# School / Facility Radon Testing Report Form

School Year: **24-25**

| | |
|---|---|
| Facility: | Parkside Center |
| Address: | 9500 Brunett Avenue |
| | Silver Spring, MD 20901 |
| Reason for Testing: | Scheduled Re-Testing - ☐ 2-year or ☒ 5-year schedule<br>☐ Clearance Testing (Post-Mitigation)<br>☐ Building Envelope or HVAC Upgrades<br>☐ New Construction – Addition or Facility |
| Current Radon Status: | ☐ Active Mitigation (2-year regular schedule)<br>☒ No Active Mitigation (5-year regular schedule)<br>☒ 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<br>☒ Required (≥4.0-pCi/L)<br>Rooms: Entire Facility | ☐ No Change in Status<br>☒ Active Mitigation (2-year regular schedule)<br>☐ No Active Mitigation (5-year regular schedule) | | |
| Number of Rooms Tested | 51 | Lowest Value (pCi/L) | < 0.3 |
| Number of Rooms (≥4.0-pCi/L) | 32 | Highest Value (pCi/L) | 7.8 |

**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.

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# School / Facility Radon Testing Report Form

## Detector and Deployment

| | | |
|---|---|---|
| Detector/Device Type: | ☒ Passive<br>☐ Continuous | ☒ Charcoal Absorption (CAD) ☐ Alpha Track (ATD) ☐ Other<br>☐ 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 |
|---|---|
| Brittany Maas | KCI Technologies, Inc. |
| | |
| | |
| *If noncertified individuals, the qualified measurement professional providing oversight -* | |
| Tyler McCleaf, CSP – Cert. #111004-RMP | KCI Technologies, Inc. |

## Testing

| | | | | |
|---|---|---|---|---|
| ☒ Short-Term<br>☐ Long-Term | Length of Test (days): | 3 | Date of Deployment and Retrieval (mm/dd/yy): | 01/12/2025<br>01/16/2025 |
| 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:*<br>Facility was newly acquired for MCPS use and was not occupied during testing; HVAC system was in use to ensure normal indoor temperature. | | | | |

## Testing (continued)

| | Detectors Deployed | | | | |
|---|---|---|---|---|---|
| | Ground-Contact | | Upper-Level(s) | | Total |
| Round of Testing | Initial | Follow-Up | Initial | Follow-Up | |
| Test Locations[1] | 51 | 0 | 0 | 0 | 51 |
| Duplicates[2] | 5 | 0 | 0 | 0 | 5 |
| Field Blanks[3] | 2 | 0 | 0 | 0 | 2 |
| | | | | Grand Total | 58 |

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 | | 3 |
| Trip Blanks[2] | 1 | 0 | 1 |
| Office Blanks[3, 4] | 1 | 0 | 1 |
| | | | 5 |

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 |

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# 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: | 51 | 0 | 0 | 0 | 51 |
| | | | | | |
| Number of locations ≥8.0-pCi/L: | 0 | 0 | 0 | 0 | 0 |
| Number of locations ≥4.0 and ≤8-pCi/L: | 32 | 0 | 0 | 0 | 32 |
| Number of locations ≥2.7 and <4-pCi/L: | 17 | 0 | 0 | 0 | 17 |
| Number of locations ≥2.0 and <2.7-pCi/L: | 1 | 0 | 0 | 0 | 1 |
| | | | | | |
| Number of missing required test locations[3]: | 0 | 0 | 0 | 0 | 0 |
| Number of failed duplicate control locations: | 0 | 0 | 0 | 0 | 0 |
| Percentage of missing test locations for the facility[4,5]: | 0% | 0% | 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 ≤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<br>☐ No | ☐ Yes<br>☒ 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<br>☒ No | ☐ Yes<br>☒ 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]<br>***If Yes,*** *then -* ***'No Further Testing Needed'*** *complete Conclusion section on first page.*<br>***If No****, then -* ***'Follow-up Testing Required'*** *continue below.* | ☐ Yes<br>☒ No<br>☐ NA | ☐ Yes<br>☐ No<br>☐ 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 | | |
|---|---|---|
| **Parkside Center** | | |
| **Test Period: 1/12/2025 - 1/16/2025** | | |
| | | |
| Kit Number | Room / Area | Result |
| 11906856 | 104 | 2.1 |
| 11892894 | 105 | 3.7 |
| 11906858 | 108 | 3.5 |
| 11892867 | 112 | 3.1 |
| 11892898 | 120 | 5.3 |
| 11903952 | 123 | 3.3 |
| 11906866 | 124 | 3.2 |
| 11906865 | 128 | 3.7 |
| 11906850 | 144 | 7.8 |
| 11906862 | 104 OFFICE | 1.8 |
| 11906874 | 105A | 4.3 |
| 11892886 | 105B | 3.5 |
| 11892887 | 105C | 5.2 |
| 11892888 | 105D | 2.9 |
| 11892860 | 105D | 3.2 |
| 11906864 | 105D | < 0.3 |
| 11892892 | 105E | 3.4 |
| 11892880 | 105F | 3.2 |
| 11892891 | 105G | 3.5 |
| 11906863 | 105H | 4.6 |
| 11906857 | 108A | 3.8 |
| 11906805 | 108B | 4.4 |
| 11906861 | 108B | 5.0 |
| 11892895 | 108C | 4.7 |
| 11906869 | 108D | 5.3 |
| 11892893 | 108E | 3.3 |
| 11892896 | 120 OFFICE | 4.4 |
| 11906867 | A100 | 5.4 |
| 11893089 | A101 | 5.2 |
| 11893087 | A102 | 4.9 |
| 11892876 | A103 | 5.1 |
| 11893088 | A104 | 5.3 |
| 11906870 | A105 | 5.2 |
| 11892889 | A106 | 4.3 |
| 11892890 | A106 | 4.8 |
| 11906868 | A106 | < 0.3 |
| 11892859 | A107 | 5.0 |

| Table 1- Radon Testing Results | | |
|---|---|---|
| **Parkside Center** | | |
| **Test Period: 1/12/2025 - 1/16/2025** | | |
| | | |
| Kit Number | Room / Area | Result |
| 11892884 | A108 | 4.7 |
| 11892883 | A109 | 4.3 |
| 11892881 | A110 | 4.1 |
| 11906873 | A111 | 4.4 |
| 11892875 | A112 | 4.1 |
| 11892868 | A113 | 4.0 |
| 11892866 | A114 | 3.4 |
| 11892885 | A124 | 3.7 |
| 11893095 | B101 | 5.6 |
| 11893079 | B101A | 4.2 |
| 11903958 | B101A | 4.8 |
| 11903944 | B102 | 5.1 |
| 11892874 | B104 | 4.4 |
| 11893096 | B105 | 4.5 |
| 11892879 | B107 | 4.7 |
| 11893098 | B108 | 6.1 |
| 11893097 | B109 | 4.6 |
| 11893093 | B110 | 5.0 |
| 11892897 | B111 | 3.7 |
| 11892882 | B111 | 3.8 |
| 11906849 | LIBRARY | 0.9 |

| Table 2 - Summary Testing Results ≥2.0 pCi/L | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parkside Center | | | | | | | |
| Test Period: 1/12/2025 - 1/16/2025 | | | | | | | |
| ≥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 |
| 104 | 2.1 | 105D | 2.9 | A113 | 4.0 | N/A | N/A |
| | | 112 | 3.1 | A110 | 4.1 | | |
| | | 124 | 3.2 | A112 | 4.1 | | |
| | | 105D | 3.2 | B101A | 4.2 | | |
| | | 105F | 3.2 | 105A | 4.3 | | |
| | | 123 | 3.3 | A106 | 4.3 | | |
| | | 108E | 3.3 | A109 | 4.3 | | |
| | | 105E | 3.4 | 108B | 4.4 | | |
| | | A114 | 3.4 | 120 OFFICE | 4.4 | | |
| | | 108 | 3.5 | A111 | 4.4 | | |
| | | 105B | 3.5 | B104 | 4.4 | | |
| | | 105G | 3.5 | B105 | 4.5 | | |
| | | 105 | 3.7 | 105H | 4.6 | | |
| | | 128 | 3.7 | B109 | 4.6 | | |
| | | A124 | 3.7 | 108C | 4.7 | | |
| | | B111 | 3.7 | A108 | 4.7 | | |
| | | 108A | 3.8 | B107 | 4.7 | | |
| | | B111 | 3.8 | A106 | 4.8 | | |
| | | | | B101A | 4.8 | | |
| | | | | A102 | 4.9 | | |
| | | | | 108B | 5.0 | | |
| | | | | A107 | 5.0 | | |
| | | | | B110 | 5.0 | | |
| | | | | A103 | 5.1 | | |
| | | | | B102 | 5.1 | | |
| | | | | 105C | 5.2 | | |
| | | | | A101 | 5.2 | | |
| | | | | A105 | 5.2 | | |
| | | | | 120 | 5.3 | | |
| | | | | 108D | 5.3 | | |
| | | | | A104 | 5.3 | | |
| | | | | A100 | 5.4 | | |
| | | | | B101 | 5.6 | | |
| | | | | B108 | 6.1 | | |
| | | | | 144 | 7.8 | | |

| Table 3 - QC Radon Testing Results | | | |
|---|---|---|---|
| **Parkside Center** | | | |
| **Test Period: 1/12/2025 - 1/16/2025** | | | |
| | | | |
| **Kit Number** | **QC Type** | **Room / Area** | **Result** |
| 11892860 | D | 105D | 3.2 |
| 11906864 | FB | 105D | < 0.3 |
| 11906805 | D | 108B | 4.4 |
| 11892890 | D | A106 | 4.8 |
| 11906868 | FB | A106 | < 0.3 |
| 11903958 | D | B101A | 4.8 |
| 11892882 | D | B111 | 3.8 |
| 11906877 | OB | OFFICE BLANK | < 0.3 |
| 11903993 | TB | TRAVEL BLANK | < 0.3 |

**Table 3a - Duplicate Worksheet / Data Validation**

**Parkside Center**

**Test Period: 1/12/2025 - 1/16/2025**

| 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 |
| 11906861 | 11906805 | 108B | 5.0 | 4.4 | ✓ | 8.8 | PASS | 4.7 | 12.8% | ✓ |
| 11892888 | 11892860 | 105D | 3.2 | 2.9 | ✓ | 5.8 | PASS | 3.1 | 9.8% | ✓ |
| 11892897 | 11892882 | B111 | 3.8 | 3.7 | ✓ | 7.4 | PASS | 3.8 | 2.7% | ✓ |
| 11892889 | 11892890 | A106 | 4.8 | 4.3 | ✓ | 8.6 | PASS | 4.6 | 11.0% | ✓ |
| 11893079 | 11903958 | B101A | 4.8 | 4.2 | ✓ | 8.4 | PASS | 4.5 | 13.3% | ✓ |

**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 | | |
|---|---|---|
| Parkside Center | | |
| Test Period: 1/12/25 - 1/16/25 | | |
| | | |
| **Kit Number** | **Room/Area** | **Reason** |
| N/A | N/A | N/A |
| | | |
| | | |
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# Attachment 2:

# Laboratory Reports

January 20, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
**PARKSIDE CENTER**
**MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11906856 | 104 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 10:00 am | 2.1 ± 0.4 | 2025-01-20 |
| 11906862 | 104 OFFICE | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 1.8 ± 0.3 | 2025-01-20 |
| 11892894 | 105 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.7 ± 0.4 | 2025-01-20 |
| 11906874 | 105A | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.3 ± 0.4 | 2025-01-20 |
| 11892886 | 105B | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.5 ± 0.4 | 2025-01-20 |
| 11892887 | 105C | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.2 ± 0.4 | 2025-01-20 |
| 11906864 | 105D | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | < 0.3 | 2025-01-20 |
| 11892860 | 105D | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.2 ± 0.4 | 2025-01-20 |
| 11892888 | 105D | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 2.9 ± 0.4 | 2025-01-20 |
| 11892892 | 105E | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.4 ± 0.4 | 2025-01-20 |
| 11892880 | 105F | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.2 ± 0.4 | 2025-01-20 |
| 11892891 | 105G | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.5 ± 0.4 | 2025-01-20 |
| 11906863 | 105H | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.6 ± 0.4 | 2025-01-20 |
| 11906858 | 108 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.5 ± 0.4 | 2025-01-20 |
| 11906857 | 108A | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.8 ± 0.4 | 2025-01-20 |
| 11906805 | 108B | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.4 ± 0.4 | 2025-01-20 |
| 11906861 | 108B | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.0 ± 0.4 | 2025-01-20 |
| 11892895 | 108C | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.7 ± 0.4 | 2025-01-20 |
| 11906869 | 108D | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.3 ± 0.4 | 2025-01-20 |
| 11892893 | 108E | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.3 ± 0.4 | 2025-01-20 |
| 11892867 | 112 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.1 ± 0.4 | 2025-01-20 |
| 11892898 | 120 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.3 ± 0.4 | 2025-01-20 |
| 11892896 | 120 OFFICE | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.4 ± 0.4 | 2025-01-20 |
| 11903952 | 123 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 10:00 am | 3.3 ± 0.4 | 2025-01-20 |
| 11906866 | 124 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 10:00 am | 3.2 ± 0.4 | 2025-01-20 |
| 11906865 | 128 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 10:00 am | 3.7 ± 0.4 | 2025-01-20 |
| 11906850 | 144 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 10:00 am | 7.8 ± 0.6 | 2025-01-20 |
| 11906867 | A100 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.4 ± 0.4 | 2025-01-20 |
| 11893089 | A101 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.2 ± 0.4 | 2025-01-20 |
| 11893087 | A102 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.9 ± 0.4 | 2025-01-20 |
| 11892876 | A103 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.1 ± 0.4 | 2025-01-20 |
| 11893088 | A104 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.3 ± 0.4 | 2025-01-20 |
| 11906870 | A105 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.2 ± 0.4 | 2025-01-20 |
| 11892890 | A106 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.8 ± 0.4 | 2025-01-20 |
| 11906868 | A106 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | < 0.3 | 2025-01-20 |
| 11892889 | A106 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.3 ± 0.4 | 2025-01-20 |
| 11892859 | A107 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.0 ± 0.4 | 2025-01-20 |

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January 20, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
**PARKSIDE CENTER**
**MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11892884 | A108 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.7 ± 0.4 | 2025-01-20 |
| 11892883 | A109 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.3 ± 0.4 | 2025-01-20 |
| 11892881 | A110 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.1 ± 0.4 | 2025-01-20 |
| 11906873 | A111 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.4 ± 0.4 | 2025-01-20 |
| 11892875 | A112 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.1 ± 0.4 | 2025-01-20 |
| 11892868 | A113 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.0 ± 0.4 | 2025-01-20 |
| 11892866 | A114 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.4 ± 0.4 | 2025-01-20 |
| 11892885 | A124 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.7 ± 0.4 | 2025-01-20 |
| 11893095 | B101 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.6 ± 0.4 | 2025-01-20 |
| 11903958 | B101A | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.8 ± 0.4 | 2025-01-20 |
| 11893079 | B101A | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.2 ± 0.4 | 2025-01-20 |
| 11903944 | B102 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.1 ± 0.4 | 2025-01-20 |
| 11892874 | B104 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.4 ± 0.4 | 2025-01-20 |
| 11893096 | B105 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.5 ± 0.4 | 2025-01-20 |
| 11892879 | B107 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.7 ± 0.4 | 2025-01-20 |
| 11893098 | B108 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 6.1 ± 0.5 | 2025-01-20 |
| 11893097 | B109 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 4.6 ± 0.4 | 2025-01-20 |
| 11893093 | B110 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 5.0 ± 0.4 | 2025-01-20 |
| 11892897 | B111 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.7 ± 0.4 | 2025-01-20 |
| 11892882 | B111 | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 3.8 ± 0.4 | 2025-01-20 |
| 11906849 | LIBRARY | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | 0.9 ± 0.4 | 2025-01-20 |

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January 20, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
**OFFICE**
**MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11906876 | O | 2025-01-14 @ 11:00 am | 2025-01-17 @ 11:00 am | < 0.3 | 2025-01-20 |
| 11906877 | O | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | < 0.3 | 2025-01-20 |

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January 20, 2025 **** LABORATORY ANALYSIS REPORT ****

Radon test result report for:
**TRAVEL**
**MAIN**

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11903993 | T | 2025-01-13 @ 11:00 am | 2025-01-16 @ 11:00 am | < 0.3 | 2025-01-20 |
| 11906878 | T | 2025-01-14 @ 11:00 am | 2025-01-17 @ 11:00 am | < 0.3 | 2025-01-20 |

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# 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 |

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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 13th – January 16th, 2024

Name of Schools:

1. Springbrook HS
2. Woodlin ES
3. Parkside Center
4. Bannockburn ES
5. Beall ES
6. Bells Mill ES
7. Bethesda ES

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| | Date | Initials |
|---|---|---|
| Radon Test Kits Deployed | 01/13/2025 | BMM |
| Radon Test Kits Collected | 01/16/2025 | BMM |
| Radon Test Kits Shipped to Lab* | 01/17/2025 | BMM |
| Radon Test Kits Received by Lab* | 01/21/2025 | BMM |

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