O	< 0.3
11113425	1011A	0.8
11113424	1013A	< 0.3
11113411	1031B	0.6
11113412	1031B	< 0.3
11113413	1031B	< 0.3
11113410	1031C	0.6
11105898	1053A	< 0.3
11105900	1053B	0.6
11105896	1055B	< 0.3
11105847	1070A	< 0.3
11105860	1083A	< 0.3
11105861	1083B	< 0.3
11105865	1083C	0.6
11105866	1083F	< 0.3

Table 1- Radon Testing Results		
Rockville HS		
Test Period: 02/7/2022 - 02/10/2022		
Kit Number	Room / Area	Result
11105868	1084D	0.6
11105869	1084E	< 0.3
11105870	1084F	< 0.3
11105874	1087 DARK ROOM	< 0.3
11105879	1095 OFFICE	1.1
11105885	1101B	0.6
11105886	1101C	0.6
11105855	AUDITORIUM	< 0.3
11105857	AUDITORIUM	0.8

Table 2- Radon Testing Results			
Rockville HS			
Test Period: 02/7/2022 - 02/10/2022			
Kit Number	QC Type	Room / Area	Result
11105841	D	1002I	< 0.3
11105851	D	1075	< 0.3
11105852	FB	1076	< 0.3
11105862	D	1083	< 0.3
11105872	D	1087	0.6
11105873	FB	1087	< 0.3
11105881	D	1103	< 0.3
11105892	D	1057	0.7
11105893	FB	1057	< 0.3
11113402	D	1001	NA
11113412	D	1031B	< 0.3
11113413	FB	1031B	< 0.3
11113422	D	1013	< 0.3
11113433	D	1022	< 0.3
11113432	FB	1022	< 0.3
11113443	D	1003D	< 0.3
11113454	D	1003O	< 0.3
11113453	FB	1003O	< 0.3
11113464	D	2017	< 0.3
11113481	OB	OFFICE BLANK	< 0.3
11113483	TB	TRAVEL BLANK	< 0.3



# ATTACHMENT C

## Laboratory Analytical Results

Radon test result report for:  
**ROCKVILLE HS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11113403	1000	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113405	1000B	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113404	1000C	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113401	1001	2022-02-07 @ 2:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11113402	1001	2022-02-07 @ 2:00 pm	2022-02-10 @ 2:00 pm	???? IF1	2022-02-14
11105831	1002	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-15
11105832	1002A	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-15
11105833	1002B	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-15
11105834	1002C	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-15
11105836	1002D	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11105835	1002D	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-15
11105837	1002F	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11105838	1002G	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	0.5 ± 0.3	2022-02-14
11105839	1002H	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11105841	1002I	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11105840	1002I	2022-02-07 @ 11:00 am	2022-02-10 @ 4:00 pm	< 0.3	2022-02-15
11105842	1002J	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11105843	1002K	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	< 0.3	2022-02-15
11113438	1003	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113439	1003A	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113440	1003C	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113441	1003D	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	0.6 ± 0.4	2022-02-14
11113443	1003D	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113442	1003F	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113444	1003F	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113445	1003I	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113448	1003J	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113449	1003L	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113450	1003M	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	0.6 ± 0.3	2022-02-15
11113452	1003O	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113453	1003O	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113454	1003O	2022-02-07 @ 3:00 pm	2022-02-10 @ 1:00 pm	< 0.3	2022-02-14
11113437	1005	2022-02-07 @ 3:00 pm	2022-02-10 @ 3:00 pm	0.5 ± 0.3	2022-02-14
11113423	1011	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113425	1011A	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.8 ± 0.3	2022-02-14
11113435	1012	2022-02-07 @ 3:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113422	1013	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14

Radon test result report for:  
**ROCKVILLE HS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11113421	1013	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113424	1013A	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113420	1015	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113419	1017	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.8 ± 0.3	2022-02-14
11113418	1019	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113436	1020	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.7 ± 0.3	2022-02-14
11113417	1021	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113431	1022	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113432	1022	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113433	1022	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113416	1023	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113430	1024	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113415	1025	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.8 ± 0.3	2022-02-14
11113434	1029	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113429	1030	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113411	1031B	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113412	1031B	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113413	1031B	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113410	1031C	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113428	1032	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113409	1033	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.7 ± 0.3	2022-02-14
11113408	1035	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.8 ± 0.3	2022-02-14
11113427	1036	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113407	1037	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.6 ± 0.3	2022-02-14
11113426	1038	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.5 ± 0.3	2022-02-14
11113406	1039	2022-02-07 @ 2:00 pm	2022-02-10 @ 3:00 pm	0.8 ± 0.3	2022-02-14
11113455	1049	2022-02-07 @ 3:00 pm	2022-02-10 @ 4:00 pm	0.5 ± 0.3	2022-02-14
11113469	1050	2022-02-07 @ 4:00 pm	2022-02-10 @ 4:00 pm	< 0.3	2022-02-14
11105898	1053A	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105900	1053B	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-14
11105899	1054	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105897	1054	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-14
11105896	1055B	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105891	1057	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105893	1057	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105892	1057	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	0.7 ± 0.3	2022-02-14
11105894	1059	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14

Radon test result report for:  
**ROCKVILLE HS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11105895	1060	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105844	1062	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	1.1 ± 0.4	2022-02-14
11113456	1067	2022-02-07 @ 3:00 pm	2022-02-10 @ 4:00 pm	0.8 ± 0.3	2022-02-14
11105845	1069	2022-02-07 @ 11:00 am	2022-02-10 @ 1:00 pm	0.5 ± 0.3	2022-02-14
11105846	1070	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	0.8 ± 0.3	2022-02-14
11105847	1070A	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105848	1071	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-15
11105849	1073	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	0.7 ± 0.3	2022-02-14
11105850	1075	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105854	1076	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	0.8 ± 0.3	2022-02-14
11105853	1076	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-15
11105852	1076	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	< 0.3	2022-02-15
11105858	1080	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105863	1081	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105862	1083	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-15
11105859	1083	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-15
11105860	1083A	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105861	1083B	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105865	1083C	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-14
11105866	1083F	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-15
11105873	1084	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105867	1084	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105868	1084D	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-14
11105869	1084E	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105870	1084F	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105871	1087	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-14
11105872	1087	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-15
11105874	1087 DARK ROOM	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105875	1089	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105876	1091	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-14
11105877	1093	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.5 ± 0.3	2022-02-14
11105878	1095	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.9 ± 0.3	2022-02-14
11105879	1095 OFFICE	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	1.1 ± 0.3	2022-02-14
11105890	1097	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-14
11105889	1097	2022-02-07 @ 1:00 pm	2022-02-10 @ 2:00 pm	0.7 ± 0.3	2022-02-15
11105882	1101	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105885	1101B	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.4	2022-02-15



Radon test result report for:  
**ROCKVILLE HS**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11105886	1101C	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.6 ± 0.3	2022-02-15
11105880	1103	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.7 ± 0.3	2022-02-14
11105881	1103	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105883	1105	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.7 ± 0.3	2022-02-14
11105887	1107	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.9 ± 0.3	2022-02-14
11105888	1109	2022-02-07 @ 12:00 pm	2022-02-10 @ 2:00 pm	0.7 ± 0.3	2022-02-14
11113466	2010	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113465	2014	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113463	2017	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113462	2017	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113464	2017	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113467	2067	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	0.5 ± 0.4	2022-02-15
11113461	2071	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-15
11113460	2091	2022-02-07 @ 3:00 pm	2022-02-10 @ 3:00 pm	0.8 ± 0.3	2022-02-14
11113459	2099	2022-02-07 @ 3:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113457	2114	2022-02-07 @ 3:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113458	2115	2022-02-07 @ 3:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11113468	3039	2022-02-07 @ 4:00 pm	2022-02-10 @ 3:00 pm	< 0.3	2022-02-14
11105855	AUDITORIUM	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11105857	AUDITORIUM	2022-02-07 @ 11:00 am	2022-02-10 @ 2:00 pm	0.8 ± 0.3	2022-02-15

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February 15, 2022

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

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Radon test result report for:

**ROCKVILLE HS  
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>
11113446	1003J	2022-02-07 @ 9:00 am	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11113451	1003N	2022-02-07 @ 9:00 am	2022-02-10 @ 2:00 pm	< 0.3	2022-02-14
11113414	1027	2022-02-07 @ 10:00 am	2022-02-10 @ 3:00 pm	0.7 ± 0.3	2022-02-14
11105851	1077	2022-02-07 @ 9:00 am	2022-02-10 @ 2:00 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. Lincoln Center
2. Wootton HS
3. Rockville HS
4. Richard Montgomery HS
5. Rocking Horse Rd. Center
6. Blair G. Ewing Center
7. Twinbrook ES
8. Rock Creek Valley ES
9. Luxmanor ES
10. Tilden MS

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	Date	Initials
Radon Test Kits Deployed	02/07/2022	
Radon Test Kits Collected	02/10/2022	
Radon Test Kits Shipped to Lab*	02/10/2022	
Radon Test Kits Received by Lab*	02/14/2022	

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

# RADON SCREENING SURVEY – FOLLOW-UP ROCKVILLE HIGH SCHOOL

2100 Baltimore Road, Rockville Maryland 20851

## EXECUTIVE SUMMARY

Date of Test Report:	4/6/16 Follow-Up
Round of Testing:	Initial <b>Follow-up</b> Post Remediation
# Rooms Tested	4
# Rooms $\geq$ 4.0 pCi/L:	0
Low Value:	<0.4
High Value:	0.5
Confirmed Rooms $\geq$ 4.0 pCi/L US EPA Action Level	0

### Summary of Sampling Events $\geq$ 4.0 pCi/L

Room	Result (pCi/L) 2/10/16 Initial	Result (pCi/L) 4/6/16 Follow-Up	Average Result (pCi/L)
1003L	0.8 Tampered	0.4	0.6
1080	--- Missing	0.5	0.5
2067	---Damaged	<0.4	<0.4
3009	---Damaged	0.4	0.4



### MCPS RADON TESTING

#### Executive Summary: Rockville High School

Date of Test Report:	4/6/2016
Round of Testing:	Initial Follow-up Post Remediation
# Rooms Tested:	4
# Rooms $\geq$ 4.0 pCi/L:	0
Low Value:	< 0.4
High Value:	0.5

#### Project Status:

Retesting completed; no further action at this time.



April 6, 2016

Mr. Richard Cox  
Indoor Air Quality Team Leader  
Montgomery County Public Schools  
850 Hungerford Drive  
Rockville, MD 20850

Re: **Radon Testing Services**  
KCI Job # 12146341.31

Location: Rockville High School  
2100 Baltimore Road  
Rockville, MD 20851

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) pursuant to completing a “short-term” 3 day radon test for the Rockville High School, located at 2100 Baltimore Road in Rockville, Maryland 20851 (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 Safety Board (NRSB) Radon Measurement Specialist (certification #14SS056) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from [www.montgomerycountymd.gov/dep/air/radon](http://www.montgomerycountymd.gov/dep/air/radon) or [www.epa.gov/radon](http://www.epa.gov/radon).

KCI visited the site on March 21, 2016 and deployed five (5) activated charcoal (AC) radon test kits. KCI deployed radon test kits in 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 included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted six (6) test kits to TCS Industries Inc. as spike samples. The spiked tests were exposed to a known radon concentration by TCS prior to being returned to the laboratory for analysis.

KCI returned to the site on March 24, 2016 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to AccuStar Labs for analysis by gamma-ray spectroscopy. Accustar Labs is a NRSB certified analytical laboratory for radon analysis (certification # ARL0007) located at 929 Mount



Zion Road, Lebanon, Pennsylvania.

**Evaluation of Testing Conditions:**

The operating condition that represents the greatest amount of significantly occupied time for this building is; heating active, with outdoor temperature averages  $\leq 65^{\circ}$  F.

KCI concludes that the test period reasonably represents normal conditions when the building is significantly occupied. Clear characterization of the radon hazard is most likely to be observed under this normal operating condition. Based on the evaluation of test conditions, this test should reasonably characterize radon hazards.

KCI also conducted observations of field conditions which could affect the results of the test and compiled weather data for the testing period. KCI recorded observations of the following conditions in each room at 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.

**Results:**

The results of the radon test analysis indicated the following:

<b>Radon Concentration</b>	<b>Room</b>	<b>Result</b>
$\geq 4.0$ pCi/L	none	n/a
$< 4.0$ pCi/L	See Attachment B	

Notes:  
D- Duplicate sample

The office blank and lab transit blanks had test results of less than the laboratory detection limit of 0.4 pCi/L. Review of the duplicate sample analysis indicates that adequate laboratory measurement precision was achieved. The Spike sample analysis results indicate the laboratory is operating within statistical control limits.

The sampling locations, field observations, and analytical results are listed on Table 1 (Attachment B). The laboratory analytical results are also attached (Attachment C). Laboratory results and exposure data for the spike samples are also included in Attachment C.

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) 316-7800.

Sincerely,



James M. Mouldale  
Radon Measurement Specialist  
KCI Technologies, Inc.

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

# ATTACHMENT A

## Floor Plan With Test Locations

# ATTACHMENT B

## Radon Test Summary Spreadsheet

**Table Notes:**

AC- Activated Charcoal

ACI- Air Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank\*

PM- Project Manager

QC- Quality Control

\*Office blanks were submitted at a rate of 1% for all samples deployed in Phase 11 testing. Office blanks were not submitted under each school individually.

<b>Radon Testing Results</b>		
<b>Rockville High School</b>		
<b>Test Period: 03/21/16-03/24/16</b>		
<b>Kit Number</b>	<b>Room / Area</b>	<b>Result</b>
3029124	1080	<0.4
3029122	2067	<0.4
3029130	3009	0.4
3029259	1003L	0.4

Table Note:

\* Missing or Compromised Sample

<b>Radon Testing Results</b>		
<b>Rockville High School</b>		
<b>Test Period: 03/21/16-03/24/16</b>		
<b>Kit Number</b>	<b>QC Type</b>	<b>Result</b>
3029123	D (1080)	0.5

Table Note:

\* Missing or Compromised Sample

# ATTACHMENT C

## Laboratory Analytical Results



NRPP 10511AL  
NRSB ARL0007

EPA Method #402-R-92-004  
Charcoal Canister  
NRPP Device Code 6048  
NRSB Device Code 10317

Laboratory Report for:

Property Tested: Project # 12146341

KCI Technologies  
936 Ridgebrook Rd  
Sparks MD 21152

Rockville HS  
2100 Baltimore Road  
Rockville MD 20851

Log Number	Device Number	Test Exposure Duration:		Area Tested	Result (pCi/L)
3018367	3029259	03/21/2016 2:00 pm	03/24/2016 12:00 pm	Unit 1003L First Floor	0.4
3018368	3029124	03/21/2016 2:05 pm	03/24/2016 12:05 pm	Unit 1080 First Floor	<0.4
3018369	3029123	03/21/2016 2:07 pm	03/24/2016 12:06 pm	Unit 1080 First Floor	0.5
3018370	3029122	03/21/2016 2:10 pm	03/24/2016 12:10 pm	Unit 2067 Second Floor	<0.4
3018371	3029130	03/21/2016 2:15 pm	03/24/2016 12:15 pm	Unit 3009 Third Floor	0.4

**Comment:** A copy of this report was emailed to tehsin@kci.com.

Distributed by: KCI Technologies, Inc.

Date Received: 03/28/2016 Date Logged: 03/28/2016 Date Analyzed: 03/28/2016 Date Reported: 03/29/2016

Report Reviewed By: Grace Heubling

Report Approved By: Carolyn D. Koke

Carolyn D. Koke, President, AccuStar Labs

**Disclaimer:**

The uncertainty of this radon measurement is +/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

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**Radon Device Type Open Face Canister**

**Send Written Report To:**

Name: KCI Technologies, Inc  
 Address: 936 Ridgebrook Road  
 Address: Sparks  
 City / Town: Sparks  
 State/Province Postal Code: MD 21152  
 Report Country: Baltimore County  
 Email Address: tehsin@kci.com

**Site Tested:**

Site Name: Rockville H.S.  
 Address: 2100 Baltmore Rd.  
 Address: Rockville  
 City / Town: Rockville  
 State/Province Postal Code: MD 20851  
 Test Country: Montgomery County  
 Project Number: 12146341

**Contact Information:**

Contact: Tehsin Aurangabadwala  
 Telephone: 410-891-1726  
 Technician:  
 Cert. Number:  
 Signature:

Lab Use Only	Device Number	Building Number	Unit Number	Floor	Name of Room	Start Date	Start Time	Stop Date	Stop Time	Lab Use Only
	30291259		1003L	1	Temp	3/21/2014	2 <sup>00</sup> pm	3/24/14	12 <sup>00</sup> pm	
	3029124		1080	1	Temp ↓	3/21/2014	2 <sup>05</sup> pm		12 <sup>05</sup> pm	
	3029123		1080	1		3/21/2014	2 <sup>07</sup> pm		12 <sup>06</sup> pm	
	3029122		2067	2		3/21/2014	2 <sup>10</sup> pm		12 <sup>10</sup> pm	
	3029130		3009	3		3/21/2014	2 <sup>15</sup> pm		12 <sup>15</sup> pm	

NRPP 10511AL  
NRSB ARL0007

EPA Method #402-R-92-004  
Charcoal Canister  
NRPP Device Code 6048  
NRSB Device Code 10317

Laboratory Report for:

Property Tested: Project # 12146341

KCI Technologies  
936 Ridgebrook Rd  
Sparks MD 21152

MCPS Radon Phase 11 (re-testing) Office Blank

Log Number	Device Number	Test Exposure Duration:	Area Tested	Result (pCi/L)
3018362	3029232	03/21/2016 8:00 am 03/24/2016 8:00 am	Unit O First Floor Main Room	<0.4

**Comment:** A copy of this report was emailed to tehsin@kci.com.

Distributed by: KCI Technologies, Inc.

Date Received: 03/28/2016 Date Logged: 03/28/2016 Date Analyzed: 03/28/2016 Date Reported: 03/29/2016

Report Reviewed By: Grace Heubling

Report Approved By: Carolyn D. Koke

Carolyn D. Koke, President, AccuStar Labs

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NRPP 10511AL  
NRSB ARL0007

EPA Method #402-R-92-004  
Charcoal Canister  
NRPP Device Code 6048  
NRSB Device Code 10317

Laboratory Report for:

Property Tested:

KCI Technologies  
936 Ridgebrook Rd  
Sparks MD 21152

MCPS  
Transit Blanks

Log Number	Device Number	Test Exposure Duration:		Area Tested	Result (pCi/L)
3010588	3028953	01/19/2016 1:00 pm	01/22/2016 9:30 am	1	< 0.4
3010589	3028955	01/19/2016 1:00 pm	01/22/2016 9:30 am	2	< 0.4
3010590	3028954	01/19/2016 1:00 pm	01/22/2016 9:30 am	3	< 0.4
3010591	3028997	01/19/2016 1:00 pm	01/22/2016 9:30 am	4	< 0.4

**Comment:** AMENDED REPORT for 3028953-8955, 3028997 on 2/22/16 to add all missing information from the blank datasheet. A copy of this report was emailed to james.mouldsdales@kci.com.

Distributed by: KCI Technologies, Inc.

Date Received: 01/27/2016    Date Logged: 01/27/2016    Date Analyzed: 01/28/2016    Date Reported: 01/28/2016

Report Reviewed By: Christie Bates

Report Approved By: Carolyn D. Koke

Carolyn D. Koke, President, AccuStar Labs

**Disclaimer:**

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Return canisters for analysis to:  
**AccuStar Labs**  
 929 Mt. Zion Rd., Lebanon, PA 17046  
 800-523-4964

AccuStar Labs – Lebanon, PA  
**INFORMATION FORM - Large Buildings -**  
 Projects - Apartments

Instructions on back of form  
 Read instructions carefully  
 Discrepancies will invalidate tests

**Test Site Info**

Name of Building/Project or Owner: Transit  
 Site Address: Transit  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_  
 Projects Contact Name: Don Coale Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Do not use this form in  
 New Jersey or Florida  
 Call for correct forms.

Multi-Page Report Y-N

LAB USE ONLY	
Wgt. Gain	pCi/L
	LOF
	LOF
	LOF
	LOF

Detector Serial#	ROOM NAME & NUMBER - LOCATION OF DETECTOR IN ROOM (indicate duplicates and blanks)	Floor	Start Date	Start Time Include AM/PM	Stop Date	Stop Time Include AM/PM
3028953	Transit	1	1/19/16	approx: 00pm 1/23/16		9:30am
8955	Transit	1	1/19/16			
8954	Transit	1	1/19/16			
8997	Transit	1	1/19/16			

1/27/2016

KCI Technologies, Inc.

3010588 3028953 ACPC275B EXP12/31/2018

**Structure Type:** (circle one or more) Basement - Crawlspace - Slab on Grade - Other  
**Test Purpose:** (Circle all that apply) Initial Screening - Follow Up Test - Post Mitigation - Real Estate - Other  
**Building Type:** (Circle One) Residential - Non Residential Private Day Care - Private School Day Care in Public School - Public School

Both Placed by and Retrieved by signatures are required  
 Canisters placed by \_\_\_\_\_ # \_\_\_\_\_  
 Canisters retrieved by \_\_\_\_\_ # \_\_\_\_\_

Send Results To:  
 Company Name: KCI Tech  
 Address: 936 Ridgebrook  
 City: Sparks State: MD Zip: 21152  
 Phone: 410-599-3826  
 EMAIL Results to: James.Mouldale@kci.com

Were general operating conditions maintained?	Yes - No	explain if NO
Were closed building conditions maintained?	Yes - No	explain if NO
Normal Temp.	Yes - No	
Normal Humidity	Yes - No	
Windy Y-N	Rainy Y-N	

Make sure information is complete and correct.  
 If a recalculation is requested there is a \$10.00 recalc fee PER Canister.

Mailing: PO Box 990 Jonestown, PA 17038  
 Shipping: 929 Mt Zion Road, Lebanon, PA 17046  
 800-523-4964 fax 717-274-5662  
 NEHA 10511AL NRSB ARL 0007

# TCS INDUSTRIES, INC.

(717) 657-7032

RADON GAS DETECTION

www.radondetek.com

4326 Crestview Road, Harrisburg, PA 17112

James Mouldale  
KCI  
936 Ridgebrook Rd.  
Sparks, MD 21152

April 04, 2016

Dear Mr. Mouldale:

The spike exposure data were:

Start 04/04/16 @ 1110 hrs EDT  
End 04/06/16 @ 1113 hrs EDT

AC 3029218, 3029219, 3029220, 3029217, 3029214, 3029217, and 3029166

Average radon concentration was 10.6 pCi/L +/- 5%

Avg. Temp. was 71F  
Avg. RH was 51%  
Elevation was 490 feet above sea level

Sincerely,



Carl H. Distenfeld, CHP

\*\*\*\*\*  
TCS Radon Chamber NRSB CHM 0002  
\*\*\*\*\*

NRPP 10511AL  
NRSB ARL0007

EPA Method #402-R-92-004  
Charcoal Canister  
NRPP Device Code 6048  
NRSB Device Code 10317

Laboratory Report for:

Property Tested:

KCI Technologies  
936 Ridgebrook Rd  
Sparks MD 21152

MCPS  
Radon Spike Sample Laboratory Results


Log Number	Device Number	Test Exposure Duration:	Area Tested	Result (pCi/L)
3020102	3029166	04/04/2016 11:10 am 04/06/2016 11:13 am	Not Indicated	11.9
3020103	3029214	04/04/2016 11:10 am 04/06/2016 11:13 am	Not Indicated	11.5
3020104	3029217	04/04/2016 11:10 am 04/06/2016 11:13 am	Not Indicated	10.7
3020105	3029218	04/04/2016 11:10 am 04/06/2016 11:13 am	Not Indicated	11.3
3020106	3029219	04/04/2016 11:10 am 04/06/2016 11:13 am	Not Indicated	11.0
3020107	3029220	04/04/2016 11:10 am 04/06/2016 11:13 am	Not Indicated	10.5

**Comment:** A copy of this report was emailed to james.mouldsdale@kci.com.

Distributed by: KCI Technologies, Inc.

Date Received: 04/07/2016 Date Logged: 04/07/2016 Date Analyzed: 04/07/2016 Date Reported: 04/08/2016

**Note:** Spike samples are test canisters that are deliberately exposed to a controlled high level of radon in a laboratory. They provide a quality control measure in the testing process and do NOT reflect radon levels in the building being tested.

Report Reviewed By: 

Report Approved By:   
Carolyn D. Koke, President, AccuStar Labs

**Disclaimer:**

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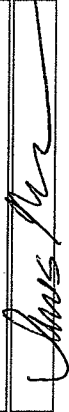
**Send Written Report To:**

Name: KCI Technologies, Inc  
 Address: 936 Ridgebrook Road  
 Address:   
 City / Town: Sparks  
 State/Province Postal Code: MD 21152  
 Report Country: Baltimore County  
 Email Address: tehsin@kci.com

**Site Tested:**

Site Name: MCRS  
 Address: 850 Hagerford Dr  
 Address:   
 City / Town: Rockville  
 State/Province Postal Code: MD 20850  
 Test Country: Montgomery County  
 Project Number: 12146341

**Contact Information:**

Contact: Tehsin Aurangabadwala  
 Telephone: 410-891-1726  
 Technician:   
 Cert. Number:   
 Signature: 

Lab Use Only	Device Number	Building Number	Unit Number	Floor	Name of Room	Temp	Start Date mm/dd/yyyy	Start Time hh:mm am / pm	Stop Date mm/dd/yyyy	Stop Time hh:mm am / pm	Lab Use Only
	3029166	1		1	1		4/4/16	11:10am	4/6/16	11:15am	
	3029214	1		1	2						
	3029217	1		1	3						
	3029218	1		1	4						
	3029219	1		1	5						
	3029220	1		1	6						



## MCPS RADON TESTING

### Executive Summary: Rockville High School

Date of Test Report:	2/10/2016
Round of Testing:	Initial Follow-up Post Remediation
# Rooms Tested:	105
# Rooms $\geq$ 4.0 pCi/L:	0
Low Value:	< 0.3
High Value:	2.6

#### Project Status:

Initial testing completed; missing or compromised samples need re-test.



February 10, 2016

Mr. Richard Cox  
Indoor Air Quality Team Leader  
Montgomery County Public Schools  
850 Hungerford Drive  
Rockville, MD 20850

Re: **Radon Testing Services**  
KCI Job # 12146341.24

Location: Rockville High School  
2100 Baltimore Road  
Rockville, MD 20851

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) pursuant to completing a “short-term” 3 day radon test for the Rockville High School, located at 2100 Baltimore Road in Rockville, Maryland 20851 (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 Safety Board (NRSB) Radon Measurement Specialist (certification #14SS056) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from [www.montgomerycountymd.gov/dep/air/radon](http://www.montgomerycountymd.gov/dep/air/radon) or [www.epa.gov/radon](http://www.epa.gov/radon).

KCI visited the site on January 11, 2016 and deployed one hundred thirty (130) activated charcoal (AC) radon test kits. KCI deployed radon test kits in 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 included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted six (6) 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 January 14, 2016 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:**

The operating condition that represents the greatest amount of significantly occupied time for this building is; heating active, with outdoor temperature averages  $\leq 65^{\circ}$  F.

KCI concludes that the test period reasonably represents normal conditions when the building is significantly occupied. Clear characterization of the radon hazard is most likely to be observed under this normal operating condition. Based on the evaluation of test conditions, this test should reasonably characterize radon hazards.

KCI also conducted observations of field conditions which could affect the results of the test and compiled weather data for the testing period. KCI recorded observations of the following conditions in each room at 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.

**Results:**

The results of the radon test analysis indicated the following:

<b>Radon Concentration</b>	<b>Room</b>	<b>Result</b>
$\geq 4.0$ pCi/L	none	n/a
$< 4.0$ pCi/L	See Attachment B	

Notes:  
D- Duplicate sample

All field blanks, office blank, and lab transit blanks had test results of less than the laboratory detection limit of 0.3 pCi/L. Review of the duplicate sample analysis indicates that adequate laboratory measurement precision was achieved. The Spike sample analysis results indicate the laboratory is operating within statistical control limits.

The sampling locations, field observations, and analytical results are listed on Table 1 (Attachment B). The laboratory analytical results are also attached (Attachment C). Laboratory results and exposure data for the spike samples are also included in Attachment C.

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) 316-7800.

Sincerely,



H. Allen Bennett  
Certified Industrial Hygienist  
KCI Technologies, Inc.

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

# ATTACHMENT A

## Floor Plan With Test Locations

# ATTACHMENT B

## Radon Test Summary Spreadsheet

<b>Radon Testing Results</b>		
<b>Rockville High School</b>		
<b>Test Period: 01/11/16-01/14/16</b>		
<b>Kit Number</b>	<b>Room / Area</b>	<b>Result</b>
7721932	1000	< 0.3
7721918	1000	< 0.3
7721936	1001	< 0.3
7721926	1002	0.5
7721914	1003	< 0.3
7721983	1005	0.6
7721984	1011	< 0.3
7721981	1012	0.6
7721988	1013	< 0.3
7721992	1015	< 0.3
7722000	1017	1.3
7721997	1019	0.7
7721996	1020	< 0.3
7721999	1021	< 0.3
7721994	1022	< 0.3
7721986	1023	< 0.3
7721998	1024	< 0.3
7712551	1025	0.6
7712550	1027	< 0.3
7721989	1030	< 0.3
7721990	1032	0.6
7712544	1033	< 0.3
7712541	1035	0.7
7721993	1036	0.7
7712540	1037	< 0.3
7712537	1038	< 0.3
7712535	1039	< 0.3
7721938	1049	< 0.3
7721939	1054	< 0.3
7721941	1054	0.6
7721946	1057	< 0.3
7721950	1059	< 0.3
7721943	1060	< 0.3
7721977	1062	0.9
7721980	1067	0.7
7721979	1069	1
7721972	1070	0.7
7721975	1075	0.8
7721971	1076	0.8
7721964	1076	1.1
7721965	1081	0.9
7721952	1083	2.2
7721959	1084	2.6
7721948	1089	< 0.3
7721961	1093	0.8
7721951	1095	< 0.3

Table Note:

\* Missing or Compromised Sample



Radon Testing Results		
Rockville High School		
Test Period: 01/11/16-01/14/16		
Kit Number	Room / Area	Result
7721949	1097	0.6
7721947	1097	0.7
7721944	1103	< 0.3
7721940	1105	0.8
7721957	1107	1.3
7721953	1109	1
7712542	2015	< 0.3
7712563	2015	< 0.3
7712538	2027	< 0.3
7712539	2039	< 0.3
7712562	2042	0.5
7712536	2051	0.6
7712546	2076	< 0.3
7712570	2101	< 0.3
7712574	2119	0.6
7712553	2034	< 0.3
7712532	3014	< 0.3
7712554	3019	< 0.3
7712555	3033	< 0.3
7721928	1000 B	< 0.3
7721920	1000 C	< 0.3
7721902	1002 A	0.8
7721937	1002 B	< 0.3
7721934	1002 C	< 0.3
7721933	1002 D	0.6
7721921	1002 E	< 0.3
7721923	1002 F	0.6
7721919	1002 H	0.7
7721925	1002 I	< 0.3
7721922	1002 J	0.6
7721929	1002 K	< 0.3
7721927	1002 L	< 0.3
7721924	1003 B	< 0.3
7721909	1003 C	< 0.3
7721910	1003 D	< 0.3
7721915	1003 H	0.6
7721912	1003 I	< 0.3
7721904	1003 J	< 0.3
7721906	1003 K	< 0.3
7721908	* 1003 L (Tampered)	0.8
7721917	1003 M	< 0.3
7721913	1003 N	< 0.3
7721931	1003A	0.7
7721974	1011 A	< 0.3
7721987	1011 D	< 0.3
7721978	1011 E	< 0.3
7721985	1013 D	< 0.3
7721995	1015 C	< 0.3
7712545	1031 B	< 0.3
7712547	1031 C	< 0.3

Table Note:

\* Missing or Compromised Sample

<b>Radon Testing Results</b>		
<b>Rockville High School</b>		
<b>Test Period: 01/11/16-01/14/16</b>		
<b>Kit Number</b>	<b>Room / Area</b>	<b>Result</b>
7721903	1050 PB	< 0.3
7721911	1053 A	1
7721905	1053 B	< 0.3
7721945	1055B	< 0.3
7721976	1070 A	< 0.3
7721960	1076 A	0.7
7721966	* 1080 (Missing)	0
7721970	1080 B	1.2
7721969	1080 D	1.1
7721967	1080C	1.2
7721956	1083 F	1.1
7721955	1095 B	0.7
7722543	* 2067 (Damaged -Voided by Lab)	0
7722533	* 3009 (Damaged -Voided by Lab)	0

Table Note:

\* Missing or Compromised Sample

<b>Radon Testing Results</b>		
<b>Rockville High School</b>		
<b>Test Period: 01/11/16-01/14/16</b>		
<b>Kit Number</b>	<b>QC Type</b>	<b>Result</b>
7721901	D (1002)	< 0.3
7721935	D (1003 N)	< 0.3
7721991	D (1013)	< 0.3
7712534	D (1024)	< 0.3
7712549	D (1031 B)	< 0.3
7721907	D (1053 A)	1.1
7721968	D (1070 A)	0.8
7721963	D (1081)	1.1
7721954	D (1107)	1
7712566	D (2042)	0.6
7712559	D (2076)	< 0.3
7721930	FB (1002)	< 0.3
7721916	FB (1003 N)	< 0.3
7721982	FB (1024)	< 0.3
7721942	FB (1055 B)	< 0.3
7721973	FB (1070 A)	< 0.3
7721958	FB (1107)	< 0.3
7712558	FB (3019)	< 0.3
7720174	OB (0)	< 0.3
7721800	OB (0)	< 0.3

Table Note:

\* Missing or Compromised Sample

**Table Notes:**

AC- Activated Charcoal

ACI- Air Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

QC- Quality Control

# ATTACHMENT C

## Laboratory Analytical Results

Radon test result report for:  
**ROCKVILLE HIGH SCHOOL**  
**MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7720174	0	2016-01-11 @ 3:00 pm	2016-01-14 @ 12:00 pm	< 0.3	2016-01-18
7721800	0	2016-01-11 @ 3:00 pm	2016-01-14 @ 12:00 pm	< 0.3	2016-01-18
7721918	1000	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721932	1000	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721928	1000 B	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721920	1000 C	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721936	1001	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721901	1002	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721926	1002	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	0.5 ± 0.3	2016-01-18
7721930	1002	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721902	1002 A	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	0.8 ± 0.3	2016-01-18
7721937	1002 B	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721934	1002 C	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721933	1002 D	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	0.6 ± 0.3	2016-01-18
7721921	1002 E	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721923	1002 F	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	0.6 ± 0.3	2016-01-18
7721919	1002 H	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	0.7 ± 0.3	2016-01-18
7721925	1002 I	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721922	1002 J	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	0.6 ± 0.3	2016-01-18
7721929	1002 K	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721927	1002 L	2016-01-11 @ 9:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721914	1003	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721924	1003 B	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721909	1003 C	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721910	1003 D	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721915	1003 H	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	0.6 ± 0.3	2016-01-18
7721912	1003 I	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721904	1003 J	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721906	1003 K	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721908	1003 L	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	0.8 ± 0.3	2016-01-18
7721917	1003 M	2016-01-11 @ 10:00 am	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721913	1003 N	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721916	1003 N	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721935	1003 N	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721931	1003A	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	0.7 ± 0.3	2016-01-18
7721983	1005	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.6 ± 0.3	2016-01-18
7721984	1011	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18

February 10, 2016  
**LABORATORY ANALYSIS REPORT** \*\*

Radon test result report for:  
**ROCKVILLE HIGH SCHOOL  
 MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7721974	1011 A	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721987	1011 D	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721978	1011 E	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721981	1012	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.6 ± 0.3	2016-01-18
7721988	1013	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721991	1013	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721985	1013 D	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721992	1015	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721995	1015 C	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7722000	1017	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	1.3 ± 0.3	2016-01-18
7721997	1019	2016-01-11 @ 1:00 pm	2016-01-14 @ 10:00 am	0.7 ± 0.3	2016-01-18
7721996	1020	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721999	1021	2016-01-11 @ 1:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721994	1022	2016-01-11 @ 1:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721986	1023	2016-01-11 @ 1:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7712534	1024	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7721982	1024	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7721998	1024	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712551	1025	2016-01-11 @ 2:00 pm	2016-01-14 @ 10:00 am	0.6 ± 0.3	2016-01-18
7712550	1027	2016-01-11 @ 2:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721989	1030	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712545	1031 B	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712549	1031 B	2016-01-11 @ 2:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7712547	1031 C	2016-01-11 @ 2:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721990	1032	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	0.6 ± 0.3	2016-01-18
7712544	1033	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712541	1035	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	0.7 ± 0.3	2016-01-18
7721993	1036	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	0.7 ± 0.3	2016-01-18
7712540	1037	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712537	1038	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712535	1039	2016-01-11 @ 1:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7721938	1049	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721903	1050 PB	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721907	1053 A	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	1.1 ± 0.3	2016-01-18
7721911	1053 A	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	1.0 ± 0.3	2016-01-18
7721905	1053 B	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721939	1054	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18

February 10, 2016  
**LABORATORY ANALYSIS REPORT** \*\*

Radon test result report for:  
**ROCKVILLE HIGH SCHOOL  
 MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7721941	1054	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	0.6 ± 0.3	2016-01-18
7721942	1055 B	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721945	1055B	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721946	1057	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721950	1059	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721943	1060	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721977	1062	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.9 ± 0.3	2016-01-18
7721980	1067	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.7 ± 0.3	2016-01-18
7721979	1069	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	1.0 ± 0.3	2016-01-18
7721972	1070	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.7 ± 0.3	2016-01-18
7721968	1070 A	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.8 ± 0.3	2016-01-18
7721973	1070 A	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721976	1070 A	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721975	1075	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.8 ± 0.3	2016-01-18
7721964	1076	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	1.1 ± 0.3	2016-01-18
7721971	1076	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.8 ± 0.3	2016-01-18
7721960	1076 A	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	0.7 ± 0.3	2016-01-18
7721966	1080	@	@		
7721970	1080 B	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	1.2 ± 0.3	2016-01-18
7721969	1080 D	2016-01-11 @ 12:00 pm	2016-01-14 @ 10:00 am	1.1 ± 0.3	2016-01-18
7721967	1080C	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	1.2 ± 0.3	2016-01-18
7721963	1081	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	1.1 ± 0.3	2016-01-18
7721965	1081	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	0.9 ± 0.3	2016-01-18
7721952	1083	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	2.2 ± 0.4	2016-01-18
7721956	1083 F	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	1.1 ± 0.3	2016-01-18
7721959	1084	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	2.6 ± 0.4	2016-01-18
7721948	1089	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721961	1093	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	0.8 ± 0.3	2016-01-18
7721951	1095	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	< 0.3	2016-01-18
7721955	1095 B	2016-01-11 @ 11:00 am	2016-01-14 @ 10:00 am	0.7 ± 0.3	2016-01-18
7721947	1097	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	0.7 ± 0.3	2016-01-18
7721949	1097	2016-01-11 @ 10:00 am	2016-01-14 @ 9:00 am	0.6 ± 0.3	2016-01-18
7721944	1103	2016-01-11 @ 11:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18
7721940	1105	2016-01-11 @ 11:00 am	2016-01-14 @ 9:00 am	0.8 ± 0.3	2016-01-18
7721954	1107	2016-01-11 @ 11:00 am	2016-01-14 @ 9:00 am	1.0 ± 0.3	2016-01-18
7721957	1107	2016-01-11 @ 11:00 am	2016-01-14 @ 9:00 am	1.3 ± 0.3	2016-01-18
7721958	1107	2016-01-11 @ 11:00 am	2016-01-14 @ 9:00 am	< 0.3	2016-01-18



February 10, 2016  
**\*\* LABORATORY ANALYSIS REPORT \*\***

Radon test result report for:  
**ROCKVILLE HIGH SCHOOL  
MAIN**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7721953	1109	2016-01-11 @ 11:00 am	2016-01-14 @ 9:00 am	1.0 ± 0.3	2016-01-18
7712542	2015	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712563	2015	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712538	2027	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712539	2039	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712566	2042	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	0.6 ± 0.3	2016-01-18
7712562	2042	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	0.5 ± 0.3	2016-01-18
7712536	2051	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	0.6 ± 0.3	2016-01-18
7722543	2067	2016-01-11 @ 1:00 pm	2016-01-14 @ 10:00 am	???? EI	2016-01-26
7712546	2076	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712559	2076	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712570	2101	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712574	2119	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	0.6 ± 0.3	2016-01-18
7712553	2034	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7722533	3009	2016-01-11 @ 1:00 pm	2016-01-14 @ 10:00 am	???? EI	2016-01-27
7712532	3014	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712554	3019	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712558	3019	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18
7712555	3033	2016-01-11 @ 2:00 pm	2016-01-14 @ 11:00 am	< 0.3	2016-01-18

February 2, 2016  
**\*\* LABORATORY ANALYSIS REPORT \*\***

Radon test result report for:  
**MCPS PHASE 5 & 6  
TRANSIT BLANKS**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7722194	1	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718494	10	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718475	11	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718495	12	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718496	13	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718497	14	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718498	15	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718499	16	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718500	17	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718296	18	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718295	19	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7722195	2	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7716789	20	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7716785	21	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-26
7716791	22	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7716786	23	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7716793	24	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718274	25	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7716792	26	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718294	27	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718293	28	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718292	29	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7722197	3	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718290	30	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7722198	4	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7722199	5	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7722211	6	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718491	7	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27
7718476	8	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-26
7718479	9	2016-01-19 @ 12:00 pm	2016-01-22 @ 12:00 pm	< 0.3	2016-01-27

December  
23,  
2015

**LABORATORY ANALYSIS  
REPORT \*\***

Spike Sample Laboratory Results

Radon test result report for:

**MCPS**

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
7706380	101	2015-12-18 @ 9:00 am	2015-12-21 @ 9:00 am	25.2	2015-12-23
7706381	102	2015-12-18 @ 9:00 am	2015-12-21 @ 9:00 am	26.5	2015-12-23
7706208	103	2015-12-18 @ 9:00 am	2015-12-21 @ 9:00 am	27.7	2015-12-23
7705132	104	2015-12-18 @ 9:00 am	2015-12-21 @ 9:00 am	28.6	2015-12-23
7706366	105	2015-12-18 @ 9:00 am	2015-12-21 @ 9:00 am	26.5	2015-12-23
7706211	106	2015-12-18 @ 9:00 am	2015-12-21 @ 9:00 am	26.1	2015-12-23

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

**Note: Spike samples are test canisters that are deliberately exposed to a controlled high level of radon in a laboratory. They provide a quality control measure in the testing process and do NOT reflect radon levels in the building being tested.**

**EXPOSURE IN BOWSER-MORNER RADON CHAMBER**

CLIENT KCI Technologies Inc. Job Number 173224

NOMINAL Conditions: Radon Conc 26.9 pCi/L Rel. Hum 49.6 % Temp. 69.9 F

Date Start: 12/18/15 Date Stop: 12/21/15 Date Start: \_\_\_\_\_ Date Stop: \_\_\_\_\_

Time Start: 0929 Time Stop: 0929 Time Start: \_\_\_\_\_ Time Stop: \_\_\_\_\_

Device No.'s: 7705132, 7706208, Device No.'s: \_\_\_\_\_

7706211, 7706366, \_\_\_\_\_

7706380, 7706381 \_\_\_\_\_

F3 Left

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  $\mu$ R/h Elevation = 820 ft**



### Chain of Custody

Project Name: MCPS Radon Phase V

Name of Schools:

- |                         |                           |                         |
|-------------------------|---------------------------|-------------------------|
| 1. Arcola ES            | 11. Clopper Mill ES       | 21. Parkland Magnet MS  |
| 2. Argyle ES            | 12. College Gardens ES    | 22. Rachel Carson ES    |
| 3. Bells Mill ES        | 13. Eastern MS            | 23. Roberto Clemente MS |
| 4. Bethesda ES          | 14. Fallsmead ES          | 24. Rock Creek ES       |
| 5. Brookhaven ES        | 15. Fields Road ES        | 25. Rockview ES         |
| 6. Burning Tree ES      | 16. Flower Hill ES        | 26. Rockville HS        |
| 7. Capt. James Daly ES  | 17. Flower Valley ES      | 27. Rocky Hill MS       |
| 8. Carderock Springs ES | 18. Fox Chapel ES         | 28. Seneca Valley HS    |
| 9. Cashell ES           | 19. Glen Haven ES         | 29. Westover ES         |
| 10. Clearspring ES      | 20. James Hubert Blake HS | 30. William Farquar MS  |

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	Date	Initials
Radon Test Kits Deployed	1/11/16	JM
Radon Test Kits Sampled	1/14/16	JM
Radon Test Kits Shipped to Lab*	1/15/16	JM
Radon Test Kits Received by Lab*	1/18/16	JM

\*All samples sent to Air Check, Inc., 1936 Butler Bridge Road, Mills River, NC 28758