

Instructions: Submit one testing report form per-facility per-round of testing. 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.

School Year: **23-24**

| | |
|-----------|------------------------------|
| Facility: | Sherwood Elementary School |
| Address: | 1401 Olney-Sandy Spring Road |
| | Sandy Spring, MD 20860 |

| | |
|--------------------------------|---|
| Reason for Testing: | <input checked="" type="checkbox"/> Scheduled Re-Testing (2 or 5-year schedule) <input type="checkbox"/> Clearance Testing (Post-Mitigation) <input type="checkbox"/> System(s) Performance Testing (Post-Mitigation) <input type="checkbox"/> New Construction/Facility |
| Facility Current Radon Status: | <input type="checkbox"/> Active Mitigation (2-year regular schedule) <input checked="" type="checkbox"/> No Active Mitigation (5-year regular schedule) <input type="checkbox"/> Not Previously Tested |
| Round of Testing: | <input checked="" type="checkbox"/> Initial Testing -or- <input type="checkbox"/> Follow-up Testing |
| Testing Status: | <input checked="" type="checkbox"/> No Further Testing Needed -or- <input type="checkbox"/> Follow-Up Testing Required |

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

| Mitigation - | Facility Radon Status: |
|---|--|
| <input checked="" type="checkbox"/> Not Required or Considered <input type="checkbox"/> Required (>8.0 -pCi/L) <input type="checkbox"/> Required (≥ 4.0 -pCi/L) <input type="checkbox"/> Consider (≥ 2.0 & <4.0 -pCi/L) | <input checked="" type="checkbox"/> No Change in Status <input type="checkbox"/> Active Mitigation (2-year regular schedule) <input type="checkbox"/> No Active Mitigation (5-year regular schedule) |

Detector and Deployment

| | | | | |
|--|---|---|---|--------------------------------|
| Detector/Device Type: | <input checked="" type="checkbox"/> Passive | <input checked="" type="checkbox"/> Charcoal Absorption (CAD) | <input type="checkbox"/> Alpha Track (ATD) | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Continuous | <input type="checkbox"/> Electret ion Chamber (EIC) | <input type="checkbox"/> Electronic Integration (EID) | |
| <i>Other—Specify here:</i> | | | | |
| Detector/Device Name: | Air Chek – Radon Test Kits | | | |
| Manufacturer: | Radon Lab | | | |
| Person(s) Deploying or Retrieving Test Devices and certification number | | | Organization/Company | |
| Tyler McCleaf | | | KCI Technologies, Inc. | |
| | | | | |
| | | | | |
| <i>If noncertified individuals, the qualified measurement professional providing oversight -</i> | | | | |
| Tyler McCleaf, CSP – Cert. #111004-RMP | | | KCI Technologies, Inc. | |

Testing

| | | | | |
|---|------------------------|---|--|---|
| <input checked="" type="checkbox"/> Short-Term | Length of Test (days): | 3 | Date of Deployment and Retrieval (mm/dd/yy): | 02/05/2024 |
| <input type="checkbox"/> Long-Term | | | | 02/08/2024 |
| Does the test period include weekends, school breaks or holidays? | | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <i>If “Yes” please explain/detail in the space below:</i> | | | | |
| | | | | |
| Was HVAC operating under occupied conditions? | | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>If “No” please explain/detail in the space below:</i> | | | | |
| | | | | |

Testing (continued)

| | Detectors Deployed | | |
|-----------------------------|--------------------|----------------|-------|
| | Ground-Contact | Upper-Level(s) | Total |
| Test Locations ¹ | 60 | 1 | 61 |
| Duplicates ² | 5 | 0 | 5 |
| Field Blanks ³ | 3 | 0 | 3 |
| Grand Total | | | 69 |

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.

| | | | | | |
|----------------------------|---|----------------------------|---|--------------------------------|---|
| Spike Samples ¹ | 6 | Trip Blank(s) ² | 1 | Office Blank(s) ^{3,4} | 1 |
|----------------------------|---|----------------------------|---|--------------------------------|---|

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.

| | |
|--|---|
| Spike Sample Lab Results. Measured values are satisfactory, i.e., within ± 25% of the chamber's reference value. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Quality Control measurements comply with QA/QC requirements in the QA plan previously submitted? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

Quality Assurance / Quality Control (QA/QC) (continued)

If “No” to either, please describe any QC measurements that were missing or outside of control tolerances established in the QAP here:

Summary of Test Results¹ and Determination of Valid Measurements²

| | Ground-Contact | Upper-Level(s) | Total |
|--|-----------------------|-----------------------|--------------|
| Number of test locations: | 60 | 1 | 61 |
| Number of locations ≥ 8.0 -pCi/L: | 0 | 0 | 0 |
| Number of locations ≥ 4.0 and ≤ 8 -pCi/L: | 0 | 0 | 0 |
| Number of locations ≥ 2.7 and ≤ 4 -pCi/L: | 0 | 0 | 0 |
| Number of locations ≥ 2.0 and ≤ 4 -pCi/L: | 0 | 0 | 0 |
| Number of missing required test locations ³ : | 0 | 0 | 0 |
| Percentage of missing test locations for the facility ^{4,5} : | 0 | 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 $\leq 33\%$. 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 $\leq 25\%$ 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 Results¹ and Determination of Valid Measurements² (continued)

| | |
|---|---|
| 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? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>If Yes to both above – then Testing Status – ‘No Further Testing Needed’ mark ‘NA’ below and complete Conclusions section</i> | |
| If No to either above , were all results obtained under 4.0-pCi/L and were there sufficient valid measurements obtained? ^{1,2} <i>If Yes – then Testing Status - ‘No Further Testing Needed’ complete Conclusion section</i> <i>If No, then Testing Status - ‘Follow-up Testing Required’ continue below</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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.

- **If ‘No Further Testing Needed’** complete conclusions section on first page.
- **If ‘Follow-up Testing Required’** – complete Follow-up Testing described below and the conclusion section on the first page for only the valid measurements/results obtained

Follow-Up Testing (if required)

Required if –

- 1- Not enough valid results were obtained from a facility (table above);
- 2- Any results ≥ 4.0 – pCi/L; and
- 3- At the discretion of MCPS IAQ Staff

Follow-up Testing:

- 1- If an insufficient number of valid measurements obtained during initial round:
 - return to facility to test locations that require valid measurements
- 2- Follow-up Testing for valid measurements ≥ 4.0-pCi/L

| Initial Result(s) | Procedure | Follow-up Result | Conclusion |
|-------------------|---|------------------|----------------------------|
| ≥ 4.0-pCi/L | 1- Short-term follow-up test 2- Average the results of the two tests | ≥4.0 | Mitigation Required |
| | | <4.0 but >2.0 | Consider Mitigation |
| | | <2.0 | Not Required or Considered |

- **Complete second School/Facility Radon Testing Report Form for only Follow-up Testing locations.**

Attachment 1:
Summary Data Tables

| Table 1- Radon Testing Results | | |
|---|-------------|--------|
| Sherwood Elementary School | | |
| Test Period: 02/05/2024 - 02/08/2024 | | |
| Kit Number | Room / Area | Result |
| 11469491 | 103 | 0.6 |
| 11469481 | 105 | < 0.3 |
| 11469499 | 105 | 0.5 |
| 11469500 | 107 | < 0.3 |
| 11469496 | 109 | < 0.3 |
| 11469325 | 116 | 0.7 |
| 11469329 | 116 | < 0.3 |
| 11469323 | 118 | < 0.3 |
| 11469318 | 129 | < 0.3 |
| 11469490 | 129 | < 0.3 |
| 11469489 | 130 | 0.5 |
| 11469320 | 131 | 0.6 |
| 11469322 | 132 | < 0.3 |
| 11469326 | 133 | < 0.3 |
| 11469336 | 134 | < 0.3 |
| 11469339 | 135 | < 0.3 |
| 11469340 | 136 | < 0.3 |
| 11469343 | 138 | < 0.3 |
| 11469345 | 138 | < 0.3 |
| 11469346 | 139 | < 0.3 |
| 11469359 | 140 | < 0.3 |
| 11469332 | 141 | < 0.3 |
| 11469328 | 142 | < 0.3 |
| 11469337 | 142 | < 0.3 |
| 11469364 | 144 | < 0.3 |
| 11469365 | 144 | < 0.3 |
| 11469368 | 145 | < 0.3 |
| 11469369 | 145 | < 0.3 |
| 11469367 | 146 | < 0.3 |
| 11469366 | 147 | < 0.3 |
| 11469333 | 148 | < 0.3 |
| 11469341 | 155 | < 0.3 |
| 11469342 | 156 | < 0.3 |
| 11469344 | 158 | < 0.3 |
| 11469347 | 159 | < 0.3 |
| 11469348 | 159 | < 0.3 |
| 11469351 | 160 | < 0.3 |
| 11469349 | 161 | < 0.3 |

| Table 1- Radon Testing Results | | |
|---|--------------|--------|
| Sherwood Elementary School | | |
| Test Period: 02/05/2024 - 02/08/2024 | | |
| Kit Number | Room / Area | Result |
| 11469350 | 167 | 0.6 |
| 11469353 | 168 | 0.5 |
| 11469352 | 169 | < 0.3 |
| 11469354 | 169 | < 0.3 |
| 11469355 | 171 | < 0.3 |
| 11469356 | 172 | < 0.3 |
| 11469357 | 173 | < 0.3 |
| 11469358 | 174 | < 0.3 |
| 11469362 | 175 | 0.6 |
| 11469361 | 177 | < 0.3 |
| 11469360 | 208 | 0.5 |
| 11469363 | 140A | < 0.3 |
| 11469331 | 149B | < 0.3 |
| 11469324 | APR | 0.7 |
| 11469327 | APR | < 0.3 |
| 11469488 | ASP | < 0.3 |
| 11469321 | CAFE OFFICE | 0.7 |
| 11469485 | CONFERENCE | < 0.3 |
| 11469497 | GYM | < 0.3 |
| 11469498 | GYM | 0.7 |
| 11469319 | GYM OFFICE | < 0.3 |
| 11469495 | MAIN OFFICE | < 0.3 |
| 11469330 | MEDIA | < 0.3 |
| 11469335 | MEDIA | < 0.3 |
| 11469494 | NURSE | < 0.3 |
| 11469493 | NURSE OFFICE | < 0.3 |
| 11469492 | PRINCIPAL | < 0.3 |
| 11469334 | SENSORY | < 0.3 |
| 11469486 | STAFF LOUNGE | < 0.3 |
| 11469338 | TV | < 0.3 |
| 11469487 | WORKROOM | < 0.3 |

| Table 3 - QC Radon Testing Results | | | |
|---|----------------|--------------------|---------------|
| Sherwood Elementary School | | | |
| Test Period: 02/05/2024 - 02/08/2024 | | | |
| Kit Number | QC Type | Room / Area | Result |
| 11469499 | D | 105 | 0.5 |
| 11469325 | FB | 116 | 0.7 |
| 11469490 | D | 129 | <0.3 |
| 11469343 | FB | 138 | <0.3 |
| 11469328 | D | 142 | <0.3 |
| 11469369 | FB | 145 | <0.3 |
| 11469348 | D | 159 | <0.3 |
| 11469352 | D | 169 | <0.3 |
| 11470089 | OB | OFFICE BLANK | < 0.3 |
| 11470096 | TB | TRAVEL BLANK | < 0.3 |

Attachment 2:
Laboratory Reports

Radon test result report for:
SHERWOOD ES
MAIN

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|----------|---------|-----------------------|-----------------------|-----------|------------|
| 11469491 | 103 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.6 ± 0.3 | 2024-02-12 |
| 11469481 | 105 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469499 | 105 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.5 ± 0.3 | 2024-02-12 |
| 11469500 | 107 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469496 | 109 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469325 | 116 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.7 ± 0.3 | 2024-02-12 |
| 11469329 | 116 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469323 | 118 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469490 | 129 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469318 | 129 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469489 | 130 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.5 ± 0.3 | 2024-02-12 |
| 11469320 | 131 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.6 ± 0.3 | 2024-02-12 |
| 11469322 | 132 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469326 | 133 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469336 | 134 | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469339 | 135 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469340 | 136 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469345 | 138 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469343 | 138 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469346 | 139 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469359 | 140 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469363 | 140A | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469332 | 141 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469328 | 142 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469337 | 142 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469365 | 144 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469364 | 144 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469369 | 145 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469368 | 145 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469367 | 146 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469366 | 147 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469333 | 148 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469331 | 149B | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469341 | 155 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469342 | 156 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469344 | 158 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469348 | 159 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |

Radon test result report for:
SHERWOOD ES
MAIN

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|----------|--------------|-----------------------|-----------------------|-----------|------------|
| 11469347 | 159 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469351 | 160 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469349 | 161 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469350 | 167 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | 0.6 ± 0.3 | 2024-02-12 |
| 11469353 | 168 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | 0.5 ± 0.3 | 2024-02-12 |
| 11469354 | 169 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469352 | 169 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469355 | 171 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469356 | 172 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469357 | 173 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469358 | 174 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469362 | 175 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | 0.6 ± 0.3 | 2024-02-12 |
| 11469361 | 177 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469360 | 208 | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | 0.5 ± 0.3 | 2024-02-12 |
| 11469324 | APR | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.7 ± 0.3 | 2024-02-12 |
| 11469327 | APR | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469488 | ASP | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469321 | CAFE OFFICE | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.7 ± 0.3 | 2024-02-12 |
| 11469485 | CONFERENCE | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469497 | GYM | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469498 | GYM | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | 0.7 ± 0.4 | 2024-02-12 |
| 11469319 | GYM OFFICE | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469495 | MAIN OFFICE | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469335 | MEDIA | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469330 | MEDIA | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469494 | NURSE | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469493 | NURSE OFFICE | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469492 | PRINCIPAL | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469334 | SENSORY | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469486 | STAFF LOUNGE | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469338 | TV | 2024-02-05 @ 1:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11469487 | WORKROOM | 2024-02-05 @ 12:00 pm | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |

February 13, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

**KCI
MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|--------------|----------------|----------------------|-----------------------|--------------|-----------------|
| 11470089 | OB | 2024-02-05 @ 8:00 am | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11478304 | OB | 2024-02-06 @ 8:00 am | 2024-02-09 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11470096 | TB | 2024-02-05 @ 8:00 am | 2024-02-08 @ 12:00 pm | < 0.3 | 2024-02-12 |
| 11478309 | TB | 2024-02-06 @ 8:00 am | 2024-02-09 @ 12:00 pm | < 0.3 | 2024-02-12 |

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

January 29, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
STORAGE
KCI

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|--------------|----------------|----------------------|----------------------|--------------|-----------------|
| 11635097 | Storage | 2024-01-07 @ 9:00 am | 2024-01-11 @ 9:00 am | < 0.3 | 2024-01-15 |

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 213819

NOMINAL Conditions: Radon Conc 50.0 pCi/L Rel. Hum 28.9 % Temp. 69.1 F

Date Start: 2/23/24 Date Stop: 2/26/24 Date Start: _____ Date Stop: _____

Time Start: 0812 Time Stop: 0812 Time Start: _____ Time Stop: _____

Device No.'s: (6) CHAR BAGS Device No.'s: _____

11478400, 11477842, 11477845, _____

11477852, 11477996, 11477999 _____

E3 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 μ R/h Elevation = 820 ft

March 1, 2024

**** LABORATORY ANALYSIS REPORT ****

Radon test result report for:

FEB SK

MAIN

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|--------------|----------------|----------------------|----------------------|--------------|-----------------|
| 11477842 | NA | 2024-02-23 @ 8:00 am | 2024-02-26 @ 8:00 am | 50.3 ± 4.0 | 2024-03-01 |
| 11477845 | NA | 2024-02-23 @ 8:00 am | 2024-02-26 @ 8:00 am | 55.3 ± 4.4 | 2024-03-01 |
| 11477852 | NA | 2024-02-23 @ 8:00 am | 2024-02-26 @ 8:00 am | 49.4 ± 4.0 | 2024-03-01 |
| 11477996 | NA | 2024-02-23 @ 8:00 am | 2024-02-26 @ 8:00 am | 49.8 ± 4.0 | 2024-03-01 |
| 11477999 | NA | 2024-02-23 @ 8:00 am | 2024-02-26 @ 8:00 am | 55.4 ± 4.4 | 2024-03-01 |
| 11478400 | NA | 2024-02-23 @ 8:00 am | 2024-02-26 @ 8:00 am | 47.0 ± 3.8 | 2024-03-01 |

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



Radon Test Kit Chain of Custody

Project Name: MCPS Radon – Testing February 5th to February 8th 2024

Name of Schools:

- 1. Cedar Grove ES
- 2. College Gardens ES
- 3. Lois P. Rockwell ES
- 4. Clarksburg HS
- 5. Bayard Rustin ES
- 6. Sequoyah ES
- 7. Sherwood ES
- 8. Carver Educational Center

| | Date | Initials |
|----------------------------------|------------|-----------|
| Radon Test Kits Deployed | 02/05/2024 | <i>DM</i> |
| Radon Test Kits Collected | 02/08/2024 | <i>DM</i> |
| Radon Test Kits Shipped to Lab* | 02/08/2024 | <i>DM</i> |
| Radon Test Kits Received by Lab* | 02/12/2024 | <i>DM</i> |

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

Attachment 3:
Sampling Location Map



MCPS RADON TESTING – EXECUTIVE SUMMARY

| | |
|---------------------|--|
| Site Name | Sherwood Elementary 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 | 59 |
| # Rooms ≥ 4.0 pCi/L | 0 |
| Lowest Value | <0.3 pCi/L |
| Highest Value | 1.6 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: Sherwood ES
1401 Olney-Sandy Spring Rd.
Sandy Spring, MD 20860

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 Sherwood ES, located at 1401 Olney-Sandy Spring Rd. Sandy Spring, MD 20860 (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.

KCI visited the site on February 8, 2022 and deployed sixty seven (67) activated charcoal (AC) radon test kits. KCI deployed radon test kits in all frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance.

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

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

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

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

Evaluation of Testing Conditions:

These tests represent:

- Follow-up to initial testing.

These tests were conducted to:

- Evaluate radon concentration levels at the facility.

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

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

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

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

Results:

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

The results of the radon test analysis indicated the following:

| 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 | | |
|-------------------------------------|-------------|--------|
| Sherwood ES | | |
| Test Period: 02/8/2022 - 02/11/2022 | | |
| Kit Number | Room / Area | Result |
| 11115317 | 100 | 0.9 |
| 11115310 | 102 | 0.9 |
| 11115312 | 102 | 0.7 |
| 11115311 | 105 | 0.8 |
| 11115335 | 107 | 1.1 |
| 11115332 | 109 | 0.9 |
| 11115305 | 116 | 1.4 |
| 11115324 | 117 | 0.9 |
| 11115331 | 117 | 1.6 |
| 11115333 | 117 | < 0.3 |
| 11115334 | 117 | 0.8 |
| 11115323 | 118 | 0.8 |
| 11115306 | 119 | < 0.3 |
| 11115313 | 119 | 1.3 |
| 11115326 | 120 | 1.5 |
| 11115342 | 129 | 0.6 |
| 11115341 | 130 | 0.8 |
| 11115340 | 131 | 1.2 |
| 11115349 | 132 | 0.6 |
| 11115321 | 133 | 0.7 |
| 11115336 | 133 | 1.5 |
| 11115327 | 134 | 0.9 |
| 11115339 | 135 | 0.6 |
| 11115350 | 135 | < 0.3 |
| 11115329 | 136 | 0.7 |
| 11115347 | 138 | 0.9 |
| 11115348 | 139 | 1.1 |
| 11115362 | 140 | 1.6 |
| 11115301 | 142 | 0.8 |
| 11115352 | 144 | < 0.3 |
| 11115353 | 144 | 0.9 |
| 11115359 | 144 | < 0.3 |
| 11115367 | 145 | 1.3 |
| 11115360 | 146 | 0.6 |
| 11115303 | 147 | 0.5 |
| 11115302 | 148 | 0.9 |
| 11115330 | 149 | 1.1 |
| 11115328 | 155 | 0.9 |
| 11115320 | 156 | 0.7 |
| 11115338 | 158 | < 0.3 |
| 11115357 | 158 | 1.1 |
| 11115358 | 158 | 0.6 |

| Table 1- Radon Testing Results | | |
|-------------------------------------|-------------|--------|
| Sherwood ES | | |
| Test Period: 02/8/2022 - 02/11/2022 | | |
| Kit Number | Room / Area | Result |
| 11115337 | 159 | 1.0 |
| 11115344 | 160 | < 0.3 |
| 11115351 | 161 | 0.8 |
| 11115343 | 167 | 1.1 |
| 11115345 | 168 | 0.9 |
| 11115304 | 169 | 0.7 |
| 11115366 | 171 | 1.1 |
| 11115346 | 172 | 0.6 |
| 11115363 | 172 | 1.0 |
| 11115365 | 173 | 1.3 |
| 11115364 | 174 | 0.7 |
| 11115355 | 175 | 0.6 |
| 11115354 | 177 | 0.7 |
| 11115373 | 214 | 1.0 |
| 11115319 | 100A | 0.6 |
| 11115318 | 100B | 0.6 |
| 11115308 | 100C | 0.9 |
| 11115316 | 100E | 0.8 |
| 11115309 | 100H | 0.9 |
| 11115315 | 100H1 | 0.7 |
| 11115325 | 100H2 | 1.0 |
| 11115322 | 113C | 1.3 |
| 11115314 | 119D | 1.5 |
| 11115356 | 140A | 0.9 |
| 11115361 | 149A | < 0.3 |

| Table 2- Radon Testing Results | | | |
|-------------------------------------|---------|--------------|--------|
| Sherwood ES | | | |
| Test Period: 02/8/2022 - 02/11/2022 | | | |
| Kit Number | QC Type | Room / Area | Result |
| 11115312 | D | 102 | 0.7 |
| 11115334 | D | 117 | 0.8 |
| 11115333 | FB | 117 | < 0.3 |
| 11115321 | D | 133 | 0.7 |
| 11115358 | D | 158 | 0.6 |
| 11115338 | FB | 158 | < 0.3 |
| 11115356 | D | 172 | 0.9 |
| 11115353 | D | 144 | 0.9 |
| 11115359 | FB | 144 | < 0.3 |
| 11113478 | OB | OFFICE BLANK | < 0.3 |
| 11113477 | TB | TRAVEL BLANK | < 0.3 |

ATTACHMENT C

Laboratory Analytical Results

Radon test result report for:

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|----------|---------|-----------------------|-----------------------|-----------|------------|
| 11115317 | 100 | 2022-02-08 @ 11:00 am | 2022-02-11 @ 9:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115319 | 100A | 2022-02-08 @ 11:00 am | 2022-02-11 @ 9:00 am | 0.6 ± 0.3 | 2022-02-14 |
| 11115318 | 100B | 2022-02-08 @ 11:00 am | 2022-02-11 @ 9:00 am | 0.6 ± 0.3 | 2022-02-14 |
| 11115308 | 100C | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115316 | 100E | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.8 ± 0.3 | 2022-02-14 |
| 11115309 | 100H | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115315 | 100H1 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | 0.7 ± 0.3 | 2022-02-15 |
| 11115325 | 100H2 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | 1.0 ± 0.3 | 2022-02-14 |
| 11115312 | 102 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.7 ± 0.3 | 2022-02-14 |
| 11115310 | 102 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115311 | 105 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.8 ± 0.3 | 2022-02-14 |
| 11115335 | 107 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | 1.1 ± 0.3 | 2022-02-14 |
| 11115332 | 109 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115322 | 113C | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.3 ± 0.3 | 2022-02-15 |
| 11115305 | 116 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | 1.4 ± 0.3 | 2022-02-14 |
| 11115333 | 117 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | < 0.3 | 2022-02-14 |
| 11115324 | 117 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-15 |
| 11115331 | 117 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.6 ± 0.3 | 2022-02-15 |
| 11115334 | 117 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 9:00 am | 0.8 ± 0.3 | 2022-02-15 |
| 11115323 | 118 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.8 ± 0.3 | 2022-02-15 |
| 11115313 | 119 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.3 ± 0.3 | 2022-02-15 |
| 11115306 | 119 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | < 0.3 | 2022-02-15 |
| 11115314 | 119D | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.5 ± 0.3 | 2022-02-14 |
| 11115326 | 120 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.5 ± 0.3 | 2022-02-14 |
| 11115342 | 129 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.6 ± 0.3 | 2022-02-15 |
| 11115341 | 130 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.8 ± 0.3 | 2022-02-14 |
| 11115340 | 131 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.2 ± 0.3 | 2022-02-14 |
| 11115349 | 132 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.6 ± 0.3 | 2022-02-15 |
| 11115321 | 133 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.7 ± 0.3 | 2022-02-14 |
| 11115336 | 133 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.5 ± 0.3 | 2022-02-14 |
| 11115327 | 134 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-15 |

Radon test result report for:**SHERWOOD ES****1**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|----------|---------|-----------------------|-----------------------|-----------|------------|
| 11115350 | 135 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | < 0.3 | 2022-02-14 |
| 11115339 | 135 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.6 ± 0.3 | 2022-02-14 |
| 11115329 | 136 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 0.7 ± 0.3 | 2022-02-14 |
| 11115347 | 138 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115348 | 139 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.1 ± 0.3 | 2022-02-15 |
| 11115362 | 140 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.6 ± 0.3 | 2022-02-14 |
| 11115356 | 140A | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115301 | 142 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.8 ± 0.3 | 2022-02-15 |
| 11115353 | 144 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115359 | 144 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | < 0.3 | 2022-02-15 |
| 11115352 | 144 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | < 0.3 | 2022-02-15 |
| 11115367 | 145 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.3 ± 0.3 | 2022-02-14 |
| 11115360 | 146 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.6 ± 0.3 | 2022-02-14 |
| 11115303 | 147 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.5 ± 0.3 | 2022-02-14 |
| 11115302 | 148 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115330 | 149 | 2022-02-08 @ 12:00 pm | 2022-02-11 @ 10:00 am | 1.1 ± 0.3 | 2022-02-14 |
| 11115361 | 149A | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | < 0.3 | 2022-02-15 |
| 11115328 | 155 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115320 | 156 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.7 ± 0.3 | 2022-02-14 |
| 11115357 | 158 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.1 ± 0.3 | 2022-02-14 |
| 11115338 | 158 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | < 0.3 | 2022-02-15 |
| 11115358 | 158 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.6 ± 0.3 | 2022-02-15 |
| 11115337 | 159 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.0 ± 0.3 | 2022-02-15 |
| 11115344 | 160 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | < 0.3 | 2022-02-15 |
| 11115351 | 161 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.8 ± 0.3 | 2022-02-15 |
| 11115343 | 167 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.1 ± 0.3 | 2022-02-15 |
| 11115345 | 168 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.9 ± 0.3 | 2022-02-14 |
| 11115304 | 169 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.7 ± 0.3 | 2022-02-14 |
| 11115366 | 171 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.1 ± 0.3 | 2022-02-14 |
| 11115346 | 172 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 11:00 am | 0.6 ± 0.3 | 2022-02-14 |
| 11115363 | 172 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.0 ± 0.3 | 2022-02-15 |
| 11115365 | 173 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.3 ± 0.3 | 2022-02-15 |
| 11115364 | 174 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.7 ± 0.3 | 2022-02-15 |
| 11115355 | 175 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.6 ± 0.3 | 2022-02-15 |
| 11115354 | 177 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 0.7 ± 0.3 | 2022-02-14 |
| 11115373 | 214 | 2022-02-08 @ 1:00 pm | 2022-02-11 @ 10:00 am | 1.0 ± 0.3 | 2022-02-14 |

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).

| 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 |



Radon Test Kit Chain of Custody

Project Name: MCPS Radon – February 2022 Schools

Name of Schools:

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

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

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



MCPS RADON TESTING

Executive Summary: Sherwood Elementary School

| | |
|---------------------------|--|
| Date of Test Report: | 2/26/2016 |
| Round of Testing: | Initial Follow-up Post Remediation |
| # Rooms Tested: | 59 |
| # Rooms \geq 4.0 pCi/L: | 0 |
| Low Value: | < 0.3 |
| High Value: | 1.4 |

Project Status:

Initial testing completed; no further action at this time.



February 26, 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 # 12146341.26

Location: Sherwood Elementary School
1401 Olney-Sandy Spring Road
Sandy Spring, MD 20860

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 Sherwood Elementary School, located at 1401 Olney-Sandy Spring Road in Sandy Spring, Maryland 20860 (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 or www.epa.gov/radon.

KCI visited the site on February 1, 2016 and deployed seventy-four (74) 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 February 4, 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:

| Radon Concentration | Room | Result |
|----------------------------|------------------|---------------|
| ≥ 4.0 pCi/L | none | n/a |
| < 4.0 pCi/L | See Attachment B | |

Notes:
D- Duplicate sample

The 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,



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

| Radon Testing Results | | |
|---------------------------------------|--------------------|---------------|
| Sherwood Elementary School | | |
| Test Period: 02/01/16-02/04/16 | | |
| Kit Number | Room / Area | Result |
| 7730654 | ALPRM | < 0.3 |
| 7730655 | ALPRM | 0.7 |
| 7730672 | ASPRM | 0.9 |
| 7730653 | CLASS RM 105 | 0.8 |
| 7730604 | CLASS RM 109 | < 0.3 |
| 7730657 | CLASS RM 116 | 1.4 |
| 7730606 | CLASS RM 129 | < 0.3 |
| 7730607 | CLASS RM 130 | 1.2 |
| 7730608 | CLASS RM 131 | 0.9 |
| 7730609 | CLASS RM 132 | < 0.3 |
| 7730611 | CLASS RM 133 | < 0.3 |
| 7730612 | CLASS RM 134 | 0.5 |
| 7730619 | CLASS RM 135 | < 0.3 |
| 7730620 | CLASS RM 135A | < 0.3 |
| 7730622 | CLASS RM 138 | 1.3 |
| 7730624 | CLASS RM 139 | 0.8 |
| 7730652 | CLASS RM 140 | 0.7 |
| 7730643 | CLASS RM 140 A | < 0.3 |
| 7730649 | CLASS RM 144 | 0.6 |
| 7730647 | CLASS RM 145 | 0.9 |
| 7730646 | CLASS RM 146 | 0.9 |
| 7730648 | CLASS RM 147 | 0.9 |
| 7730625 | CLASS RM 155 | 0.8 |
| 7730626 | CLASS RM 156 | 0.6 |
| 7730627 | CLASS RM 158 | < 0.3 |
| 7730628 | CLASS RM 159 | 0.9 |
| 7730629 | CLASS RM 160 | < 0.3 |
| 7730631 | CLASS RM 161 | 1.0 |
| 7730636 | CLASS RM 168 | 1.1 |
| 7730644 | CLASS RM 175 | 1.0 |
| 7730645 | CLASS RM 177 | 1.0 |
| 7730633 | CLASS RM 206 | < 0.3 |
| 7730634 | CLASS RM 208 | < 0.3 |
| 7730664 | CON RM 100 E | 0.9 |
| 7730601 | GYM | 0.7 |
| 7730602 | GYM | 0.7 |
| 7730666 | HEALTH RM 100 H | < 0.3 |
| 7730667 | HEALTH RM 100H-A | 0.8 |
| 7730668 | HEALTH RM 100H-B | 0.7 |
| 7730669 | MAIN OFFICE | < 0.3 |
| 7730613 | MEDIA CENTER 149 | 1.1 |
| 7730614 | MEDIA CENTER 149 | 0.8 |
| 7730663 | ML-085 | 0.7 |
| 7730615 | OFFICE 103 | 1.1 |
| 7730605 | OFFICE 107 | < 0.3 |
| 7730658 | OFFICE 118 | 0.7 |

Table Note:

* Missing or Compromised Sample

| Radon Testing Results | | |
|---------------------------------------|--------------------|---------------|
| Sherwood Elementary School | | |
| Test Period: 02/01/16-02/04/16 | | |
| Kit Number | Room / Area | Result |
| 7730621 | OFFICE 136 | < 0.3 |
| 7730617 | OFFICE 142 | 0.8 |
| 7730651 | OFFICE 148 | 1.0 |
| 7730618 | OFFICE 149 A | < 0.3 |
| 7730616 | OFFICE 149 B | 0.7 |
| 7730635 | OFFICE 167 | 1.3 |
| 7730637 | OFFICE 169 | 0.8 |
| 7730638 | OFFICE 171 | 0.6 |
| 7730639 | OFFICE 172 | 0.6 |
| 7730641 | OFFICE 173 | 0.7 |
| 7730642 | OFFICE 174 | 0.8 |
| 7730603 | PE OFFICE | < 0.3 |
| 7730671 | PRM | 0.7 |
| 7730660 | STAFF LOUNGE 120 | < 0.3 |
| 7730656 | STAGE | < 0.3 |
| 7730662 | WORK RM 102 | 0.7 |

Table Note:

* Missing or Compromised Sample

| Radon Testing Results | | |
|---------------------------------------|----------------------|---------------|
| Sherwood Elementary School | | |
| Test Period: 02/01/16-02/04/16 | | |
| Kit Number | QC Type | Result |
| 7730673 | D (ASPRM) | < 0.3 |
| 7730610 | D (CLASS RM 132) | < 0.3 |
| 7730623 | D (CLASS RM 138) | 0.7 |
| 7730650 | D (CLASS RM 144) | 0.6 |
| 7730630 | D (CLASS RM 160) | 0.6 |
| 7730670 | D (MAIN OFFICE) | 0.6 |
| 7730640 | D (OFFICE 172) | 0.8 |
| 7730661 | D (STAFF LOUNGE 120) | 0.6 |
| 7730632 | FB (CLASS RM 161) | < 0.3 |
| 7730665 | FB (CON RM 100 E) | < 0.3 |
| 7730659 | FB (OFFICE 118) | < 0.3 |
| 7730696 | OB (0) | < 0.3 |

Table Note:

* Missing or Compromised Sample

ATTACHMENT C

Laboratory Analytical Results

February 23, 2016
LABORATORY ANALYSIS REPORT **

Radon test result report for:
**SHERWOOD ELEMENTARY SCHOOL
 MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|----------------|-----------------------|-----------------------|-----------|------------|
| 7730696 | 0 | 2016-02-01 @ 3:00 pm | 2016-02-04 @ 10:00 am | < 0.3 | 2016-02-09 |
| 7730654 | ALPRM | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730655 | ALPRM | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730672 | ASPRM | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730673 | ASPRM | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730653 | CLASS RM 105 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730604 | CLASS RM 109 | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730657 | CLASS RM 116 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.4 ± 0.4 | 2016-02-09 |
| 7730606 | CLASS RM 129 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730607 | CLASS RM 130 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.2 ± 0.4 | 2016-02-09 |
| 7730608 | CLASS RM 131 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730609 | CLASS RM 132 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730610 | CLASS RM 132 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730611 | CLASS RM 133 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730612 | CLASS RM 134 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.5 ± 0.3 | 2016-02-09 |
| 7730619 | CLASS RM 135 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730620 | CLASS RM 135A | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730622 | CLASS RM 138 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.3 ± 0.4 | 2016-02-08 |
| 7730623 | CLASS RM 138 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730624 | CLASS RM 139 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730652 | CLASS RM 140 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730643 | CLASS RM 140 A | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730649 | CLASS RM 144 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730650 | CLASS RM 144 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730647 | CLASS RM 145 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730646 | CLASS RM 146 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730648 | CLASS RM 147 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730625 | CLASS RM 155 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730626 | CLASS RM 156 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.6 ± 0.3 | 2016-02-09 |
| 7730627 | CLASS RM 158 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730628 | CLASS RM 159 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730629 | CLASS RM 160 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730630 | CLASS RM 160 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.3 | 2016-02-09 |
| 7730631 | CLASS RM 161 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |
| 7730632 | CLASS RM 161 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730636 | CLASS RM 168 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.1 ± 0.4 | 2016-02-09 |
| 7730644 | CLASS RM 175 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |

February 23, 2016
LABORATORY ANALYSIS REPORT **

Radon test result report for:
**SHERWOOD ELEMENTARY SCHOOL
 MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|------------------|-----------------------|----------------------|-----------|------------|
| 7730645 | CLASS RM 177 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |
| 7730633 | CLASS RM 206 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730634 | CLASS RM 208 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730664 | CON RM 100 E | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730665 | CON RM 100 E | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730601 | GYM | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.3 | 2016-02-09 |
| 7730602 | GYM | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730666 | HEALTH RM 100 H | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730667 | HEALTH RM 100H-A | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730669 | MAIN OFFICE | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730670 | MAIN OFFICE | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730613 | MEDIA CENTER 149 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.1 ± 0.4 | 2016-02-09 |
| 7730614 | MEDIA CENTER 149 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730615 | OFFICE 103 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.1 ± 0.4 | 2016-02-09 |
| 7730605 | OFFICE 107 | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730658 | OFFICE 118 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730659 | OFFICE 118 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730621 | OFFICE 136 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730617 | OFFICE 142 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730651 | OFFICE 148 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |
| 7730618 | OFFICE 149 A | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730616 | OFFICE 149 B | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.3 | 2016-02-08 |
| 7730635 | OFFICE 167 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.3 ± 0.4 | 2016-02-09 |
| 7730637 | OFFICE 169 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730638 | OFFICE 171 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.3 | 2016-02-08 |
| 7730639 | OFFICE 172 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730640 | OFFICE 172 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730641 | OFFICE 173 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730642 | OFFICE 174 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730603 | PE OFFICE | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730671 | PRM | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.3 | 2016-02-08 |
| 7730660 | STAFF LOUNGE 120 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730661 | STAFF LOUNGE 120 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730656 | STAGE | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730662 | WORK RM 102 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |

February 23, 2016
****LABORATORY ANALYSIS REPORT****

Radon test result report for:
**SHERWOOD ELEMENTARY SCHOOL
PORTABLE**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|------------------|-----------------------|----------------------|-----------|------------|
| 7730668 | HEALTH RM 100H-B | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:0 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730663 | ML-085 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |

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

February 23, 2016
LABORATORY ANALYSIS REPORT

Radon test result report for:
TRANSIT- PHASE 7, 8, 9
NONE

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|---------|----------------------|-----------------------|-------|------------|
| 7734937 | 1 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734946 | 10 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734955 | 11 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734956 | 12 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734959 | 13 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734930 | 14 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734953 | 15 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734954 | 16 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734940 | 17 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734949 | 18 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734948 | 19 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734939 | 2 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734942 | 20 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734929 | 21 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734933 | 22 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734934 | 23 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734936 | 24 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734943 | 25 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734944 | 26 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734935 | 27 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734928 | 28 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734952 | 29 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734947 | 3 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734931 | 30 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734932 | 31 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718520 | 32 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718523 | 33 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718522 | 34 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718521 | 35 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734945 | 4 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734960 | 5 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734958 | 6 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734951 | 7 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734957 | 8 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734938 | 9 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |

February
15,
2016

**** LABORATORY ANALYSIS
REPORT ****

Spike Sample Laboratory Results

Radon test result report for:
MCPS

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|--------------|----------------|----------------------|----------------------|--------------|-----------------|
| 7718273 | 101A | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.5 ± 0.6 | 2016-02-04 |
| 7718281 | 102B | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.4 ± 0.6 | 2016-02-04 |
| 7718282 | 103C | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.3 ± 0.6 | 2016-02-04 |
| 7718288 | 104D | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.7 ± 0.6 | 2016-02-04 |
| 7718289 | 105E | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.6 ± 0.6 | 2016-02-04 |
| 7718291 | 106F | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.5 ± 0.6 | 2016-02-04 |

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 KCF Technologies Inc. Job Number 173704

NOMINAL Conditions: Radon Conc 5.9 pCi/L Rel. Hum 45.9 % Temp. 79.0 F

Date Start: 11/30/16 Date Stop: 2/1/16 Date Start: _____ Date Stop: _____

Time Start: 0926 Time Stop: 0926 Time Start: _____ Time Stop: _____

Device No.'s: (6) Char. Bags - Device No.'s: _____

7718281, 7718282, 7718291, _____

7718288, 7718289, 7718273 _____

ε3 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 μR/h Elevation = 820 ft**



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-1-2016)

Name of School/Facility:

- | | | |
|----------------------------|-----------------------------|----------------------------|
| 1. Wyngate E.S. | 10. Bethesda Depot | 18. Stone Mill E.S. |
| 2. Seven Locks E.S. | 11. Bethesda Trans Depot | 19. Strawberry Knoll E.S. |
| 3. Takoma Park M.S. | 12. Sligo M.S. | 20. Shady Grove M.S. |
| 4. Somerset E.S. | 13. Stonegate E.S. | 21. Washington Grove E.S. |
| 5. Silver Spring Int. M.S. | 14. Randolph Transportation | 22. Sherwood E.S. |
| 6. Sligo Creek E.S. | 15. Earl B. Wood M.S. | 23. Woodfield E.S. |
| 7. Tilden M.S. | 16. Sargent Shriver E.S. | 24. Taylor Learning Center |
| 8. Tilden Center | 17. Thomas Wooten H.S. | 25. Kingsley Wilderness |
| 9. Bethesda Annex | | |

| | Date | Initials |
|----------------------------------|--------|----------|
| Radon Test Kits Deployed | 2/1/16 | JM |
| Radon Test Kits Collected | 2/4/16 | JM |
| Radon Test Kits Shipped to Lab* | 2/4/16 | JM |
| Radon Test Kits Received by Lab* | 2/8/16 | JM |

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



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-2-2016)

Name of School/Facility:

- | | |
|--------------------------------|--------------------------------|
| 1. Concord Center | 8. Food & Nutritional Services |
| 2. Lynnbrook Center | 9. Fairland Center |
| 3. Carver (CESC) | 10. Redland M.S. (retest) |
| 4. Spring Mill (area 1 Office) | 11. Clarksburg Trans Depot |
| 5. Wheaton H.S | 12. Clarksburg Main Depot |
| 6. Montrose Center | 13. Clarksburg E.S. |
| 7. West Farm Trans Depot | |

| | Date | Initials |
|----------------------------------|--------|----------|
| Radon Test Kits Deployed | 2/2/16 | JM |
| Radon Test Kits Collected | 2/5/16 | JM |
| Radon Test Kits Shipped to Lab* | 2/5/16 | JM |
| Radon Test Kits Received by Lab* | 2/9/16 | JM |

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



MCPS RADON TESTING

Executive Summary: Sherwood Elementary School

| | |
|---------------------------|--|
| Date of Test Report: | 2/26/2016 |
| Round of Testing: | Initial Follow-up Post Remediation |
| # Rooms Tested: | 59 |
| # Rooms \geq 4.0 pCi/L: | 0 |
| Low Value: | < 0.3 |
| High Value: | 1.4 |

Project Status:

Initial testing completed; no further action at this time.



February 26, 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 # 12146341.26

Location: Sherwood Elementary School
1401 Olney-Sandy Spring Road
Sandy Spring, MD 20860

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 Sherwood Elementary School, located at 1401 Olney-Sandy Spring Road in Sandy Spring, Maryland 20860 (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 or www.epa.gov/radon.

KCI visited the site on February 1, 2016 and deployed seventy-four (74) 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 February 4, 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:

| Radon Concentration | Room | Result |
|----------------------------|------------------|---------------|
| ≥ 4.0 pCi/L | none | n/a |
| < 4.0 pCi/L | See Attachment B | |

Notes:
D- Duplicate sample

The 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,



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

| Radon Testing Results | | |
|---------------------------------------|--------------------|---------------|
| Sherwood Elementary School | | |
| Test Period: 02/01/16-02/04/16 | | |
| Kit Number | Room / Area | Result |
| 7730654 | ALPRM | < 0.3 |
| 7730655 | ALPRM | 0.7 |
| 7730672 | ASPRM | 0.9 |
| 7730653 | CLASS RM 105 | 0.8 |
| 7730604 | CLASS RM 109 | < 0.3 |
| 7730657 | CLASS RM 116 | 1.4 |
| 7730606 | CLASS RM 129 | < 0.3 |
| 7730607 | CLASS RM 130 | 1.2 |
| 7730608 | CLASS RM 131 | 0.9 |
| 7730609 | CLASS RM 132 | < 0.3 |
| 7730611 | CLASS RM 133 | < 0.3 |
| 7730612 | CLASS RM 134 | 0.5 |
| 7730619 | CLASS RM 135 | < 0.3 |
| 7730620 | CLASS RM 135A | < 0.3 |
| 7730622 | CLASS RM 138 | 1.3 |
| 7730624 | CLASS RM 139 | 0.8 |
| 7730652 | CLASS RM 140 | 0.7 |
| 7730643 | CLASS RM 140 A | < 0.3 |
| 7730649 | CLASS RM 144 | 0.6 |
| 7730647 | CLASS RM 145 | 0.9 |
| 7730646 | CLASS RM 146 | 0.9 |
| 7730648 | CLASS RM 147 | 0.9 |
| 7730625 | CLASS RM 155 | 0.8 |
| 7730626 | CLASS RM 156 | 0.6 |
| 7730627 | CLASS RM 158 | < 0.3 |
| 7730628 | CLASS RM 159 | 0.9 |
| 7730629 | CLASS RM 160 | < 0.3 |
| 7730631 | CLASS RM 161 | 1.0 |
| 7730636 | CLASS RM 168 | 1.1 |
| 7730644 | CLASS RM 175 | 1.0 |
| 7730645 | CLASS RM 177 | 1.0 |
| 7730633 | CLASS RM 206 | < 0.3 |
| 7730634 | CLASS RM 208 | < 0.3 |
| 7730664 | CON RM 100 E | 0.9 |
| 7730601 | GYM | 0.7 |
| 7730602 | GYM | 0.7 |
| 7730666 | HEALTH RM 100 H | < 0.3 |
| 7730667 | HEALTH RM 100H-A | 0.8 |
| 7730668 | HEALTH RM 100H-B | 0.7 |
| 7730669 | MAIN OFFICE | < 0.3 |
| 7730613 | MEDIA CENTER 149 | 1.1 |
| 7730614 | MEDIA CENTER 149 | 0.8 |
| 7730663 | ML-085 | 0.7 |
| 7730615 | OFFICE 103 | 1.1 |
| 7730605 | OFFICE 107 | < 0.3 |
| 7730658 | OFFICE 118 | 0.7 |

Table Note:

* Missing or Compromised Sample

| Radon Testing Results | | |
|---------------------------------------|--------------------|---------------|
| Sherwood Elementary School | | |
| Test Period: 02/01/16-02/04/16 | | |
| Kit Number | Room / Area | Result |
| 7730621 | OFFICE 136 | < 0.3 |
| 7730617 | OFFICE 142 | 0.8 |
| 7730651 | OFFICE 148 | 1.0 |
| 7730618 | OFFICE 149 A | < 0.3 |
| 7730616 | OFFICE 149 B | 0.7 |
| 7730635 | OFFICE 167 | 1.3 |
| 7730637 | OFFICE 169 | 0.8 |
| 7730638 | OFFICE 171 | 0.6 |
| 7730639 | OFFICE 172 | 0.6 |
| 7730641 | OFFICE 173 | 0.7 |
| 7730642 | OFFICE 174 | 0.8 |
| 7730603 | PE OFFICE | < 0.3 |
| 7730671 | PRM | 0.7 |
| 7730660 | STAFF LOUNGE 120 | < 0.3 |
| 7730656 | STAGE | < 0.3 |
| 7730662 | WORK RM 102 | 0.7 |

Table Note:

* Missing or Compromised Sample

| Radon Testing Results | | |
|---------------------------------------|----------------------|---------------|
| Sherwood Elementary School | | |
| Test Period: 02/01/16-02/04/16 | | |
| Kit Number | QC Type | Result |
| 7730673 | D (ASPRM) | < 0.3 |
| 7730610 | D (CLASS RM 132) | < 0.3 |
| 7730623 | D (CLASS RM 138) | 0.7 |
| 7730650 | D (CLASS RM 144) | 0.6 |
| 7730630 | D (CLASS RM 160) | 0.6 |
| 7730670 | D (MAIN OFFICE) | 0.6 |
| 7730640 | D (OFFICE 172) | 0.8 |
| 7730661 | D (STAFF LOUNGE 120) | 0.6 |
| 7730632 | FB (CLASS RM 161) | < 0.3 |
| 7730665 | FB (CON RM 100 E) | < 0.3 |
| 7730659 | FB (OFFICE 118) | < 0.3 |
| 7730696 | OB (0) | < 0.3 |

Table Note:

* Missing or Compromised Sample

ATTACHMENT C

Laboratory Analytical Results

February 23, 2016
LABORATORY ANALYSIS REPORT **

Radon test result report for:
**SHERWOOD ELEMENTARY SCHOOL
 MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|----------------|-----------------------|-----------------------|-----------|------------|
| 7730696 | 0 | 2016-02-01 @ 3:00 pm | 2016-02-04 @ 10:00 am | < 0.3 | 2016-02-09 |
| 7730654 | ALPRM | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730655 | ALPRM | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730672 | ASPRM | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730673 | ASPRM | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730653 | CLASS RM 105 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730604 | CLASS RM 109 | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730657 | CLASS RM 116 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.4 ± 0.4 | 2016-02-09 |
| 7730606 | CLASS RM 129 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730607 | CLASS RM 130 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.2 ± 0.4 | 2016-02-09 |
| 7730608 | CLASS RM 131 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730609 | CLASS RM 132 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730610 | CLASS RM 132 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730611 | CLASS RM 133 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730612 | CLASS RM 134 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.5 ± 0.3 | 2016-02-09 |
| 7730619 | CLASS RM 135 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730620 | CLASS RM 135A | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730622 | CLASS RM 138 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.3 ± 0.4 | 2016-02-08 |
| 7730623 | CLASS RM 138 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730624 | CLASS RM 139 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730652 | CLASS RM 140 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730643 | CLASS RM 140 A | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730649 | CLASS RM 144 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730650 | CLASS RM 144 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730647 | CLASS RM 145 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730646 | CLASS RM 146 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730648 | CLASS RM 147 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730625 | CLASS RM 155 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730626 | CLASS RM 156 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.6 ± 0.3 | 2016-02-09 |
| 7730627 | CLASS RM 158 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730628 | CLASS RM 159 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730629 | CLASS RM 160 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730630 | CLASS RM 160 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.3 | 2016-02-09 |
| 7730631 | CLASS RM 161 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |
| 7730632 | CLASS RM 161 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730636 | CLASS RM 168 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.1 ± 0.4 | 2016-02-09 |
| 7730644 | CLASS RM 175 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |

February 23, 2016
LABORATORY ANALYSIS REPORT **

Radon test result report for:
**SHERWOOD ELEMENTARY SCHOOL
 MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|------------------|-----------------------|----------------------|-----------|------------|
| 7730645 | CLASS RM 177 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |
| 7730633 | CLASS RM 206 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730634 | CLASS RM 208 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730664 | CON RM 100 E | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.9 ± 0.4 | 2016-02-09 |
| 7730665 | CON RM 100 E | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730601 | GYM | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.3 | 2016-02-09 |
| 7730602 | GYM | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730666 | HEALTH RM 100 H | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730667 | HEALTH RM 100H-A | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730669 | MAIN OFFICE | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730670 | MAIN OFFICE | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730613 | MEDIA CENTER 149 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.1 ± 0.4 | 2016-02-09 |
| 7730614 | MEDIA CENTER 149 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730615 | OFFICE 103 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 1.1 ± 0.4 | 2016-02-09 |
| 7730605 | OFFICE 107 | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730658 | OFFICE 118 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730659 | OFFICE 118 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730621 | OFFICE 136 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730617 | OFFICE 142 | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730651 | OFFICE 148 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.0 ± 0.4 | 2016-02-09 |
| 7730618 | OFFICE 149 A | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730616 | OFFICE 149 B | 2016-02-01 @ 9:00 am | 2016-02-04 @ 7:00 am | 0.7 ± 0.3 | 2016-02-08 |
| 7730635 | OFFICE 167 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 1.3 ± 0.4 | 2016-02-09 |
| 7730637 | OFFICE 169 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730638 | OFFICE 171 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.3 | 2016-02-08 |
| 7730639 | OFFICE 172 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730640 | OFFICE 172 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730641 | OFFICE 173 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730642 | OFFICE 174 | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | 0.8 ± 0.4 | 2016-02-09 |
| 7730603 | PE OFFICE | 2016-02-01 @ 8:00 am | 2016-02-04 @ 7:00 am | < 0.3 | 2016-02-09 |
| 7730671 | PRM | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.3 | 2016-02-08 |
| 7730660 | STAFF LOUNGE 120 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730661 | STAFF LOUNGE 120 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.6 ± 0.4 | 2016-02-09 |
| 7730656 | STAGE | 2016-02-01 @ 10:00 am | 2016-02-04 @ 8:00 am | < 0.3 | 2016-02-09 |
| 7730662 | WORK RM 102 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |

February 23, 2016
****LABORATORY ANALYSIS REPORT****

Radon test result report for:
**SHERWOOD ELEMENTARY SCHOOL
PORTABLE**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|------------------|-----------------------|----------------------|-----------|------------|
| 7730668 | HEALTH RM 100H-B | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:0 am | 0.7 ± 0.4 | 2016-02-09 |
| 7730663 | ML-085 | 2016-02-01 @ 11:00 am | 2016-02-04 @ 8:00 am | 0.7 ± 0.4 | 2016-02-09 |

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

February 23, 2016
LABORATORY ANALYSIS REPORT

Radon test result report for:
TRANSIT- PHASE 7, 8, 9
NONE

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---------|---------|----------------------|-----------------------|-------|------------|
| 7734937 | 1 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734946 | 10 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734955 | 11 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734956 | 12 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734959 | 13 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734930 | 14 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734953 | 15 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734954 | 16 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734940 | 17 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734949 | 18 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734948 | 19 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734939 | 2 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734942 | 20 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734929 | 21 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734933 | 22 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734934 | 23 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734936 | 24 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734943 | 25 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734944 | 26 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734935 | 27 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734928 | 28 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734952 | 29 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734947 | 3 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734931 | 30 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734932 | 31 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718520 | 32 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718523 | 33 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718522 | 34 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7718521 | 35 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734945 | 4 | 2016-02-19 @ 3:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734960 | 5 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734958 | 6 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734951 | 7 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734957 | 8 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |
| 7734938 | 9 | 2016-02-19 @ 4:00 pm | 2016-02-22 @ 11:00 am | < 0.3 | 2016-02-23 |

February
15,
2016

**** LABORATORY ANALYSIS
REPORT ****

Spike Sample Laboratory Results

Radon test result report for:
MCPS

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|--------------|----------------|----------------------|----------------------|--------------|-----------------|
| 7718273 | 101A | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.5 ± 0.6 | 2016-02-04 |
| 7718281 | 102B | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.4 ± 0.6 | 2016-02-04 |
| 7718282 | 103C | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.3 ± 0.6 | 2016-02-04 |
| 7718288 | 104D | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.7 ± 0.6 | 2016-02-04 |
| 7718289 | 105E | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.6 ± 0.6 | 2016-02-04 |
| 7718291 | 106F | 2016-01-30 @ 9:00 am | 2016-02-01 @ 9:00 am | 6.5 ± 0.6 | 2016-02-04 |

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 KCF Technologies Inc. Job Number 173704

NOMINAL Conditions: Radon Conc 5.9 pCi/L Rel. Hum 45.9 % Temp. 79.0 F

Date Start: 11/30/16 Date Stop: 2/1/16 Date Start: _____ Date Stop: _____

Time Start: 0926 Time Stop: 0926 Time Start: _____ Time Stop: _____

Device No.'s: (6) Char. Bags - Device No.'s: _____

7718281, 7718282, 7718291, _____

7718288, 7718289, 7718273 _____

ε3 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 μR/h Elevation = 820 ft**



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-1-2016)

Name of School/Facility:

- | | | |
|----------------------------|-----------------------------|----------------------------|
| 1. Wyngate E.S. | 10. Bethesda Depot | 18. Stone Mill E.S. |
| 2. Seven Locks E.S. | 11. Bethesda Trans Depot | 19. Strawberry Knoll E.S. |
| 3. Takoma Park M.S. | 12. Sligo M.S. | 20. Shady Grove M.S. |
| 4. Somerset E.S. | 13. Stonegate E.S. | 21. Washington Grove E.S. |
| 5. Silver Spring Int. M.S. | 14. Randolph Transportation | 22. Sherwood E.S. |
| 6. Sligo Creek E.S. | 15. Earl B. Wood M.S. | 23. Woodfield E.S. |
| 7. Tilden M.S. | 16. Sargent Shriver E.S. | 24. Taylor Learning Center |
| 8. Tilden Center | 17. Thomas Wooten H.S. | 25. Kingsley Wilderness |
| 9. Bethesda Annex | | |

| | Date | Initials |
|----------------------------------|--------|----------|
| Radon Test Kits Deployed | 2/1/16 | JM |
| Radon Test Kits Collected | 2/4/16 | JM |
| Radon Test Kits Shipped to Lab* | 2/4/16 | JM |
| Radon Test Kits Received by Lab* | 2/8/16 | JM |

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



Radon Test Kit Chain of Custody

Project Name: MCPS Radon Phase 7 (2-2-2016)

Name of School/Facility:

- | | |
|--------------------------------|--------------------------------|
| 1. Concord Center | 8. Food & Nutritional Services |
| 2. Lynnbrook Center | 9. Fairland Center |
| 3. Carver (CESC) | 10. Redland M.S. (retest) |
| 4. Spring Mill (area 1 Office) | 11. Clarksburg Trans Depot |
| 5. Wheaton H.S | 12. Clarksburg Main Depot |
| 6. Montrose Center | 13. Clarksburg E.S. |
| 7. West Farm Trans Depot | |

| | Date | Initials |
|----------------------------------|--------|----------|
| Radon Test Kits Deployed | 2/2/16 | JM |
| Radon Test Kits Collected | 2/5/16 | JM |
| Radon Test Kits Shipped to Lab* | 2/5/16 | JM |
| Radon Test Kits Received by Lab* | 2/9/16 | JM |

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