MCPS DEM SUSTAINABILITY & COMPLIANCE

# School / Facility Radon Testing Report Form

School Year: **24-25**

| | |
|---|---|
| Facility: | Rockville High School |
| Address: | 2100 Baltimore Road |
| | Rockville, MD 20851 |
| 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>☒ Consider (≥2.0 & <4.0-pCi/L)<br>☐ Required (≥4.0-pCi/L)<br>Rooms: | ☒ No Change in Status<br>☐ Active Mitigation (2-year regular schedule)<br>☐ No Active Mitigation (5-year regular schedule) | | |
| Number of Rooms Tested | 90 | Lowest Value (pCi/L) | < 0.3 |
| Number of Rooms (≥4.0-pCi/L) | 0 | Highest Value (pCi/L) | 2.5 |

**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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## 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 |
|---|---|
| Shannon King | KCI Technologies, Inc. |
| | |
| | |
| *If noncertified individuals, the qualified measurement professional providing oversight -* | |
| Tyler McCleaf, CSP – Cert. #111004 – RMP | KCI Technologies, Inc. |

## Testing

| | | | | | |
|---|---|---|---|---|---|
| ☒ Short-Term<br>☐ Long-Term | Length of Test (days): | 3 | Date of Deployment and Retrieval (mm/dd/yy): | 02/03/25<br>02/06/25 | 03/24/25<br>03/27/25 |
| Does the test period include weekends, school breaks or holidays? | | | | ☐ Yes ☒ No | |
| *If "**Yes**" please explain/detail in the space below:* | | | | | |
| Was HVAC operating under occupied conditions? | | | | ☒ Yes ☐ No | |
| *If "**No**" please explain/detail in the space below:* | | | | | |

## Testing (continued)

| | Detectors Deployed | | | | |
|---|---|---|---|---|---|
| | Ground-Contact | | Upper-Level(s) | | Total |
| Round of Testing | Initial | Follow-Up | Initial | Follow-Up | |
| Test Locations[1] | 78 | 2 | 11 | 0 | 91 |
| Duplicates[2] | 9 | 1 | 2 | 0 | 12 |
| Field Blanks[3] | 5 | 1 | 1 | 0 | 7 |
| | | | | Grand Total | 110 |

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

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

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

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

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

## Quality Assurance / Quality Control (continued)

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

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

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

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

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

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

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## 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: | 78 | 1 | 11 | 0 | 90 |
| | | | | | |
| Number of locations ≥8.0-pCi/L: | 0 | 0 | 0 | 0 | 0 |
| Number of locations ≥4.0 and ≤8-pCi/L: | 0 | 0 | 0 | 0 | 0 |
| Number of locations ≥2.7 and <4-pCi/L: | 0 | 0 | 0 | 0 | 0 |
| Number of locations ≥2.0 and <2.7-pCi/L: | 1 | 0 | 0 | 0 | 1 |
| | | | | | |
| Number of missing required test locations[3]: | 4 | 0 | 0 | 0 | 4 |
| Number of failed duplicate control locations: | 1 | 0 | 0 | 0 | 1 |
| Percentage of missing test locations for the facility[4,5]: | 5.12% | 0 | 0 | 0 | 4.44% |

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 | | |
|---|---|---|
| Rockville High School | | |
| Test Period: 2/3/2025 - 2/6/2025 | | |
| | | |
| Kit Number | Room / Area | Result |
| 11950912 | 1000 | < 0.3 |
| 11950941 | 1001 | < 0.3 |
| 11950942 | 1001 | < 0.3 |
| 11950970 | 1005 | < 0.3 |
| 11950973 | 1011 | < 0.3 |
| 11950972 | 1012 | < 0.3 |
| 11950975 | 1013 | < 0.3 |
| 11950976 | 1013 | < 0.3 |
| 11950977 | 1015 | < 0.3 |
| 11950978 | 1015 | < 0.3 |
| 11950980 | 1017 | < 0.3 |
| 11950982 | 1019 | < 0.3 |
| 11950981 | 1020 | < 0.3 |
| 11950983 | 1021 | < 0.3 |
| 11950991 | 1022 | 0.7 |
| 11950984 | 1023 | < 0.3 |
| 11950992 | 1024 | < 0.3 |
| 11950985 | 1025 | < 0.3 |
| 11950987 | 1025 | < 0.3 |
| 11950986 | 1027 | < 0.3 |
| 11950988 | 1029 | < 0.3 |
| 11950993 | 1030 | < 0.3 |
| 11950994 | 1030 | < 0.3 |
| 11950996 | 1032 | 0.6 |
| 11950997 | 1032 | < 0.3 |
| 11950995 | 1033 | < 0.3 |
| 11950999 | 1035 | < 0.3 |
| 11950998 | 1036 | < 0.3 |
| 11931405 | 1037 | < 0.3 |
| 11951000 | 1038 | < 0.3 |
| 11931403 | 1039 | < 0.3 |
| 11950933 | 1050 | < 0.3 |
| 11950968 | 1053 | < 0.3 |
| 11950967 | 1057 | < 0.3 |
| 11950966 | 1059 | < 0.3 |
| 11950937 | 1062 | 0.7 |
| 11950945 | 1066 | < 0.3 |

| Table 1- Radon Testing Results | | |
|---|---|---|
| Rockville High School | | |
| Test Period: 2/3/2025 - 2/6/2025 | | |
| | | |
| Kit Number | Room / Area | Result |
| 11950944 | 1067 | < 0.3 |
| 11950931 | 1069 | < 0.3 |
| 11950932 | 1070 | < 0.3 |
| 11950943 | 1076 | 0.6 |
| 11950952 | 1080 | < 0.3 |
| 11950951 | 1081 | 0.5 |
| 11950939 | 1083 | 0.6 |
| 11950940 | 1083 | < 0.3 |
| 11950946 | 1084 | 0.8 |
| 11950949 | 1084 | 0.7 |
| 11950948 | 1087 | 0.6 |
| 11950953 | 1089 | < 0.3 |
| 11950954 | 1091 | < 0.3 |
| 11950950 | 1093 | < 0.3 |
| 11950957 | 1093 | 0.6 |
| 11950955 | 1095 | 1.2 |
| 11950956 | 1095 | < 0.3 |
| 11950958 | 1097 | 1.0 |
| 11950959 | 1103 | 0.6 |
| 11950961 | 1105 | 0.6 |
| 11950962 | 1107 | 1.0 |
| 11950965 | 1109 | 0.8 |
| 11931404 | 2014 | < 0.3 |
| 11931409 | 2027 | 0.8 |
| 11931410 | 2034 | < 0.3 |
| 11931412 | 2059 | 0.7 |
| 11931406 | 2071 | < 0.3 |
| 11931411 | 2071 | < 0.3 |
| 11931407 | 2099 | < 0.3 |
| 11931408 | 2129 | 0.7 |
| 11931401 | 2135 | 1.2 |
| 11931415 | 3009 | < 0.3 |
| 11931420 | 3009 | < 0.3 |
| 11931414 | 3012 | < 0.3 |
| 11931419 | 3012 | < 0.3 |
| 11931413 | 3039 | < 0.3 |
| 11950923 | 1000A | < 0.3 |

| Table 1- Radon Testing Results | | |
|---|---|---|
| **Rockville High School** | | |
| **Test Period: 2/3/2025 - 2/6/2025** | | |
| | | |
| Kit Number | Room / Area | Result |
| 11950924 | 1000B | < 0.3 |
| 11950906 | 1002A | < 0.3 |
| 11950909 | 1002B | < 0.3 |
| 11950908 | 1002C | < 0.3 |
| 11950910 | 1002D | < 0.3 |
| 11950914 | 1002G | < 0.3 |
| 11950913 | 1002H | < 0.3 |
| 11950915 | 1002I | 0.6 |
| 11950916 | 1002K | < 0.3 |
| 11950917 | 1002K | < 0.3 |
| 11950918 | 1003A | < 0.3 |
| 11950926 | 1003C | < 0.3 |
| 11950927 | 1003C | < 0.3 |
| 11950929 | 1003D | < 0.3 |
| 11950936 | 1003F | < 0.3 |
| 11950935 | 1003H | 0.7 |
| 11950934 | 1003I | < 0.3 |
| 11950930 | 1003J | < 0.3 |
| 11950928 | 1003K | < 0.3 |
| 11950921 | 1003L | 2.0 |
| 11950922 | 1003L | 2.5 |
| 11950925 | 1003M | < 0.3 |
| 11950919 | 1003N | < 0.3 |
| 11950920 | 1003O | < 0.3 |
| 11950974 | 1011A | 0.5 |
| 11950979 | 1013A | < 0.3 |
| 11950989 | 1031C | < 0.3 |
| 11950990 | 1031C | < 0.3 |
| 11950969 | 1049A | < 0.3 |
| 11950971 | 1049B | 0.5 |
| 11950947 | 1083F | < 0.3 |
| 11950907 | MAIN OFFICE | 0.5 |

| Table 2 - Summary Testing Results ≥2.0 pCi/L | | | | | | | |
|---|---|---|---|---|---|---|---|
| Rockville High School | | | | | | | |
| Test Period: 2/3/2025 - 2/6/2025 | | | | | | | |
| ≥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 |
| 1003L | 2.0 | N/A | N/A | N/A | N/A | N/A | N/A |
| 1003L | 2.5 | | | | | | |
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| Table 3 - QC Radon Testing Results | | | |
|---|---|---|---|
| Rockville High School | | | |
| Test Period: 2/3/2025 - 2/6/2025 | | | |
| | | | |
| **Kit Number** | **QC Type** | **Room / Area** | **Result** |
| 11950942 | D | 1001 | < 0.3 |
| 11950976 | D | 1013 | < 0.3 |
| 11950978 | FB | 1015 | < 0.3 |
| 11950987 | D | 1025 | < 0.3 |
| 11950994 | D | 1030 | < 0.3 |
| 11950997 | FB | 1032 | < 0.3 |
| 11950964 | D | 1054 | Missing Kit |
| 11950940 | FB | 1083 | < 0.3 |
| 11950949 | D | 1084 | 0.7 |
| 11950957 | D | 1093 | 0.6 |
| 11950956 | FB | 1095 | < 0.3 |
| 11931411 | D | 2071 | < 0.3 |
| 11931415 | FB | 3009 | < 0.3 |
| 11931419 | D | 3012 | < 0.3 |
| 11950917 | D | 1002K | < 0.3 |
| 11950927 | FB | 1003C | < 0.3 |
| 11950922 | D | 1003L | 2.5 |
| 11931691 | OB | OFFICE BLANK | < 0.3 |
| 11931692 | TB | TRAVEL BLANK | < 0.3 |

| Table 3a - Duplicate Worksheet / Data Validation | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Rockville High School | | | | | | | | | | |
| Test Period: 2/3/2025 - 2/6/2025 | | | | | | | | | | |
| | | | | | | | | | | |
| 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 |
| 11931406 | 11931411 | 2071 | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |
| 11931414 | 11931419 | 3012 | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |
| 11950916 | 11950917 | 1002K | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |
| 11950921 | 11950922 | 1003L | 2.5 | 2.0 | ✓ | 4.0 | PASS | 2.3 | 22.2% | ✓ |
| 11950941 | 11950942 | 1001 | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |
| 11950946 | 11950949 | 1084 | 0.8 | 0.7 | ✓ | 1.4 | PASS | 0.8 | <1-pCi/L | ✓ |
| 11950950 | 11950957 | 1093 | 0.6 | 0.3 | ✓ | 0.6 | PASS | 0.5 | <1-pCi/L | ✓ |
| 11950963 | 11950964 | 1054 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 11950975 | 11950976 | 1013 | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |
| 11950985 | 11950987 | 1025 | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |
| 11950993 | 11950994 | 1030 | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |

**NOTES:**

QC Check #1 - Data Entry

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

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

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

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

| Table 4 - Summary of Invalid Measurement Locations | | |
|---|---|---|
| **Rockville High School** | | |
| **Test Period: 2/3/25 - 2/6/25** | | |
| | | |
| **Kit Number** | **Room/Area** | **Reason** |
| 11950911 | 1002E | Missing Kit |
| 11950938 | 1072 | Missing Kit |
| 11950960 | 1101 | Missing Kit |
| 11950963 | 1054 | Missing Kit |
| 11950964 | 1054 | Missing Kit |
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| Table 1- Radon Testing Results | | |
|---|---|---|
| **Rockville High School RT** | | |
| **Test Period: 3/24/2025 - 3/27/2025** | | |
| | | |
| Kit Number | Room / Area | Result |
| 11892488 | 1054 | < 0.3 |
| 11892489 | 1054 | < 0.3 |
| 11892490 | 1054 | < 0.3 |
| 11892491 | 1054 | < 0.3 |

| Table 2 - Summary Testing Results ≥2.0 pCi/L | | | | | | | |
|---|---|---|---|---|---|---|---|
| Rockville High School RT | | | | | | | |
| Test Period: 3/24/2025 - 3/27/2025 | | | | | | | |
| ≥2.0 and <2.7 pCi/L | | ≥2.7 and <4.0 pCi/L | | ≥4.0 and <8.0 pCi/l | | ≥8.0 pCi/L | |
| Room / Area | Result | Room / Area | Result | Room / Area | Result | Room / Area | Result |
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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| Table 3 - QC Radon Testing Results | | | |
|---|---|---|---|
| Rockville High School RT | | | |
| Test Period: 3/24/2025 - 3/27/2025 | | | |
| | | | |
| **Kit Number** | **QC Type** | **Room / Area** | **Result** |
| 11892490 | D | 1054 | < 0.3 |
| 11892491 | FB | 1054 | < 0.3 |
| 11951800 | OB | OFFICE BLANK | < 0.3 |
| 11892493 | TB | TRAVEL BLANK | < 0.3 |

| Table 3a - Duplicate Worksheet / Data Validation | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Rockville High School RT | | | | | | | | | | |
| Test Period: 3/24/2025 - 3/27/2025 | | | | | | | | | | |
| | | | | | | | | | | |
| Sample ID | | | Duplicate Concentrations (pCi/L) and QC Checks | | | | | | | |
| Kit Numbers | | Room / Area | Higher | Lower | Check #1 (Pass/Fail) | 2x the Lower | Check #2 (Pass/Fail) | Average | Relative Percent Difference (RPD) | Check #3 |
| 11892490 | 11892488<br>11892489 | 1054 | 0.3 | 0.3 | ✓ | 0.6 | PASS | 0.3 | <1-pCi/L | ✓ |

**NOTES:**

QC Check #1 - Data Entry

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

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

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

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

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

# Attachment 2:

# Laboratory Reports

February 10, 2025

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11950912 | 1000 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950923 | 1000A | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950924 | 1000B | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950942 | 1001 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950941 | 1001 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950906 | 1002A | 2025-02-03 @ 8:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950909 | 1002B | 2025-02-03 @ 8:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950908 | 1002C | 2025-02-03 @ 8:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950910 | 1002D | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950914 | 1002G | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950913 | 1002H | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950915 | 1002I | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950917 | 1002K | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950916 | 1002K | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950918 | 1003A | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950927 | 1003C | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950926 | 1003C | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950929 | 1003D | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950936 | 1003F | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950935 | 1003H | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | 0.7 ± 0.3 | 2025-02-10 |
| 11950934 | 1003I | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950930 | 1003J | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950928 | 1003K | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950921 | 1003L | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | 2.0 ± 0.4 | 2025-02-10 |
| 11950922 | 1003L | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | 2.5 ± 0.4 | 2025-02-10 |
| 11950925 | 1003M | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950919 | 1003N | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950920 | 1003O | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950970 | 1005 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950973 | 1011 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950974 | 1011A | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.5 ± 0.3 | 2025-02-10 |
| 11950972 | 1012 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950975 | 1013 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950976 | 1013 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950979 | 1013A | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950977 | 1015 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950978 | 1015 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |

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

February 10, 2025

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11950980 | 1017 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950982 | 1019 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950981 | 1020 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950983 | 1021 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950991 | 1022 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | 0.7 ± 0.3 | 2025-02-10 |
| 11950984 | 1023 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950992 | 1024 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950987 | 1025 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950985 | 1025 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950986 | 1027 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950988 | 1029 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950994 | 1030 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950993 | 1030 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950990 | 1031C | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950989 | 1031C | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950996 | 1032 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950997 | 1032 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950995 | 1033 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950999 | 1035 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950998 | 1036 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11931405 | 1037 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11951000 | 1038 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11931403 | 1039 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950969 | 1049A | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950971 | 1049B | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.5 ± 0.3 | 2025-02-10 |
| 11950933 | 1050 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 10:00 am | < 0.3 | 2025-02-10 |
| 11950968 | 1053 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950967 | 1057 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950966 | 1059 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950937 | 1062 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | 0.7 ± 0.3 | 2025-02-10 |
| 11950945 | 1066 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950944 | 1067 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950931 | 1069 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950932 | 1070 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950943 | 1076 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950952 | 1080 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950951 | 1081 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.5 ± 0.3 | 2025-02-10 |

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

February 10, 2025

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11950940 | 1083 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950939 | 1083 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950947 | 1083F | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950949 | 1084 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | 0.7 ± 0.3 | 2025-02-10 |
| 11950946 | 1084 | 2025-02-03 @ 9:00 am | 2025-02-06 @ 11:00 am | 0.8 ± 0.3 | 2025-02-10 |
| 11950948 | 1087 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950953 | 1089 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950954 | 1091 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950957 | 1093 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950950 | 1093 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950956 | 1095 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |
| 11950955 | 1095 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 1.2 ± 0.3 | 2025-02-10 |
| 11950958 | 1097 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 1.0 ± 0.3 | 2025-02-10 |
| 11950959 | 1103 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950961 | 1105 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.6 ± 0.3 | 2025-02-10 |
| 11950962 | 1107 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 1.0 ± 0.3 | 2025-02-10 |
| 11950965 | 1109 | 2025-02-03 @ 10:00 am | 2025-02-06 @ 11:00 am | 0.8 ± 0.3 | 2025-02-10 |
| 11931404 | 2014 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931409 | 2027 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | 0.8 ± 0.3 | 2025-02-10 |
| 11931410 | 2034 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931412 | 2059 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | 0.7 ± 0.3 | 2025-02-10 |
| 11931406 | 2071 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931411 | 2071 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931407 | 2099 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931408 | 2129 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | 0.7 ± 0.3 | 2025-02-10 |
| 11931401 | 2135 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | 1.2 ± 0.3 | 2025-02-10 |
| 11931415 | 3009 | 2025-02-03 @ 12:00 pm | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931420 | 3009 | 2025-02-03 @ 12:00 pm | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931419 | 3012 | 2025-02-03 @ 12:00 pm | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931414 | 3012 | 2025-02-03 @ 12:00 pm | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11931413 | 3039 | 2025-02-03 @ 11:00 am | 2025-02-06 @ 12:00 pm | < 0.3 | 2025-02-10 |
| 11950907 | MAIN OFFICE | 2025-02-03 @ 8:00 am | 2025-02-06 @ 10:00 am | 0.5 ± 0.3 | 2025-02-10 |

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

February 11, 2025 **** LABORATORY ANALYSIS REPORT ****

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

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11931691 | O | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |

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February 11, 2025 **** LABORATORY ANALYSIS REPORT ****

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

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11931692 | T | 2025-02-03 @ 11:00 am | 2025-02-06 @ 11:00 am | < 0.3 | 2025-02-10 |

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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 February 3rd – February 6th, 2025

Name of Schools:

1. A. Mario Loiederman MS
2. Parkland MS
3. Rockville HS
4. Stone Mill ES
5. Wyngate ES

---

| | Date | Initials |
|---|---|---|
| Radon Test Kits Deployed | 2/3/2025 | |
| Radon Test Kits Collected | 2/6/2025 | |
| Radon Test Kits Shipped to Lab* | 2/6/2025 | |
| Radon Test Kits Received by Lab* | 2/8/2025 | |

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

April 2, 2025

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11892488 | 1054 | 2025-03-24 @ 3:00 pm | 2025-03-27 @ 2:00 pm | < 0.3 | 2025-04-02 |
| 11892489 | 1054 | 2025-03-24 @ 3:00 pm | 2025-03-27 @ 2:00 pm | < 0.3 | 2025-04-02 |
| 11892490 | 1054 | 2025-03-24 @ 3:00 pm | 2025-03-27 @ 2:00 pm | < 0.3 | 2025-04-02 |
| 11892491 | 1054 | 2025-03-24 @ 3:00 pm | 2025-03-27 @ 2:00 pm | < 0.3 | 2025-04-02 |

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

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

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

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

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

April 3, 2025

# ** LABORATORY ANALYSIS REPORT **

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

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

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

# EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCI TECHNOLOGIES, INC Job Number 20002919

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

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

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

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

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

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

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

KCI TECHNOLOGIES

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 March 24th – March 27th, 2025

Name of Schools:

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

---

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

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

KCI TECHNOLOGIES

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

# MCPS RADON TESTING – EXECUTIVE SUMMARY

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

## Project Status

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

KCI TECHNOLOGIES

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May 12, 2022

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

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

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

Dear Mr. Croyle:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to Montgomery County Public Schools (MCPS) pursuant to completing a "short-term" 3 day radon test for the Rockville High School, located at 2100 Baltimore Rd. Rockville, MD 20851 (subject site).

**Scope of Services:**

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

KCI visited the site on March 22, 2022 and deployed three (3) activated charcoal (AC) radon test kits. KCI deployed radon test kits in all frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance.

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

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

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

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

KCI returned to the site on March 25, 2022 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Airchek, Inc. for analysis by gamma-ray spectroscopy. Airchek, Inc. is a NRSB certified analytical laboratory for radon analysis (certification # ARL1402) located at 1936 Butler Bridge Road, Mills River, North Carolina.

**Evaluation of Testing Conditions:**

These tests represent:

- Follow-up to initial testing.

These tests were conducted to:

- Evaluate radon concentrations at the facility.

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

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

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

KCI also compiled weather data for the testing period and conducted observations of relevant field conditions. During the test period, weather records indicate low temperatures were in the low 40°Fs and high temperatures ranged from the low 50°Fs to the low 70°Fs. Maximum sustained winds ranged from 0-29 miles per hour. Average humidity was around 56% with 0.51 inches of precipitation (rain) was recorded during testing period.

**Results:**

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

The results of the radon test analysis indicated the following:

| Radon Concentration | Room | Result |
|---|---|---|
| **≥4.0 piC/L** | None | N/A |
| **<4.0 piC/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 McCleaf

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
QC- Quality Control

| Table 1- Radon Testing Results | | |
|---|---|---|
| Rockville HS RT | | |
| Test Period: 03/22/2022 - 03/25/2022 | | |
| | | |
| Kit Number | Room / Area | Result |
| 11131719 | 1001 | < 0.3 |
| 11131720 | 1001 | < 0.3 |
| 11131754 | 1001 | < 0.3 |

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

| Summary of Missed Locations | | |
|---|---|---|
| Rockville HS RT | | |
| Test Period: 03/22/22 - 03/25/22 | | |
| | | |
| Kit Number | Room/Area | Result |
| | NA | |
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| Summary of Missing, Compromised and >/= 4 piC/L Tests | | |
|---|---|---|
| Rockville HS RT | | |
| Test Period: 03/22/22 - 03/25/22 | | |
| | | |
| Kit Number | Room/Area | Result |
| | NA | |
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Table Note:

* Missing or Compromised Sample

# ATTACHMENT C

# Laboratory Analytical Results

March 28, 2022

# ** LABORATORY ANALYSIS REPORT **

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

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

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

# EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCI Technologies, Inc. Job Number 204620

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

| | |
|---|---|
| Date Start: 3/18/22 Date Stop: 3/21/22 | Date Start: _____ Date Stop: _____ |
| Time Start: 0705 Time Stop: 0705 | Time Start: _____ Time Stop: _____ |
| Device No.'s: (5) Char Bags - | Device No.'s: _____ |
| 11139367, 11139368, 11139371, | _____ |
| 11139710, 11139717 | _____ |
| E3 Eight | _____ |
| Date Start: _____ Date Stop: _____ | Date Start: _____ Date Stop: _____ |
| Time Start: _____ Time Stop: _____ | Time Start: _____ Time Stop: _____ |
| Device No.'s: _____ | Device No.'s: _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| Date Start: _____ Date Stop: _____ | Date Start: _____ Date Stop: _____ |
| Time Start: _____ Time Stop: _____ | Time Start: _____ Time Stop: _____ |
| Device No.'s: _____ | Device No.'s: _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

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

March 30, 2022

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

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

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

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

KCI TECHNOLOGIES

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

# Radon Test Kit Chain of Custody

Project Name: MCPS Radon – March 2022 Schools – Retesting

Name of Schools:

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

---

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

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

KCI TECHNOLOGIES

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# MCPS RADON TESTING – EXECUTIVE SUMMARY

| Site Name | Rockville High School |
|---|---|
| Date of Test Report | 4/6/2022 |
| Round of Testing | Initial<br>Follow-up<br>Post Remediation<br>2 Year Testing<br>5 Year Testing<br>HVAC Upgrade<br>Window Replacement<br>New Addition<br>New Facility |
| # Rooms Tested | 117 |
| # Rooms ≥ 4.0 pCi/L | 0 |
| Lowest Value | <0.3 pCi/L |
| Highest Value | 1.1 pCi/L |

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

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936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

April 6, 2022

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

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

Location: Rockville HS
2100 Baltimore Rd.
Rockville, MD 20851

Dear Mr. Croyle:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to Montgomery County Public Schools (MCPS) pursuant to completing a "short-term" 3 day radon test for the Rockville HS, located at 2100 Baltimore Rd. Rockville, MD 20851 (subject site).

**Scope of Services:**

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

KCI visited the site on February 7, 2022 and deployed one hundred and thirty five (135) activated charcoal (AC) radon test kits. KCI deployed radon test kits in all frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance.

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

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

KCI returned to the site on February 10, 2022 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Airchek, Inc. for analysis by gamma-ray spectroscopy. Airchek, Inc.

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

**Evaluation of Testing Conditions:**

These tests represent:

- 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 piC/L** | None | N/A |
| **<4.0 piC/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 McCleaf

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
QC- Quality Control

| Table 1- Radon Testing Results | | |
|---|---|---|
| Rockville HS | | |
| Test Period: 02/7/2022 - 02/10/2022 | | |
| | | |
| Kit Number | Room / Area | Result |
| 11113403 | 1000 | < 0.3 |
| 11113401 | 1001 | < 0.3 |
| 11113402 | 1001 | NA |
| 11105831 | 1002 | < 0.3 |
| 11113438 | 1003 | < 0.3 |
| 11113437 | 1005 | 0.5 |
| 11113423 | 1011 | 0.6 |
| 11113435 | 1012 | 0.6 |
| 11113421 | 1013 | < 0.3 |
| 11113422 | 1013 | < 0.3 |
| 11113420 | 1015 | < 0.3 |
| 11113419 | 1017 | 0.8 |
| 11113418 | 1019 | < 0.3 |
| 11113436 | 1020 | 0.7 |
| 11113417 | 1021 | 0.6 |
| 11113431 | 1022 | 0.6 |
| 11113432 | 1022 | < 0.3 |
| 11113433 | 1022 | < 0.3 |
| 11113416 | 1023 | < 0.3 |
| 11113430 | 1024 | < 0.3 |
| 11113415 | 1025 | 0.8 |
| 11113414 | 1027 | 0.7 |
| 11113434 | 1029 | < 0.3 |
| 11113429 | 1030 | < 0.3 |
| 11113428 | 1032 | < 0.3 |
| 11113409 | 1033 | 0.7 |
| 11113408 | 1035 | 0.8 |
| 11113427 | 1036 | 0.6 |
| 11113407 | 1037 | 0.6 |
| 11113426 | 1038 | 0.5 |
| 11113406 | 1039 | 0.8 |
| 11113455 | 1049 | 0.5 |
| 11113469 | 1050 | < 0.3 |
| 11105897 | 1054 | 0.6 |
| 11105899 | 1054 | < 0.3 |
| 11105891 | 1057 | < 0.3 |
| 11105892 | 1057 | 0.7 |
| 11105893 | 1057 | < 0.3 |
| 11105894 | 1059 | < 0.3 |
| 11105895 | 1060 | < 0.3 |
| 11105844 | 1062 | 1.1 |
| 11113456 | 1067 | 0.8 |

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

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

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

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

| Summary of Missed Locations | | |
|---|---|---|
| Rockville HS | | |
| Test Period: 02/7/22 - 02/10/22 | | |
| | | |
| Kit Number | Room/Area | Result |
| | NA | |
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| Summary of Missing, Compromised and >/= 4 piC/L Tests | | |
|---|---|---|
| Rockville HS | | |
| Test Period: 02/7/22 - 02/10/22 | | |
| | | |
| Kit Number | Room/Area | Result |
| 1113402 | 1001 | Compromised |
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Table Note:
* Missing or Compromised Sample

# ATTACHMENT C

# Laboratory Analytical Results

February 15, 2022 **** LABORATORY ANALYSIS REPORT ****

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

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

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

February 15, 2022 **** LABORATORY ANALYSIS REPORT ****

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

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

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February 15, 2022 **** LABORATORY ANALYSIS REPORT ****

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

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

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February 15, 2022 **** LABORATORY ANALYSIS REPORT ****

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

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

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February 15, 2022 **** LABORATORY ANALYSIS REPORT ****

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

| Kit # | Room Id | Started | Ended | pCi/L | Analyzed |
|---|---|---|---|---|---|
| 11113446 | 1003J | 2022-02-07 @ 9:00 am | 2022-02-10 @ 2:00 pm | < 0.3 | 2022-02-14 |
| 11113451 | 1003N | 2022-02-07 @ 9:00 am | 2022-02-10 @ 2:00 pm | < 0.3 | 2022-02-14 |
| 11113414 | 1027 | 2022-02-07 @ 10:00 am | 2022-02-10 @ 3:00 pm | 0.7 ± 0.3 | 2022-02-14 |
| 11105851 | 1077 | 2022-02-07 @ 9:00 am | 2022-02-10 @ 2:00 pm | < 0.3 | 2022-02-14 |

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# EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCI Technologies, Inc. Job Number 204186

NOMINAL Conditions: Radon Conc 25.8 pCi/L Rel. Hum 59.1 % 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, 11192998, 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 ± 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 |

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

KCI TECHNOLOGIES

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS
Corporate Office: 936 Ridgebrook road • Sparks , Maryland 21152 • 410-316-7800 • (Fax) 410-316-7935

# Radon Test Kit Chain of Custody

Project Name: MCPS Radon – February 2022 Schools

Name of Schools:

1. Lincoln Center
2. Wootton HS
3. Rockville HS
4. Richard Montgomery HS
5. Rocking Horse Rd. Center
6. Blair G. Ewing Center
7. Twinbrook ES
8. Rock Creek Valley ES
9. Luxmanor ES
10. Tilden MS

---

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

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

# RADON SCREENING SURVEY – FOLLOW-UP ROCKVILLE HIGH SCHOOL

## 2100 Baltimore Road, Rockville Maryland 20851

EXECUTIVE SUMMARY

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

**Summary of Sampling Events ≥ 4.0 pCi/L**

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

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

# MCPS RADON TESTING

## Executive Summary: Rockville High School

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

Project Status:
Retesting completed; no further action at this time.

KCI TECHNOLOGIES

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

April 6, 2016

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

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

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

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) pursuant to completing a "short-term" 3 day radon test for the Rockville High School, located at 2100 Baltimore Road in Rockville, Maryland 20851 (subject site).

**Scope of Services:**

KCI conducted radon testing at the subject site to evaluate indoor radon levels relative to the USEPA's recommended action level of 4.0 picocuries per Liter (pCi/L) - the level at which EPA recommends that schools take action to reduce the level. KCI conducted the radon testing in accordance with American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*. A National Radon Safety Board (NRSB) Radon Measurement Specialist (certification #14SS056) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from www.montgomerycountymd.gov/dep/air/radon or www.epa.gov/radon.

KCI visited the site on March 21, 2016 and deployed five (5) activated charcoal (AC) radon test kits. KCI deployed radon test kits in frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance. A floor plan map of the building with the test locations is included as Attachment A of this report.

As a quality control measure, KCI included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted six (6) test kits to TCS Industries Inc. as spike samples. The spiked tests were exposed to a known radon concentration by TCS prior to being returned to the laboratory for analysis.

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

Zion Road, Lebanon, Pennsylvania.

**Evaluation of Testing Conditions:**

The operating condition that represents the greatest amount of significantly occupied time for this building is; heating active, with outdoor temperature averages ≤ 65° 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 piC/L** | none | n/a |
| **<4.0 piC/L** | See Attachment B | |

Notes:
D- Duplicate sample

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

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

Our professional services have been performed in accordance with customary principles and practices in the field of industrial hygiene and engineering. If you have any questions or comments regarding this report, please feel free to contact me at (410) 316-7800.

Sincerely,

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

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

# ATTACHMENT A

## Floor Plan With Test Locations

# ATTACHMENT B

## Radon Test Summary Spreadsheet

**Table Notes:**

AC- Activated Charcoal

ACI- Air Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank*

PM- Project Manager

QC- Quality Control

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

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

Table Note:
* Missing or Compromised Sample

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

Table Note:
* Missing or Compromised Sample

# ATTACHMENT C

## Laboratory Analytical Results

AccuStar
Professional Radon Laboratory Services Since 1984

# Radon in Air

NRPP 10511AL
NRSB ARL0007

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

Laboratory Report for:

KCI Technologies
936 Ridgebrook Rd
Sparks MD 21152

Property Tested: Project # 12146341

Rockville HS
2100 Baltimore Road
Rockville MD 20851

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

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

Distributed by: KCI Technologies, Inc.

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

Report Reviewed By: Grace Ebenezer Report Approved By: Carolyn D. Koke

Carolyn D. Koke, President, AccuStar Labs

**Disclaimer:**

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

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

AccuStar
Professional Radon Laboratory Services Since 1984

AccuStar Labs
11 Awl Street
Medway MA 02053

888-480-8812
www.accustarlabs.com

# Radon Device Type Open Face Canister

**Send Written Report To:**

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

**Site Tested:**

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

**Contact Information:**

Contact: Tehsin Aurangabadwala
Telephone: 410-891-1726

Technician:
Cert. Number:
Signature:

| Lab Use Only | Device Number | Building Number | Unit Number | Floor | Name of Room | Start Date mm/dd/yyyy | Start Time hh:mm am / pm | Stop Date mm/dd/yyyy | Stop Time hh:mm am / pm | Lab Use Only |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Temp | | | | | |
| | 3029259 | | 1003L | 1 | M2 | 3/21/2016 | 2^00 pm | 3/24/16 | 12^00 pm | |
| | 3029124 | | 1080 | 1 | | 3/21/2014 | 2^05 pm | | 12^05 pm | |
| | 3029123 | | 1080 | 1 | | 3/21/2014 | 2^07 pm | | 12^06 pm | |
| | 3029122 | | 2067 | 2 | | 3/21/2016 | 2^10 pm | | 12^10 pm | |
| | 3029130 | | 3009 | 3 | | 3/21/2016 | 2^15 pm | | 12^15 pm | |
| | | | | | | | | | | |
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Rev E1512

***Test must start before the expiration date shown on your device or test results will be invalid***

AccuStar
Professional Radon Laboratory Services Since 1984

# Radon in Air

NRPP 10511AL
NRSB ARL0007

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

Laboratory Report for:

KCI Technologies
936 Ridgebrook Rd
Sparks MD 21152

Property Tested: Project # 12146341

MCPS Radon Phase 11 (re-testing) Office Blank

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

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

Distributed by: KCI Technologies, Inc.

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

Report Reviewed By: Grace E Hebner

Report Approved By: Carolyn D. Koke

Carolyn D. Koke, President, AccuStar Labs

**Disclaimer:**

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AccuStar
Professional Radon Laboratory Services Since 1984

AccuStar Labs
11 Awl Street
Medway MA 02053
888-480-8812
www.accustarlabs.com

# Radon Device Type Open Face Canister

**Send Written Report To:**

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

**Site Tested:**

| | |
|---|---|
| Site Name | KCI OFFICE |
| Address | 936 RIDGEBROOK RD |
| Address | |
| City / Town | SPARKS |
| State/Province Postal Code | MD 21152 |
| Test Country | Montgomery County |
| Project Number | 12146341 |

**Contact Information:**

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

| Lab Use Only | Device Number | Building Number | Unit Number | Floor | Name of Room Temp | Start Date mm/dd/yyyy | Start Time hh:mm am / pm | Stop Date mm/dd/yyyy | Stop Time hh:mm am / pm | Lab Use Only |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3029232 | | 0 | 1 | MAIN 72 | 3/21/2016 | 8:00AM | 3/24/2016 | 8:00 AM | |
| | | | | | | | | | | |
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Rev E1512

***Test must start before the expiration date shown on your device or test results will be invalid***

AccuStar
Professional Radon Laboratory Services Since 1984

# Radon in Air

NRPP 10511AL
NRSB ARL0007

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

Laboratory Report for:

KCI Technologies
936 Ridgebrook Rd
Sparks MD 21152

Property Tested:

MCPS
Transit Blanks

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

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

Distributed by: KCI Technologies, Inc.

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

Report Reviewed By: Crystal Bates Report Approved By: Carolyn D. Koke

Carolyn D. Koke, President, AccuStar Labs

**Disclaimer:**

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

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

RECEIVED JAN 27 2016

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

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

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

## Test Site Info

Name of Building/Project or Owner Transit

Site Address: Transit

City: _____ State _____ Zip _____ County _____

Projects Contact Name: Jon Coale Phone: _____ Email: _____

Multi-Page Report Y-N

| Detector Serial# | ROOM NAME & NUMBER - LOCATION OF DETECTOR IN ROOM (indicate duplicates and blanks) | | Floor | Start Date | Start Time Include AM/PM | Stop Date | Stop Time Include AM/PM | LAB USE ONLY Wgt. Gain | LAB USE ONLY pCi/L |
|---|---|---|---|---|---|---|---|---|---|
| 12 3028953 | Transit | 3010588 | 1 | 1/19/16 | 1:00pm | 1/22/16 | 9:30am | | <0.4 |
| 1 8955 | Transit | 3010589 | 1 | 1/19/16 | ↓ | ↓ | ↓ | | <0.4 |
| 2 8954 | Transit | 3010590 | 1 | 1/19/16 | | | | | <0.4 |
| 3 8997 | Transit | 3010591 | 1 | 1/19/16 | | | | | <0.4 |
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KCI Technologies, Inc. 1/27/2016
3010588 **3028953** ACPC275B EXP12/31/2018

**Structure Type:** (circle one or more) Basement - Crawlspace - Slab on Grade - Other

**Test Purpose:** (Circle all that apply) Initial Screening - Follow Up Test - Post Mitigation - Real Estate - Other

**Building Type:** (Circle One) Residential - Non Residential; Private Day Care - Private School; Day Care in Public School - Public School

**Both Placed by and Retrieved by signatures are required** Certified Tester's Name # 

**Canisters placed by** _____ #_____

**Canisters retrieved by** _____ #_____

Owner waives confidentiality by signing here _____ Date 1/22/16

Were general operating conditions maintained? Yes - No explain if NO

Were closed building conditions maintained? Yes - No explain if NO

Normal Temp. Yes - No
Normal Humidity Yes - No
Windy Y-N Rainy Y-N

**Send Results To:**

Company Name: KCI Tech Attention: James Moulsdale

Address: 936 Ridgebrook

City: Sparks State: MD Zip 21152

Phone: 410-584-3826 Fax:

EMAIL Results to: James.Moulsdale@kci.com

Make sure information is complete and correct.

If a recalculation is requested there is a $10.00 recalc fee PER Canister.

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

# TCS INDUSTRIES, INC.

(717) 657-7032 RADON GAS DETECTION

www.radondetek.com 4326 Crestview Road, Harrisburg, PA 17112


James Moulsdale
KCI
936 Ridgebrook Rd.
Sparks, MD 21152

April 04, 2016

Dear Mr. Moulsdale:

The spike exposure data were:

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

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

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

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

Sincerely,

Carl H. Distenfeld, CHP

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

AccuStar
Professional Radon Laboratory Services Since 1984

# Radon in Air

NRPP 10511AL
NRSB ARL0007

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

Laboratory Report for:

KCI Technologies
936 Ridgebrook Rd
Sparks MD 21152

Property Tested:

MCPS
Radon Spike Sample Laboratory Results

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

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

Distributed by: KCI Technologies, Inc.

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

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

Report Reviewed By: _____ Report Approved By: _____

Carolyn D. Koke, President, AccuStar Labs

**Disclaimer:**

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AccuStar
Professional Radon Laboratory Services Since 1984

AccuStar Labs
11 Awl Street
Medway MA 02053

888-480-8812
www.accustarlabs.com

# Radon Device Type Open Face Canister

**Send Written Report To:**

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

**Site Tested:**

| | |
|---|---|
| Site Name | MCPS |
| Address | 850 Hungerford Dr |
| Address | |
| City / Town | Rockville |
| State/Province Postal Code | MD 20850 |
| Test Country | Montgomery County |
| Project Number | 12146341 |

**Contact Information:**

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

| Lab Use Only | Device Number | Building Number | Unit Number | Floor | Name of Room Temp | Start Date mm/dd/yyyy | Start Time hh:mm am / pm | Stop Date mm/dd/yyyy | Stop Time hh:mm am / pm | Lab Use Only |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3029166 | 1 | | 1 | 1 | 4/4/16 | 11:10am | 4/6/16 | 11:13am | |
| | 3029214 | 1 | | 1 | 2 | | | | | |
| | 3029217 | 1 | | 1 | 3 | | | | | |
| | 3029218 | 1 | | 1 | 4 | | | | | |
| | 3029219 | 1 | | 1 | 5 | | | | | |
| | 3029220 | 1 | | 1 | 6 | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Rev E1512

***Test must start before the expiration date shown on your device or test results will be invalid***

KCI TECHNOLOGIES

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

# MCPS RADON TESTING

## Executive Summary: Rockville High School

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

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

KCI TECHNOLOGIES

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

February 10, 2016

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

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

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

Dear Mr. Cox:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) pursuant to completing a "short-term" 3 day radon test for the Rockville High School, located at 2100 Baltimore Road in Rockville, Maryland 20851 (subject site).

**Scope of Services:**

KCI conducted radon testing at the subject site to evaluate indoor radon levels relative to the USEPA's recommended action level of 4.0 picocuries per Liter (pCi/L) - the level at which EPA recommends that schools take action to reduce the level. KCI conducted the radon testing in accordance with American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings*. A National Radon Safety Board (NRSB) Radon Measurement Specialist (certification #14SS056) supervised the testing. Additional information on radon management and the health effects of radon exposure is available from www.montgomerycountymd.gov/dep/air/radon or www.epa.gov/radon.

KCI visited the site on January 11, 2016 and deployed one hundred thirty (130) activated charcoal (AC) radon test kits. KCI deployed radon test kits in frequently-occupied ground contact rooms, and other areas, (if applicable) in accordance with AARST guidance. A floor plan map of the building with the test locations is included as Attachment A of this report.

As a quality control measure, KCI included duplicate samples, field blanks, lab transit blanks, and office blanks in accordance with AARST recommendations. In addition, KCI submitted six (6) test kits to Bowser-Morner, Inc. as spike samples. The spiked tests were exposed to a known radon concentration by Bowser-Morner prior to being returned to the laboratory for analysis.

KCI returned to the site on January 14, 2016 to retrieve the radon sampling test kits. KCI shipped all radon tests via overnight delivery to Airchek, Inc. for analysis by gamma-ray spectroscopy. Airchek, Inc. is a NRSB certified analytical laboratory for radon analysis (certification # ARL1402) located at 1936

Butler Bridge Road, Mills River, North Carolina.

**Evaluation of Testing Conditions:**

The operating condition that represents the greatest amount of significantly occupied time for this building is; heating active, with outdoor temperature averages ≤ 65° 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 piC/L** | none | n/a |
| **<4.0 piC/L** | See Attachment B | |

Notes:
D- Duplicate sample

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

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

Our professional services have been performed in accordance with customary principles and practices in the field of industrial hygiene and engineering. If you have any questions or comments regarding this report, please feel free to contact me at (410) 316-7800.

Sincerely,

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

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

# ATTACHMENT A

## Floor Plan With Test Locations

# ATTACHMENT B

# Radon Test Summary Spreadsheet

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

Table Note:
* Missing or Compromised Sample

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

Table Note:
* Missing or Compromised Sample

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

Table Note:
* Missing or Compromised Sample

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

Table Note:
* Missing or Compromised Sample

**Table Notes:**

AC- Activated Charcoal

ACI- Air Chek, Inc.

D- Duplicate

FB- Field Blank

KCI- KCI Technologies, Inc.

OB- Office Blank

PM- Project Manager

QC- Quality Control

# ATTACHMENT C

## Laboratory Analytical Results

February 10, 2016

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

**ROCKVILLE HIGH SCHOOL**
**MAIN**

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

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

February 10, 2016

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

**ROCKVILLE HIGH SCHOOL**
**MAIN**

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

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

February 10, 2016

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

**ROCKVILLE HIGH SCHOOL**
**MAIN**

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

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February 10, 2016

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

**ROCKVILLE HIGH SCHOOL**
**MAIN**

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

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February 2, 2016

# ** LABORATORY ANALYSIS REPORT **

Radon test result report for:

**MCPS PHASE 5 & 6**
**TRANSIT BLANKS**

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

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

December 23, 2015

# ** LABORATORY ANALYSIS REPORT **

Spike Sample Laboratory Results

Radon test result report for:

**MCPS**

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

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

# EXPOSURE IN BOWSER-MORNER RADON CHAMBER

CLIENT KCI Technologies Inc. Job Number 173224

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

| | |
|---|---|
| Date Start: 12/18/15 Date Stop: 12/21/15 | Date Start: _____ Date Stop: _____ |
| Time Start: 0929 Time Stop: 0929 | Time Start: _____ Time Stop: _____ |
| Device No.'s: 7705132, 7706208, 7706211, 7706366, 7706380, 7706381 F3 Left | 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: _____ |
| 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**

KCI TECHNOLOGIES

ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS

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

# Chain of Custody

Project Name: MCPS Radon Phase V

Name of Schools:

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

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

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