School / Facility Radon Testing Report Form

School Year: **24-25**

Facility:	Thomas Edison High School of Technology
Address:	12501 Dalewood Drive
	Silver Spring, MD 20906
Reason for Testing:	Scheduled Re-Testing - ☐ 2-year or ☒ 5-year schedule ☐ Clearance Testing (Post-Mitigation) ☐ Building Envelope or HVAC Upgrades ☐ New Construction – Addition or Facility
Current Radon Status:	☐ Active Mitigation (2-year regular schedule) ☒ No Active Mitigation (5-year regular schedule) ☐ Not Previously Tested (New Facility)
Round of Testing:	☐ Initial Testing **-or-** ☒ Follow-up Testing
Testing Status:	☒ No Further Testing Needed **-or-** ☐ Follow-Up Testing Required

Conclusion (When Testing Status is - No Further Testing Needed)

Mitigation -	**Facility Radon Status:**		
☒ Not Required ☐ Required (≥4.0-pCi/L) Rooms:	☒ No Change in Status ☐ Active Mitigation (2-year regular schedule) ☐ No Active Mitigation (5-year regular schedule)		
Number of Rooms Tested	46	Lowest Value (pCi/L)	< 0.3
Number of Rooms (≥4.0-pCi/L)	0	Highest Value (pCi/L)	1.3

Instructions: Submit one testing report form per-facility. Include the following as attachments:

Attachment 1- Summary Data Tables – containing the following: (see attached samples tables)

- Testing Results – lab/detector Identification, by room number/name (alpha-numeric order) as depicted on facility map/floor plan provided by the facility/school at the time of test device deployment;
- Summary Results – list of rooms by test result ≥2.0-pCi/L; ≥2.7-pCi/L; ≥4.0-pCi/L; and ≥8.0-pCi/L;
- QA/QC Results - (field blanks and duplicates) indicating location collected; trip and office blanks; and spike sample results;
- Invalid Measurement Locations – missed locations, missing and or damaged/compromised testing devices.

Attachment 2 – Laboratory Report(s)

Attachment 3 – Sampling Location Map(s) – indicating approximate location of samples, duplicates and blanks.

MCPS DEM SUSTAINABILITY & COMPLIANCE

School / Facility Radon Testing Report Form

Detector and Deployment

Detector/Device Type:	☒ Passive ☐ Continuous	☒ Charcoal Absorption (CAD) ☐ Alpha Track (ATD) ☐ Other ☐ Electret ion Chamber (EIC) ☐ Electronic Integration (EID)
	Other–Specify here:	
Detector/Device Name:	Air Chek – Radon Test Kits	
Manufacturer:	Radon Lab	

Person(s) Deploying or Retrieving Test Devices and certification number	Organization/Company
Shannon King	KCI Technologies, Inc.
If noncertified individuals, the qualified measurement professional providing oversight -	
Tyler McCleaf, CSP – Cert. #111004 – RMP	KCI Technologies, Inc.

Testing

☒ Short-Term ☐ Long-Term	Length of Test (days):	3	Date of Deployment and Retrieval (mm/dd/yy):	01/28/25 01/31/25	03/24/25 03/27/25
Does the test period include weekends, school breaks or holidays?				☐ Yes ☒ No	
*If "**Yes**" please explain/detail in the space below:*					
Was HVAC operating under occupied conditions?				☒ Yes ☐ No	
*If "**No**" please explain/detail in the space below:*					

Testing (continued)

	Detectors Deployed				
	Ground-Contact		Upper-Level(s)		Total
Round of Testing	Initial	Follow-Up	Initial	Follow-Up	
Test Locations[1]	43	0	2	2	47
Duplicates[2]	4	0	1	1	6
Field Blanks[3]	2	0	0	1	3
				Grand Total	56

1 – include all detectors deployed (duplicates, field blanks); 1 detector per occupied (or intended to be occupied) ground-contact space ≤ 2,000-square feet; large spaces ≥ 2,000-square feet - 1 detector per 2,000-square feet or part thereof); and upper floors - 10% of all occupied or intended to be occupied rooms per floor (these are in addition to ground contact locations)
2 - 10% of all locations tested, per floor
3 – 5% of all locations tested, per floor

Quality Assurance / Quality Control (QA/QC)

A Quality Assurance plan that is consistent with ANSI/AARST MS-QA (Radon Measurement Systems Quality Assurance) was submitted under separate cover, and is available to review at the MCPS Radon Testing and Mitigation Program website. The following number of QA/QC samples are associated this facility.

	QA/QC Samples		Total
Round of Testing	Initial	Follow-Up	
Spikes[1]	Not applicable		10
Trip Blanks[2]	1	1	2
Office Blanks[3, 4]	1	1	2
			14

1 - 3% of EIC detectors; and 3% from each LOT of CAD and ATD detectors; a maximum of 6-spiked measurements per month for both EIC detectors and each LOT of CAD and ATD detectors.
2 – One per shipping container from start of detector deployment
3 – One per facility tested as devices are removed/allocated from the storage location for deployment;
4 - One additional blank, analyzed prior to deployment, for storage locations that have not been evaluated or monitored, for detectors that have been stored for more than 30-day durations.

Quality Assurance / Quality Control (continued)

Spike Sample Lab Results. Measured values are satisfactory, i.e., within ± 25% of the chamber's reference value?	☒ Yes ☐ No	
Quality Control measurements comply with QA/QC requirements in the submitted testing organization's/company's QA plan?	☒ Yes ☐ No	
Round of Testing	**Initial**	**Follow-Up**
All Field, Trip and Office Blanks are **≤** (less than or equal to) to the Method Detection Limit?	☒ Yes ☐ No	☒ Yes ☐ No
For all Duplicate Samples[1], the higher value is **≤ 2x** the lower value?	☐ Yes ☒ No	☒ Yes ☐ No
For all Duplicate Samples[1], Relative Percent Difference(s) (RPD)[2] are less than the Warning Level[3]?	☐ Yes ☒ No	☒ Yes ☐ No
For all Duplicate Samples[1], Relative Percent Difference(s) (RPD)[2] are less than the Control Level[3]?	☐ Yes ☒ No	☒ Yes ☐ No

1 – Duplicate Control – a "NO" response constitute a control failure and the space/location represented by the duplicate sample becomes an invalid measurement location and should be listed in the "Invalid Measurement Locations" Table attached to this report.

2 - The objective of duplicate tests is to assess the precision error of the measurement method or, how well two side-by-side measurements agree or disagree. Precision involving duplicates is calculated by using Relative Percent Difference (RPD). RPD is equal to the difference between the higher test result minus the lower value test result divided by the average of the two duplicate test results, multiplied by 100. The RPD result is then compared to the warning and control limits.

3 - The Warning Level is set at the deviation from ideal performance that would be expected to occur by chance only 5% of the time, and Control Limits are set at that deviation from ideal performance that would be expected to occur by chance only 1% of the time. The Warning Level indicates a potential problem, which should be investigated. The Control Level indicates that the measurement system should be subject to corrective action.

The control and warning levels for duplicates, based on the averaged duplicate test result, are -

Average concentration of the two duplicate test results	Warning Level	Control Level
< 2.0-pCi/L	1-pCi/L	Not applicable
Between 2.0 and 3.9-pCi/L	50% RPD	67% RPD
≥ 4.0-pCi/L	28% RPD	36% RPD

MCPS DEM SUSTAINABILITY & COMPLIANCE

School / Facility Radon Testing Report Form

Summary of Test Results[1] and Determination of Valid Measurements[2]

	Ground-Contact		Upper-Level(s)		Total
Round of Testing	**Initial**	**Follow-Up**	**Initial**	**Follow-Up**	
Number of test locations:	43	0	2	1	46
Number of locations ≥8.0-pCi/L:	0	0	0	0	0
Number of locations ≥4.0 and ≤8-pCi/L:	0	0	0	0	0
Number of locations ≥2.7 and <4-pCi/L:	0	0	0	0	0
Number of locations ≥2.0 and <2.7-pCi/L:	0	0	0	0	0
Number of missing required test locations[3]:	0	0	1	0	1
Number of failed duplicate control locations:	0	0	0	0	0
Percentage of missing test locations for the facility[4,5]:	0	0	50%	0	0

1 – for locations with multiple test results, report consistent with Section 7.2(When Two Test Results Disagree) and 8.1.2 (Averaging) of ANSI/AARST MA-MFLB 2023 – Conducting Measurements of Radon in Multifamily, School, Commercial and Mix-Use Buildings;

2 - the allowance is to be calculated individually for Ground-Contact and Upper-Level(s) Test Locations;

3 – includes missed or inaccessible locations upon deployment or retrieval, damaged (not able to analyze) and missing detectors upon retrieval;

4 – if all valid measurements are <4.0-pCi/L and the total number of test locations are ≥18, there is an allowance of ≤33%. If less than 18 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023;

5 – if any valid measurements are ≥4.0-pCi/L and the total number of test locations are ≥20, there is an allowance of ≤25% of the total locations tested. If less than 20 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023.

Summary of Test Results[1] and Determination of Valid Measurements[2] (continued)

Round of Testing	Initial	Follow-Up
Were test devices deployed in all occupied and intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms?	☒ Yes ☐ No	☒ Yes ☐ No
Were valid measurements obtained in all occupied and intended to be occupied rooms in contact with the ground, and, if applicable, 10% of upper floor rooms?	☐ Yes ☒ No	☒ Yes ☐ No
If Yes to both above *– then Testing Status –* ***'No Further Testing Needed'*** *mark 'NA' below and complete Conclusions section*		
If No to either above, were all results obtained under 4.0-pCi/L **and** were sufficient valid measurements obtained?[1,2] ***If Yes,*** *then -* ***'No Further Testing Needed'*** *complete Conclusion section on first page.* ***If No****, then -* ***'Follow-up Testing Required'*** *continue below.*	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☒ NA

1 – if all valid measurements are <4.0-pCi/L and the total number of test locations are ≥18, there is an allowance of ≤33%. If less than 18 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023 – Conducting Measurements of Radon in Multifamily, School, Commercial and Mix-Use Buildings to determine the allowance;
2 – if any valid measurements are ≥4.0-pCi/L and the total number of test locations are ≥20, there is an allowance of ≤25% of the total locations tested. If less than 20 test locations please review section 6.2 of the ANSI/AARST MA-MFLB 2023 – Conducting Measurements of Radon in Multifamily, School, Commercial and Mix-Use Buildings to determine the number the allowance.

Follow-Up Testing

Required –

- If an insufficient number (greater than the allowance provided above) of valid measurements were obtained during the initial round of testing (the "missing required test locations" in the table above);
- Any location test results ≥ 4.0-pCi/L;
- Any location where duplicates fail QC checks; and or
- At the discretion of MCPS IAQ Staff

Reason for Follow-Up Testing	Testing Procedure	Follow-up Result	Conclusion
Insufficient Number of Measurements	Follow same procedures as Initial Testing	Not Applicable	Follow Initial Testing procedures
Results ≥ 4.0-pCi/L	Deploy two Short-term follow-up tests and required blanks and duplicates; Average the results of the two tests	≥4.0	Mitigation Required
Failed QC checks		≥2.0 and <4.0	Consider Mitigation
		<2.0	Mitigation Not Required

- ***If follow-up testing identifies additional spaces requiring additional testing it will be performed as part of the ongoing follow-testing round.***

Attachment 1:

Summary Data Tables

Table 1- Radon Testing Results		
Thomas Edison High School		
Test Period: 1/28/2025 - 1/31/2025		
Kit Number	Room / Area	Result
11919804	104	< 0.3
11919812	105	< 0.3
11919813	105	< 0.3
11919802	106	< 0.3
11919803	106	< 0.3
11919828	114	< 0.3
11919835	122	< 0.3
11919831	123	< 0.3
11919833	124	< 0.3
11919830	125	< 0.3
11919837	126	< 0.3
11919838	126	< 0.3
11919806	130	< 0.3
11919809	135	< 0.3
11919807	140	< 0.3
11919808	142	< 0.3
11919810	144	< 0.3
11919840	200	< 0.3
11951093	100A	< 0.3
11951095	100B	1.3
11951097	100D	0.7
11951098	100E	1.1
11951100	100G	0.9
11951099	100H	< 0.3
11951094	100M	< 0.3
11919811	101A	0.6
11919805	104A	< 0.3
11919814	107A	0.7
11919815	107A	< 0.3
11919816	107B	< 0.3
11919817	107C	< 0.3
11919818	107D	0.6
11919819	107E	< 0.3
11919826	109A	< 0.3
11919825	109B	< 0.3
11919824	109D	< 0.3
11919821	109E	< 0.3

Table 1- Radon Testing Results		
Thomas Edison High School		
Test Period: 1/28/2025 - 1/31/2025		
Kit Number	Room / Area	Result
11919820	109F	< 0.3
11919822	109G	< 0.3
11919823	109G	< 0.3
11919827	121A	0.7
11919843	122A	< 0.3
11919834	124A	0.5
11919832	125A	< 0.3
11919836	125A	< 0.3
11919839	126A	0.9
11919801	140C	< 0.3
11919844	G07	< 0.3
11919842	G12A	< 0.3
11919849	G16A	< 0.3
11919850	G17A	< 0.3
11951096	MAIN OFFICE	< 0.3

Table 2 - Summary Testing Results ≥2.0 pCi/L							
Thomas Edison High School							
Test Period: 1/28/2025 - 1/31/2025							
≥2.0 and <2.7 pCi/L		≥2.7 and <4.0 pCi/L		≥4.0 and <8.0 pCi/l		≥8.0 pCi/L	
Room / Area	Result	Room / Area	Result	Room / Area	Result	Room / Area	Result
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3 - QC Radon Testing Results			
Thomas Edison High School			
Test Period: 1/28/2025 - 1/31/2025			
Kit Number	**QC Type**	**Room / Area**	**Result**
11919813	D	105	< 0.3
11919803	D	106	< 0.3
11919838	FB	126	< 0.3
11919845	D	230	Missing
11919815	FB	107A	< 0.3
11919823	D	109G	< 0.3
11919832	D	125A	< 0.3
11906899	OB	OFFICE BLANK	< 0.3
11926699	TB	TRAVEL BLANK	< 0.3

Table 3a - Duplicate Worksheet / Data Validation										
Thomas Edison High School										
Test Period: 01/28/2025 - 01/31/2025										
Sample ID			Duplicate Concentrations (pCi/L) and QC Checks							
Kit Numbers		Room / Area	Higher	Lower	Check #1 (Pass/Fail)	2x the Lower	Check #2 (Pass/Fail)	Average	Relative Percent Difference (RPD)	Check #3
11919802	11919803	106	0.3	0.3	✓	0.6	PASS	0.3	<1-pCi/L	✓
11919812	11919813	105	0.3	0.3	✓	0.6	PASS	0.3	<1-pCi/L	✓
11919822	11919823	109G	0.3	0.3	✓	0.6	PASS	0.3	<1-pCi/L	✓
11919836	11919832	125A	0.3	0.3	✓	0.6	PASS	0.3	<1-pCi/L	✓
11919841	11919845 (Missing)	230	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTES:

QC Check #1 - Data Entry

QC Check #2 - Higher duplicate concentration is < or = to 2x the Lower

QC Check #3 - Meets RPD Limits, by average duplicate concentration

- enter 2 if RPD is BELOW warning and control levels, AND passes QC Check 1 and 2
- enter 1 if RPD is ABOVE warning and BELOW control levels, AND passes QC Check 1 and 2
- enter 0 if RPD is ABOVE control level, or 'FAILS' QC Check 1 or 2

Average (pCi/L)	Warning Level	Control Level
< 2.0	1-pCi/L	NA
Between 2.0 and 3.9	50% RPD	67% RPD
≥ 4.0	28% RPD	36% RPD

Table 4 - Summary of Invalid Measurement Locations		
Thomas Edison High School		
Test Period: 1/28/25 - 1/31/25		
Kit Number	**Room/Area**	**Reason**
11919829	121	Missing Kit
11919841	230	Missing Kit
11919845	230	Missing Kit

Table 1- Radon Testing Results		
Thomas Edison High School RT		
Test Period: 3/24/2025 - 3/27/2025		
Kit Number	Room / Area	Result
11886548	230	< 0.3
11886563	230	< 0.3
11886594	230	< 0.3
11886596	230	< 0.3

Table 2 - Summary Testing Results ≥2.0 pCi/L							
Thomas Edison High School RT							
Test Period: 3/24/2025 - 3/27/2025							
≥2.0 and <2.7 pCi/L		≥2.7 and <4.0 pCi/L		≥4.0 and <8.0 pCi/l		≥8.0 pCi/L	
Room / Area	Result	Room / Area	Result	Room / Area	Result	Room / Area	Result
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3 - QC Radon Testing Results			
Thomas Edison High School RT			
Test Period: 3/24/2025 - 3/27/2025			
Kit Number	**QC Type**	**Room / Area**	**Result**
11886596	D	230	< 0.3
11886548	FB	230	< 0.3
11886664	OB	OFFICE BLANK	< 0.3
11886691	TB	TRAVEL BLANK	< 0.3

Table 3a - Duplicate Worksheet / Data Validation

Thomas Edison High School RT

Test Period: 3/24/2025 - 3/27/2025

Sample ID			Duplicate Concentrations (pCi/L) and QC Checks							
Kit Numbers		Room / Area	Higher	Lower	Check #1 (Pass/Fail)	2x the Lower	Check #2 (Pass/Fail)	Average	Relative Percent Difference (RPD)	Check #3
11886596	11886563 11886594	230	0.3	0.3	✓	0.6	PASS	0.3	<1-pCi/L	✓

NOTES:

QC Check #1 - Data Entry

QC Check #2 - Higher duplicate concentration is < or = to 2x the Lower

QC Check #3 - Meets RPD Limits, by average duplicate concentration

- enter 2 if RPD is BELOW warning and control levels, AND passes QC Check 1 and 2
- enter 1 if RPD is ABOVE warning and BELOW control levels, AND passes QC Check 1 and 2
- enter 0 if RPD is ABOVE control level, or 'FAILS' QC Check 1 or 2

Average (pCi/L)	Warning Level	Control Level
< 2.0	1-pCi/L	NA
Between 2.0 and 3.9	50% RPD	67% RPD
≥ 4.0	28% RPD	36% RPD

Table 4 - Summary of Invalid Measurement Locations		
Thomas Edison High School RT		
Test Period: 3/24/25 - 3/27/25		
Kit Number	**Room/Area**	**Reason**
N/A	N/A	N/A

Attachment 2:

Laboratory Reports

February 4, 2025

** LABORATORY ANALYSIS REPORT **

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11951093	100A	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11951095	100B	2025-01-28 @ 9:00 am	2025-01-31 @ 9:00 am	1.3 ± 0.4	2025-02-04
11951097	100D	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	0.7 ± 0.4	2025-02-04
11951098	100E	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	1.1 ± 0.4	2025-02-04
11951100	100G	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	0.9 ± 0.3	2025-02-04
11951099	100H	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11951094	100M	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919811	101A	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	0.6 ± 0.4	2025-02-04
11919804	104	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919805	104A	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919813	105	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919812	105	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919803	106	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919802	106	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919814	107A	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	0.7 ± 0.4	2025-02-04
11919815	107A	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919816	107B	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919817	107C	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919818	107D	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	0.6 ± 0.3	2025-02-04
11919819	107E	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919826	109A	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919825	109B	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919824	109D	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919821	109E	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919820	109F	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919822	109G	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919823	109G	2025-01-28 @ 10:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919828	114	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919827	121A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	0.7 ± 0.3	2025-02-04
11919835	122	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919843	122A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919831	123	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919833	124	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919834	124A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	0.5 ± 0.3	2025-02-04
11919830	125	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919832	125A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919836	125A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04

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

February 4, 2025

** LABORATORY ANALYSIS REPORT **

Radon test result report for:

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11919838	126	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919837	126	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919839	126A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	0.9 ± 0.4	2025-02-04
11919806	130	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919809	135	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919807	140	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04
11919801	140C	2025-01-28 @ 9:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919808	142	2025-01-28 @ 9:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919810	144	2025-01-28 @ 9:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919840	200	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919844	G07	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919842	G12A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919849	G16A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11919850	G17A	2025-01-28 @ 10:00 am	2025-01-31 @ 9:00 am	< 0.3	2025-02-04
11951096	MAIN OFFICE	2025-01-28 @ 9:00 am	2025-01-31 @ 8:00 am	< 0.3	2025-02-04

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

February 4, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
OFFICE
MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11906885	O	2025-01-27 @ 11:00 am	2025-01-30 @ 11:00 am	< 0.3	2025-02-04
11906899	O	2025-01-28 @ 11:00 am	2025-01-31 @ 11:00 am	< 0.3	2025-02-04

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

February 4, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
TRAVEL
MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11906900	T	2025-01-27 @ 11:00 am	2025-01-30 @ 11:00 am	< 0.3	2025-02-04
11926699	T	2025-01-28 @ 11:00 am	2025-01-31 @ 11:00 am	< 0.3	2025-02-04

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 20001560

NOMINAL Conditions: Radon Conc 50.6 pCi/L Rel. Hum 50.6 % Temp. 70.8 F

Date Start: 12/14/24 Date Stop: 12/17/24	Date Start: _____ Date Stop: _____
Time Start: 0815 Time Stop: 0815	Time Start: _____ Time Stop: _____
Device No.'s: (3) CHAR BAGS	Device No.'s: _____
11477880, 11477883, 11477896	_____
_____	_____
B4 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

December 23, 2024 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
SK
MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11477880	SK1	2024-12-14 @ 8:00 am	2024-12-17 @ 8:00 am	52.0 ± 4.2	2024-12-23
11477883	SK2	2024-12-14 @ 8:00 am	2024-12-17 @ 8:00 am	54.6 ± 4.4	2024-12-23
11477896	SK3	2024-12-14 @ 8:00 am	2024-12-17 @ 8:00 am	45.5 ± 3.6	2024-12-23

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

KCI TECHNOLOGIES

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

Corporate Office: 936 Ridgebrook road • Sparks , Maryland 21152 • 410-316-7800 • (Fax) 410-316-7935

Radon Test Kit Chain of Custody

Project Name: MCPS Radon – Testing January 28th – January 31st, 2024

Name of Schools:

1. Carderock Springs ES
2. Cold Springs ES
3. Concord Center
4. DuFief ES
5. Thomas Edison HS
6. Fallsmead ES
7. Farmland ES

	Date	Initials
Radon Test Kits Deployed	01/28/2025	
Radon Test Kits Collected	01/31/2025	
Radon Test Kits Shipped to Lab*	01/31/2025	
Radon Test Kits Received by Lab*	02/03/2025	

*All samples sent to Air Check, Inc., 2 Saber Way, Ward Hill, MA 01835

April 2, 2025

** LABORATORY ANALYSIS REPORT **

Radon test result report for:

THOMAS EDISON HS OF TECHNOLOGY
MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11886548	230	2025-03-24 @ 10:00 am	2025-03-27 @ 8:00 am	< 0.3	2025-04-02
11886563	230	2025-03-24 @ 10:00 am	2025-03-27 @ 8:00 am	< 0.3	2025-04-02
11886594	230	2025-03-24 @ 10:00 am	2025-03-27 @ 8:00 am	< 0.3	2025-04-02
11886596	230	2025-03-24 @ 10:00 am	2025-03-27 @ 8:00 am	< 0.3	2025-04-02

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

April 3, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
OFFICE
MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11886664	OB	2025-03-24 @ 11:00 am	2025-03-27 @ 11:00 am	< 0.3	2025-04-02
11886692	OB	2025-03-25 @ 11:00 am	2025-03-28 @ 11:00 am	< 0.3	2025-04-02
11951800	OB	2025-03-24 @ 11:00 am	2025-03-28 @ 11:00 am	< 0.3	2025-04-02

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

April 3, 2025

** LABORATORY ANALYSIS REPORT **

Radon test result report for:
TRAVEL
MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11886691	TB	2025-03-24 @ 11:00 am	2025-03-27 @ 11:00 am	< 0.3	2025-04-02
11886693	TB	2025-03-25 @ 11:00 am	2025-03-28 @ 11:00 am	< 0.3	2025-04-02
11892493	TB	2025-03-24 @ 11:00 am	2025-03-28 @ 11:00 am	< 0.3	2025-04-02

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 20002919

NOMINAL Conditions: Radon Conc 7.0 pCi/L Rel. Hum 51.4 % Temp. 70.7 F

Date Start: 3/7/25 Date Stop: 3/10/25	Date Start: _____ Date Stop: _____
Time Start: 0832 Time Stop: 0832	Time Start: _____ Time Stop: _____
Device No.'s: (7) CHAR BAGS	Device No.'s: _____
11886401 thru 11886406,	
11886410	
G3 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

March 19, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
QC
MAIN

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
11886401	SK1	2025-03-07 @ 9:00 am	2025-03-10 @ 9:00 am	7.8 ± 1.1	2025-03-19
11886405	SK2	2025-03-07 @ 9:00 am	2025-03-10 @ 9:00 am	7.1 ± 1.1	2025-03-19
11886406	SK3	2025-03-07 @ 9:00 am	2025-03-10 @ 9:00 am	7.7 ± 1.1	2025-03-19
11886403	SK4	2025-03-07 @ 9:00 am	2025-03-10 @ 9:00 am	7.9 ± 1.2	2025-03-19
11886404	SK5	2025-03-07 @ 9:00 am	2025-03-10 @ 9:00 am	7.6 ± 1.2	2025-03-19
11886410	SK6	2025-03-07 @ 9:00 am	2025-03-10 @ 9:00 am	7.0 ± 1.1	2025-03-19
11886402	SK7	2025-03-07 @ 9:00 am	2025-03-10 @ 9:00 am	8.6 ± 1.2	2025-03-19

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

KCI TECHNOLOGIES

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Corporate Office: 936 Ridgebrook road • Sparks , Maryland 21152 • 410-316-7800 • (Fax) 410-316-7935

Radon Test Kit Chain of Custody

Project Name: MCPS Radon – Testing March 24th – March 27th, 2025

Name of Schools:

1. Beverly Farms ES
2. Bradley Hills ES
3. Cabin John MS
4. Springbrook HS
5. Thomas Edison HS
6. Walter Johnson HS
7. Julius West MS
8. Parkland MS
9. Rockville HS
10. Westland MS
11. Charles W. Woodward HS
12. Walt Whitman HS

	Date	Initials
Radon Test Kits Deployed	3/24/2025	
Radon Test Kits Collected	3/27/2025	
Radon Test Kits Shipped to Lab*	3/28/2025	
Radon Test Kits Received by Lab*	4/01/2025	

*All samples sent to Air Check, Inc., 2 Saber Way, Ward Hill, MA 01835

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MCPS RADON TESTING - EXECUTIVE SUMMARY

Site Name	Thomas Edison High School of Technology
Date of Report	2/3/2020
Round of Testing	Initial Follow-up Post Remediation 2 year testing 5 year testing HVAC Upgrade Window Replacement New Addition **New Facility**
# of Rooms Tested	67
# Rooms ≥4.0 pCi/L	0
Lowest Value	<0.3 pCi/L
Highest Value	2.5 pCi/L

Project Status

Current Project Status at this time: Testing Complete; no further action.

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2/3/2020

Mr. Richard Cox, MS
Environmental Team Leader
Montgomery County Public Schools
Division of Maintenance
Gaithersburg, Maryland 20879

Re: Radon Testing Services

KCI Job #12146341126

Location: Thomas Edison High School of Technology
12501 Dalewood Drive
Silver Spring, Maryland 20906

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to Montgomery County Public Schools pursuant to completing a "short-term" 3-day radon test for the Thomas Edison High School of Technology, located at 12501 Dalewood Drive in Silver Spring, Maryland 20906 (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 Provider (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/departments/facilities/maintenance/default.aspx?id=458858 or www.epa.gov/radon.

KCI visited the site on 12/17/2019 and deployed eighty-three (83) 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 Appendix 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 sixty (60) test kits to Bowser-Morner, Inc. as spike samples. The spiked tests were exposed to a known radon concentration by Bowser-Morner, Inc. prior to being returned to the laboratory for analysis.

KCI returned to the site on 12/20/2019 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Aircheck, Inc. for analysis by gamma-ray spectroscopy. Aircheck, Inc. is a National Radon Safety Board (NRSB) radon measurement provider and is a 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:

- 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 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.

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 lower-20s and high temperatures were in the lower-40s. Maximum sustained winds ranged from 12-26 miles per hour. Average humidity was around 67%. 0.54 inches of precipitation (rain and snow) was recorded during the 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 piC/L	None	N/A
≤4.0 piC/L	See Attachment B	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 410-316-7800.

Sincerely,

Mr. Tyler P. McCleaf
Radon Measurement Provider
111004 RT

KCI Technologies, Inc.

Attachments:

A- Floor Plan with Test Locations

B - Tables 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 Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

QC- Quality Control

Table 1- Radon Testing Results		
Thomas Edison High School		
Test Period: 12/16/2019-12/19/2019		
Kit Number	Room / Area	Result
9340101	144	< 0.3
9340102	144A	< 0.3
9340103	144	< 0.3
9340104	130	< 0.3
9340105	107	< 0.3
9340106	101B	0.6
9340107	107B	< 0.3
9340108	107A	0.6
9340109	105	< 0.3
9340110	101	< 0.3
9340111	106	0.5
9340112	101A	< 0.3
9340113	107	< 0.3
9340114	107C	< 0.3
9340115	109G	< 0.3
9340116	109F	< 0.3
9340117	109D	0.7
9340118	109F	1
9340119	107E	< 0.3
9340120	109E	0.6
9340121	107D	0.6
9340122	109F	0.9
9340123	109A	0.5
9340124	125A	0.9
9340125	109B	0.8
9340126	120	1.2
9340127	112D	< 0.3
9340128	125	0.9
9340129	123	1.4
9340130	120	1.6
9340131	123	1.2
9340132	121	1.4
9340133	123A	1.2
9340134	122A	1.8
9340135	122A	< 0.3
9340136	122	1.8
9340137	124A	2.3
9340138	122A	2.1
9340139	G07	0.5
9340140	121A	1.5
9340141	G16	< 0.3
9340142	124	2.5
9340143	126A	2.1
9340144	126	1.6
9340145	G12	0.8
9340146	G12	< 0.3
9340147	G16	< 0.3
9340148	G12A	0.5
9340149	G17A	< 0.3
9340150	G17	0.6

9340151	G16A	< 0.3
9340152	G17	0.5
9340153	G17	0.6
9340154	G18	< 0.3
9340155	213C	0.6
9340156	135	0.9
9340157	234	< 0.3
9340158	202	< 0.3
9340159	203	0.6
9340160	200	< 0.3
9340161	200	< 0.3
9340162	200	0.6
9340163	300	0.5
9340280	140B	1.2
9340282	140C	0.7
9340283	100E	1.1
9340284	100D	0.9
9340285	144	< 0.3
9340286	100B	1.8
9340287	100C	1.6
9340288	100H	0.7
9340289	100H	0.8
9340290	104	0.6
9340291	104A	< 0.3
9340292	140	0.8
9340293	100M	0.9
9340294	142A	0.7
9340295	143	< 0.3
9340296	140A	0.9
9340297	142	0.7
9340298	100G	1.5
9340299	100A	1.1
9340300	100	< 0.3
9341391	OFFICE BLANK	< 0.3

Table 2- Radon Testing Results			
Thomas Edison High School			
Test Period: 12/16/2019-12/19/2019			
Kit Number	QC Type	Room / Area	Result
9340288	D	100H	0.7
9340103	D	144	<0.3
9340101	FB	144	<0.3
9340105	D	107	<0.3
9340118	D	109F	1
9340129	D	123	1.4
9340138	D	122A	2.1
9340135	FB	122A	<0.3
9340150	D	G17	0.6
9340160	D	200	<0.3
9340161	FB	200	<0.3
9341377	TRANSIT BLANK	NA	0.5
9341379	TRANSIT BLANK	NA	< 0.3
9341380	TRANSIT BLANK	NA	< 0.3
9341398	TRANSIT BLANK	NA	< 0.3

Summary of Missed Locations		
Thomas Edison High School of Technology		
Test Period: 12/17/2019 - 12/20/2019		
Kit Number	Room/Area	Result
	NA	

Summary of Missing, Compromised and >/= 4 piC/L Tests		
Thomas Edison High School of Technology		
Test Period: 12/17/2019-12/20/2019		
Kit Number	Room/Area	Result
	NA	

Table Note:

* Missing or Compromised Sample

ATTACHMENT C

Laboratory Analytical Results

December 24, 2019 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
THOMAS EDISON HS OF TE2
748

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9340300	100	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340299	100A	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.1 ± 0.4	2019-12-24
9340286	100B	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.8 ± 0.4	2019-12-24
9340287	100C	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.6 ± 0.4	2019-12-24
9340284	100D	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	0.9 ± 0.4	2019-12-24
9340283	100E	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.1 ± 0.4	2019-12-24
9340298	100G	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	1.5 ± 0.4	2019-12-24
9340288	100H	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340289	100H	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.8 ± 0.4	2019-12-24
9340293	100M	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	0.9 ± 0.4	2019-12-24
9340110	101	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340112	101A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340106	101B	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.6 ± 0.4	2019-12-24
9340290	104	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	0.6 ± 0.4	2019-12-24
9340291	104A	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340111	106	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.5 ± 0.4	2019-12-24
9340104	130	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340292	140	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.8 ± 0.4	2019-12-24
9340296	140A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.9 ± 0.4	2019-12-24
9340280	140B	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	1.2 ± 0.4	2019-12-24
9340282	140C	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340297	142	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340294	142A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340295	143	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340285	144	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340103	144	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340101	144	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340102	144A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24

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

December 24, 2019 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

THOMAS EDISON HS OF TECHNOLOGY
748

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9340109	105	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340105	107	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340113	107	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340108	107A	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	0.6 ± 0.3	2019-12-24
9340107	107B	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340114	107C	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340121	107D	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	0.6 ± 0.4	2019-12-24
9340119	107E	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340123	109A	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340125	109B	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.8 ± 0.4	2019-12-24
9340117	109D	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.7 ± 0.4	2019-12-24
9340120	109E	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.3	2019-12-24
9340116	109F	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340122	109F	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.9 ± 0.4	2019-12-24
9340118	109F	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.0 ± 0.4	2019-12-24
9340115	109G	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340127	112D	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340126	120	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.2 ± 0.4	2019-12-24
9340130	120	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.6 ± 0.4	2019-12-24
9340132	121	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.4 ± 0.4	2019-12-24
9340140	121A	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.5 ± 0.4	2019-12-24
9340136	122	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	1.8 ± 0.4	2019-12-24
9340134	122A	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	1.8 ± 0.4	2019-12-24
9340135	122A	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340138	122A	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	2.1 ± 0.4	2019-12-24
9340131	123	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.2 ± 0.4	2019-12-24
9340129	123	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.4 ± 0.4	2019-12-24
9340133	123A	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.2 ± 0.4	2019-12-24
9340142	124	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	2.5 ± 0.4	2019-12-24
9340137	124A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	2.3 ± 0.4	2019-12-24
9340128	125	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.9 ± 0.4	2019-12-24
9340124	125A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.9 ± 0.4	2019-12-24
9340144	126	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	1.6 ± 0.4	2019-12-24
9340143	126A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	2.1 ± 0.4	2019-12-24
9340156	135	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	0.9 ± 0.4	2019-12-24
9340161	200	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340162	200	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	0.6 ± 0.4	2019-12-24

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

December 24, 2019 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
THOMAS EDISON HS OF TECHNOLOGY
748

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9340160	200	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340158	202	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340159	203	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340155	213C	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340157	234	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340163	300	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	0.5 ± 0.3	2019-12-24
9340139	G07	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340146	G12	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340145	G12	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.8 ± 0.4	2019-12-24
9340148	G12A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340141	G16	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340147	G16	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340151	G16A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340153	G17	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340152	G17	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340150	G17	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340149	G17A	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340154	G18	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24

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KCI TECHNOLOGIES
ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS
936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

MCPS RADON TESTING - EXECUTIVE SUMMARY

Site Name	Thomas Edison High School of Technology
Date of Report	2/3/2020
Round of Testing	Initial Follow-up Post Remediation 2 year testing 5 year testing HVAC Upgrade Window Replacement New Addition **New Facility**
# of Rooms Tested	67
# Rooms ≥4.0 pCi/L	0
Lowest Value	<0.3 pCi/L
Highest Value	2.5 pCi/L

Project Status

Current Project Status at this time: Testing Complete; no further action.

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2/3/2020

Mr. Richard Cox, MS
Environmental Team Leader
Montgomery County Public Schools
Division of Maintenance
Gaithersburg, Maryland 20879

Re: Radon Testing Services

KCI Job #12146341126

Location: Thomas Edison High School of Technology
12501 Dalewood Drive
Silver Spring, Maryland 20906

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to Montgomery County Public Schools pursuant to completing a "short-term" 3-day radon test for the Thomas Edison High School of Technology, located at 12501 Dalewood Drive in Silver Spring, Maryland 20906 (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 Provider (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/departments/facilities/maintenance/default.aspx?id=458858 or www.epa.gov/radon.

KCI visited the site on 12/17/2019 and deployed eighty-three (83) 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 Appendix 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 sixty (60) test kits to Bowser-Morner, Inc. as spike samples. The spiked tests were exposed to a known radon concentration by Bowser-Morner, Inc. prior to being returned to the laboratory for analysis.

KCI returned to the site on 12/20/2019 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Aircheck, Inc. for analysis by gamma-ray spectroscopy. Aircheck, Inc. is a National Radon Safety Board (NRSB) radon measurement provider and is a 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:

- 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 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.

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 lower-20s and high temperatures were in the lower-40s. Maximum sustained winds ranged from 12-26 miles per hour. Average humidity was around 67%. 0.54 inches of precipitation (rain and snow) was recorded during the 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 piC/L	None	N/A
≤4.0 piC/L	See Attachment B	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 410-316-7800.

Sincerely,

Mr. Tyler P. McCleaf
Radon Measurement Provider
111004 RT

KCI Technologies, Inc.

Attachments:

A- Floor Plan with Test Locations

B - Tables 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 Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

QC- Quality Control

Table 1- Radon Testing Results		
Thomas Edison High School		
Test Period: 12/16/2019-12/19/2019		
Kit Number	Room / Area	Result
9340101	144	< 0.3
9340102	144A	< 0.3
9340103	144	< 0.3
9340104	130	< 0.3
9340105	107	< 0.3
9340106	101B	0.6
9340107	107B	< 0.3
9340108	107A	0.6
9340109	105	< 0.3
9340110	101	< 0.3
9340111	106	0.5
9340112	101A	< 0.3
9340113	107	< 0.3
9340114	107C	< 0.3
9340115	109G	< 0.3
9340116	109F	< 0.3
9340117	109D	0.7
9340118	109F	1
9340119	107E	< 0.3
9340120	109E	0.6
9340121	107D	0.6
9340122	109F	0.9
9340123	109A	0.5
9340124	125A	0.9
9340125	109B	0.8
9340126	120	1.2
9340127	112D	< 0.3
9340128	125	0.9
9340129	123	1.4
9340130	120	1.6
9340131	123	1.2
9340132	121	1.4
9340133	123A	1.2
9340134	122A	1.8
9340135	122A	< 0.3
9340136	122	1.8
9340137	124A	2.3
9340138	122A	2.1
9340139	G07	0.5
9340140	121A	1.5
9340141	G16	< 0.3
9340142	124	2.5
9340143	126A	2.1
9340144	126	1.6
9340145	G12	0.8
9340146	G12	< 0.3
9340147	G16	< 0.3
9340148	G12A	0.5
9340149	G17A	< 0.3
9340150	G17	0.6

9340151	G16A	< 0.3
9340152	G17	0.5
9340153	G17	0.6
9340154	G18	< 0.3
9340155	213C	0.6
9340156	135	0.9
9340157	234	< 0.3
9340158	202	< 0.3
9340159	203	0.6
9340160	200	< 0.3
9340161	200	< 0.3
9340162	200	0.6
9340163	300	0.5
9340280	140B	1.2
9340282	140C	0.7
9340283	100E	1.1
9340284	100D	0.9
9340285	144	< 0.3
9340286	100B	1.8
9340287	100C	1.6
9340288	100H	0.7
9340289	100H	0.8
9340290	104	0.6
9340291	104A	< 0.3
9340292	140	0.8
9340293	100M	0.9
9340294	142A	0.7
9340295	143	< 0.3
9340296	140A	0.9
9340297	142	0.7
9340298	100G	1.5
9340299	100A	1.1
9340300	100	< 0.3
9341391	OFFICE BLANK	< 0.3

Table 2- Radon Testing Results			
Thomas Edison High School			
Test Period: 12/16/2019-12/19/2019			
Kit Number	QC Type	Room / Area	Result
9340288	D	100H	0.7
9340103	D	144	<0.3
9340101	FB	144	<0.3
9340105	D	107	<0.3
9340118	D	109F	1
9340129	D	123	1.4
9340138	D	122A	2.1
9340135	FB	122A	<0.3
9340150	D	G17	0.6
9340160	D	200	<0.3
9340161	FB	200	<0.3
9341377	TRANSIT BLANK	NA	0.5
9341379	TRANSIT BLANK	NA	< 0.3
9341380	TRANSIT BLANK	NA	< 0.3
9341398	TRANSIT BLANK	NA	< 0.3

Summary of Missed Locations		
Thomas Edison High School of Technology		
Test Period: 12/17/2019 - 12/20/2019		
Kit Number	Room/Area	Result
	NA	

Summary of Missing, Compromised and >/= 4 piC/L Tests		
Thomas Edison High School of Technology		
Test Period: 12/17/2019-12/20/2019		
Kit Number	Room/Area	Result
	NA	

Table Note:
* Missing or Compromised Sample

ATTACHMENT C

Laboratory Analytical Results

December 24, 2019 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
THOMAS EDISON HS OF TE2
748

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9340300	100	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340299	100A	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.1 ± 0.4	2019-12-24
9340286	100B	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.8 ± 0.4	2019-12-24
9340287	100C	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.6 ± 0.4	2019-12-24
9340284	100D	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	0.9 ± 0.4	2019-12-24
9340283	100E	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	1.1 ± 0.4	2019-12-24
9340298	100G	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	1.5 ± 0.4	2019-12-24
9340288	100H	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340289	100H	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.8 ± 0.4	2019-12-24
9340293	100M	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	0.9 ± 0.4	2019-12-24
9340110	101	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340112	101A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340106	101B	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.6 ± 0.4	2019-12-24
9340290	104	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	0.6 ± 0.4	2019-12-24
9340291	104A	2019-12-17 @ 11:00 am	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340111	106	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.5 ± 0.4	2019-12-24
9340104	130	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340292	140	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.8 ± 0.4	2019-12-24
9340296	140A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.9 ± 0.4	2019-12-24
9340280	140B	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	1.2 ± 0.4	2019-12-24
9340282	140C	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340297	142	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340294	142A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	0.7 ± 0.4	2019-12-24
9340295	143	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340285	144	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340103	144	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340101	144	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340102	144A	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24

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

December 24, 2019 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

THOMAS EDISON HS OF TECHNOLOGY
748

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9340109	105	2019-12-17 @ 12:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340105	107	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340113	107	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340108	107A	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	0.6 ± 0.3	2019-12-24
9340107	107B	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340114	107C	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340121	107D	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	0.6 ± 0.4	2019-12-24
9340119	107E	2019-12-17 @ 1:00 pm	2019-12-20 @ 10:00 am	< 0.3	2019-12-24
9340123	109A	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340125	109B	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.8 ± 0.4	2019-12-24
9340117	109D	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.7 ± 0.4	2019-12-24
9340120	109E	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.3	2019-12-24
9340116	109F	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340122	109F	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	0.9 ± 0.4	2019-12-24
9340118	109F	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.0 ± 0.4	2019-12-24
9340115	109G	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340127	112D	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340126	120	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.2 ± 0.4	2019-12-24
9340130	120	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.6 ± 0.4	2019-12-24
9340132	121	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.4 ± 0.4	2019-12-24
9340140	121A	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.5 ± 0.4	2019-12-24
9340136	122	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	1.8 ± 0.4	2019-12-24
9340134	122A	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	1.8 ± 0.4	2019-12-24
9340135	122A	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340138	122A	2019-12-17 @ 2:00 pm	2019-12-20 @ 12:00 pm	2.1 ± 0.4	2019-12-24
9340131	123	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.2 ± 0.4	2019-12-24
9340129	123	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.4 ± 0.4	2019-12-24
9340133	123A	2019-12-17 @ 1:00 pm	2019-12-20 @ 11:00 am	1.2 ± 0.4	2019-12-24
9340142	124	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	2.5 ± 0.4	2019-12-24
9340137	124A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	2.3 ± 0.4	2019-12-24
9340128	125	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.9 ± 0.4	2019-12-24
9340124	125A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.9 ± 0.4	2019-12-24
9340144	126	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	1.6 ± 0.4	2019-12-24
9340143	126A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	2.1 ± 0.4	2019-12-24
9340156	135	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	0.9 ± 0.4	2019-12-24
9340161	200	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340162	200	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	0.6 ± 0.4	2019-12-24

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December 24, 2019 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
THOMAS EDISON HS OF TECHNOLOGY
748

Kit #	Room Id	Started	Ended	pCi/L	Analyzed
9340160	200	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340158	202	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340159	203	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340155	213C	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340157	234	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	< 0.3	2019-12-24
9340163	300	2019-12-17 @ 3:00 pm	2019-12-20 @ 12:00 pm	0.5 ± 0.3	2019-12-24
9340139	G07	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340146	G12	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340145	G12	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.8 ± 0.4	2019-12-24
9340148	G12A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340141	G16	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340147	G16	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340151	G16A	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340153	G17	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340152	G17	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.5 ± 0.4	2019-12-24
9340150	G17	2019-12-17 @ 2:00 pm	2019-12-20 @ 11:00 am	0.6 ± 0.4	2019-12-24
9340149	G17A	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24
9340154	G18	2019-12-17 @ 3:00 pm	2019-12-20 @ 11:00 am	< 0.3	2019-12-24

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