|  |
| --- |
| ***RADON SCREENING SURVEY***  Abington Early Education/Pre-K, Middle, High School 201 Gliniewicz Way Abington, MA  **Abington Early Education/Pre-K, Middle, High School**  **201 Gliniewicz Way**  **Abington, MA**  Prepared by:  Massachusetts Department of Public Health  Bureau of Environmental Health  Indoor Air Quality Program  Radon Assessment Unit  May, 2019 |

# Background

|  |  |
| --- | --- |
| Dates of Assessment: | 3/18/2019 through 3/20/2019 |
| Building Name: | Abington Early Education/PreK, Middle, High School |
| Address: | 201 Gliniewicz Way, Abington, MA |
| Assessment Requested by: | Abington Public School Dept. |
| Massachusetts Department of Public Health Bureau of Environmental Health (MDPH/BEH) Staff Conducting Assessment: | Lisa A. Hébert, Senior Technical Radon Specialist, Indoor Air Quality (IAQ) Program, Radon Unit |

# Methods

Radon samples were collected for the purpose of this radon survey using the United States Environmental Protection Agency (US EPA) Method #402-R-92-004 Liquid Scintillation (LS). Sampling devices were obtained through AccuStar Labs, a certified radon laboratory. One hundred seventy nine devices were deployed throughout the building for a minimum 48-hour time period. Devices were deployed on 3/18/2019 and collected on 3/20/2019.

# Results

Tests were taken during normal operations at Abington Early Education/Pre-K, Middle, High School. Of the 179 areas where test devices were deployed, devices from 175 areas were collected and submitted to AccuStar Labs. The lab results from the survey appear in Appendix A.

# Discussion

Radon Unit staff reviewed the lab results from AccuStar Labs and found all quality assurance parameters within acceptable limits. Appendix A shows that radon levels in the building ranged from less than 0.4pCi/L to 5.7pCi/L. Two areas screened had radon levels above the US EPA action guideline of 4 picocuries per liter of air pCi/L (Custodial Rm (adjacent to 1007, Room M1-A). Both rooms are currently unoccupied. Radon levels were not elevated elsewhere. Please note that four vials could not be submitted due to being missing/tampered/found on floor. Five additional areas were not tested due to either lack of access or due to being unoccupied spaces. These areas were:

• IDF4 - (Vial # 3136166)

• High School Boys Locker Rm – (Vial # 3136126)

• Middle School Boys Locker Rm – (Vial # 3136129)

• Middle School Girls Locker Rm – (Vial # 3136130)

• Electric and IDF rooms adjacent to HS Men’s Locker Rm

• Storage room in athletic office 1026

• 1204C Acid Tank Room

• Custodial near 1226

## Radon Gas

According to the National Research Council (NRC, 1999), “low levels of radon are present in all the air we breathe.” Radon is a naturally occurring, radioactive gas that is produced by the natural decay of uranium in the soil. The average outdoor radon level is about 0.4 pCi/L (US EPA, 2009). Once radon is formed, it migrates through various pathways in the soil and can enter a building through cracks, holes, and joints in a building’s foundation (US EPA, 2009). The EPA recommends mitigation for indoor radon levels at or above 4 pCi/L.

According to the US EPA (2009), radon gas “decays into radioactive particles that can get trapped in your lungs when you breathe. As they break down further, these particles release small bursts of energy.” This activity can damage your lung tissue and increase a person’s risk of developing lung cancer (US EPA, 2009). Radon is the leading cause of lung cancer in non-smokers. In 2005, the U.S. Surgeon General issued a health advisory stating that indoor radon is the second leading cause of lung cancer (US EPA, 2013).

# Recommendations

Based on the measurements and observations made during the visit, the following recommendations are made.

It would be prudent to contact ***certified*** radon measurement and mitigation specialists to confirm the results found (Rooms 1007, M1-A) and to assess any occupied rooms above the rooms in question and to mitigate any elevated areas. The two organizations that certify radon measurement and mitigation specialists are:

National Radon Safety Board (NRSB) [www.nrsb.org](http://www.nrsb.org)

American Association of Radon Scientists and Technologists (AARST) <http://aarst-nrpp.com/wp/>.

It would be prudent for your radon measurement specialist to test areas with missing/disturbed/tampered sampling devices, untested occupied rooms above unoccupied untested areas during confirmation testing. These areas include:

IDF4

High School Boys Locker Rm

Middle School Boys Locker Rm

Middle School Girls Locker Rm

Electric and IDF rooms adjacent to HS Men’s Locker Rm

Storage room in athletic office 1026

1204c Acid tank room

Custodial near 1226

Refer to resource manual and other related IAQ documents located on the MDPH’s website for further building-wide evaluations and advice on maintaining public buildings. These documents are available at: <http://mass.gov/dph/iaq>.

If you have any questions or concerns, please call the Massachusetts Department of Public Health Radon Assessment Unit at (413) 586-7525.

**References**

National Research Council (NRC). 1999. *Risk Assessment of Radon in Drinking Water,* National Academy Press.

United States Environmental Protection Agency (US EPA). 2009. “A Citizen’s Guide to Radon. The Guide To Protecting Yourself and Your Family From Radon”. US Environmental Protection Agency. EPA402/K-09/001. January 2009.

United States Environmental Protection Agency (US EPA). 2013. “Home Buyers and Seller’s Guide to Radon”. US Environmental Protection Agency. EPA402/K-13/002. September 2013.

**Appendix A**

**Radon Survey Results**

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455783 3135886

2455784 3135887

2455785 3135888

2455786 3135889

2455787 3135890

2455788 3135891

2455789 3135892

2455790 3135893

2455791 3135894

2455792 3135895

2455793 3135896

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

1:30 pm

1:40 pm

1:40 pm

1:40 pm

1:45 pm

1:50 pm

1:55 pm

1:55 pm

2:00 pm

2:00 pm

2:05 pm

03/20/2019 2:45 pm

03/20/2019 2:50 pm

03/20/2019 2:50 pm

03/20/2019 2:50 pm

03/20/2019 2:50 pm

03/20/2019 2:55 pm

03/20/2019 2:55 pm

03/20/2019 2:55 pm

03/20/2019 2:55 pm

03/20/2019 3:00 pm

03/20/2019 3:00 pm

Room M-1 Mechanical Room E-1

Room EE-1

Room 1005 Room MDF1 Room 1006A Room 1006B Room MDF-2 Room 1006C Room 1006D Room 1007

< 0.4

< 0.4

< 0.4

0.4

0.4

0.7

0.7

1.5

0.8

0.7

0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455794 3135897

2455795 3135898

2455796 3135899

2455797 3135900

2455798 3136101

2455799 3136102

2455800 3136103

2455801 3136104

2455802 3136105

2455803 3136106

2455804 3136107

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

2:05 pm

1:55 pm

1:55 pm

2:05 pm

2:15 pm

2:20 pm

2:25 pm

2:25 pm

2:30 pm

2:35 pm

2:35 pm

03/20/2019 3:00 pm

03/20/2019 2:55 pm

03/20/2019 2:55 pm

03/20/2019 3:05 pm

03/20/2019 3:10 pm

03/20/2019 3:10 pm

03/20/2019 3:10 pm

03/20/2019 3:10 pm

03/20/2019 3:15 pm

03/20/2019 3:15 pm

03/20/2019 3:15 pm

Room Custodial QA-1

QA-2

QA-3

Room 1008B

Room Middle School Gym NW Room Middle School Gym NE Room Gym Storage 1010D

Room Gym Storage and Workout 1010C Room HS Gym 1010B NE

Room HS Gym 1010B SE

4.5

1.0

1.5

< 0.4

< 0.4

< 0.4

< 0.4

0.5

< 0.4

< 0.4

0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455805 3136108

2455806 3136109

2455807 3136110

2455808 3136111

2455809 3136113

2455810 3136114

2455811 3136115

2455812 3136116

2455813 3136117

2455814 3136118

2455815 3136119

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

2:40 pm

2:40 pm

2:45 pm

2:50 pm

2:50 pm

2:50 pm

2:50 pm

2:55 pm

2:55 pm

3:00 pm

2:15 pm

03/20/2019 3:20 pm

03/20/2019 3:20 pm

03/20/2019 3:20 pm

03/20/2019 3:20 pm

03/20/2019 3:25 pm

03/20/2019 3:25 pm

03/20/2019 3:25 pm

03/20/2019 3:30 pm

03/20/2019 3:30 pm

03/20/2019 3:35 pm

03/20/2019 3:10 pm

Room HS Gym 1010B SW Room HS Gym 1010B NW Room 1015 Fitness Center Room 1017 Auditorium E Room 1017 Auditorium W Room Stage Left

Room Stage Right

Room 1017 Auditorium Upper Room 1016 Athletic Office Room 1013

QA-4

< 0.4

< 0.4

< 0.4

0.4

0.5

0.4

0.4

0.4

0.9

0.4

0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455816 | 3136120 | 03/18/2019 | 2:55 pm | 03/20/2019 | 3:30 pm | QA-5 | 1.0 |
| 2455817 | 3136121 | 03/18/2019 | 3:00 pm | 03/20/2019 | 3:35 pm | QA-6 | < 0.4 |
| 2455818 | 3136122 | 03/18/2019 | 3:05 pm | 03/20/2019 | 3:50 pm | Room HS Girls 1012D | 0.4 |
| 2455819 | 3136123 | 03/18/2019 | 3:05 pm | 03/20/2019 | 3:50 pm | Girls Locker Room | 0.5 |
| 2455820 | 3136124 | 03/18/2019 | 3:10 pm | 03/20/2019 | 3:55 pm | Room Girls Locker Office | 0.4 |
| 2455821 | 3136125 | 03/18/2019 | 3:15 pm | 03/20/2019 | 3:40 pm | Room Custodial | 2.3 |
| 2455822 | 3136127 | 03/18/2019 | 3:20 pm | 03/20/2019 | 3:45 pm | Room HS 1011D | 1.7 |
| 2455823 | 3136128 | 03/18/2019 | 3:20 pm | 03/20/2019 | 3:44 pm | Room HS Locker 1011A | 0.5 |
| 2455824 | 3136131 | 03/18/2019 | 3:35 pm | 03/20/2019 | 4:00 pm | Room 1003 Music | 0.6 |
| 2455825 | 3136132 | 03/18/2019 | 3:35 pm | 03/20/2019 | 4:00 pm | Room 1003C | 0.6 |
| 2455826 | 3136133 | 03/18/2019 | 3:40 pm | 03/20/2019 | 4:05 pm | Room 1003B | 0.8 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455827 | 3136134 | 03/18/2019 | 3:40 pm | 03/20/2019 | 4:05 pm | Room 1003A | 0.6 |
| 2455828 | 3136135 | 03/18/2019 | 3:40 pm | 03/20/2019 | 4:05 pm | Room 1004 | 0.9 |
| 2455829 | 3136136 | 03/18/2019 | 3:45 pm | 03/20/2019 | 4:10 pm | Room IDF1-A | 0.7 |
| 2455830 | 3136137 | 03/18/2019 | 3:45 pm | 03/20/2019 | 4:10 pm | Room M1-A | 5.7 |
| 2455831 | 3136138 | 03/18/2019 | 3:45 pm | 03/20/2019 | 4:10 pm | Room E1-A | 0.7 |
| 2455832 | 3136139 | 03/18/2019 | 3:20 pm | 03/20/2019 | 3:45 pm | QA-7 | 1.6 |
| 2455833 | 3136140 | 03/18/2019 | 3:35 pm | 03/20/2019 | 4:00 pm | QA-8 | 0.6 |
| 2455834 | 3136141 | 03/18/2019 | 3:40 pm | 03/20/2019 | 4:10 pm | QA-9 | < 0.4 |
| 2455835 | 3136142 | 03/18/2019 | 3:50 pm | 03/20/2019 | 4:15 pm | 1017B | 0.6 |
| 2455836 | 3136143 | 03/18/2019 | 3:55 pm | 03/20/2019 | 4:15 pm | Room 1018 | 0.7 |
| 2455837 | 3136144 | 03/18/2019 | 4:00 pm | 03/20/2019 | 4:20 pm | Room Green Wave Café | 1.0 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455838 3136146

2455839 3136147

2455840 3136148

2455841 3136149

2455842 3136150

2455843 3136151

2455844 3136152

2455845 3136153

2455846 3136154

2455847 3136155

2455848 3136156

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

4:00 pm

4:00 pm

4:05 pm

4:05 pm

4:10 pm

4:10 pm

4:15 pm

4:15 pm

4:20 pm

4:20 pm

4:20 pm

03/20/2019 4:25 pm

03/20/2019 4:25 pm

03/20/2019 4:30 pm

03/20/2019 4:30 pm

03/20/2019 4:30 pm

03/20/2019 4:30 pm

03/20/2019 4:35 pm

03/20/2019 4:35 pm

03/20/2019 4:35 pm

03/20/2019 4:35 pm

03/20/2019 4:40 pm

Room 1019A Room 1000F Room 1100A Room 1000C Room 1100A E-3

Room M-3 Room 1001 Room IDF3 Room 1002A Room 1002B

0.7

0.6

< 0.4

0.6

< 0.4

2.1

1.3

0.8

0.6

< 0.4

< 0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455849 3136157

2455850 3136158

2455851 3136159

2455852 3136160

2455853 3136161

2455854 3136162

2455855 3136163

2455856 3136164

2455857 3136165

2455858 3136167

2455859 3136168

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

4:25 pm

4:25 pm

4:30 pm

3:50 pm

3:55 pm

4:25 pm

4:30 pm

4:35 pm

4:35 pm

4:40 pm

4:40 pm

03/20/2019 4:40 pm

03/20/2019 4:40 pm

03/20/2019 4:40 pm

03/20/2019 4:15 pm

03/20/2019 4:15 pm

03/20/2019 4:40 pm

03/20/2019 4:45 pm

03/20/2019 4:45 pm

03/20/2019 4:45 pm

03/20/2019 4:50 pm

03/20/2019 4:55 pm

Room 1002C Room 1002D Room 1104 QA-10

QA-11

QA-12

Room 1106

Room 1108

Room 1110 Room Custodial Room 1122

< 0.4

< 0.4

< 0.4

0.5

0.4

< 0.4

1.0

< 0.4

0.4

1.5

< 0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455860 3136169

2455861 3136170

2455862 3136171

2455863 3136172

2455864 3136173

2455865 3136174

2455866 3136175

2455867 3136176

2455868 3136177

2455869 3136179

2455870 3136180

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

4:45 pm

4:45 pm

4:50 pm

4:50 pm

4:50 pm

4:50 pm

4:55 pm

4:55 pm

5:00 pm

5:00 pm

5:00 pm

03/20/2019 4:55 pm

03/20/2019 4:55 pm

03/20/2019 4:55 pm

03/20/2019 5:00 pm

03/20/2019 5:00 pm

03/20/2019 5:00 pm

03/20/2019 5:00 pm

03/20/2019 5:05 pm

03/20/2019 5:05 pm

03/20/2019 5:10 pm

03/20/2019 5:10 pm

Room 1124

Room 1126

Room 1127

Room 1125

Room 1123

Room 1121

Room 1120

Room 1111

Room 1112

Room 1114

Room 1116

< 0.4

< 0.4

< 0.4

0.4

< 0.4

< 0.4

< 0.4

< 0.4

< 0.4

0.8

0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455871 3136181

2455872 3136182

2455873 3136183

2455874 3136184

2455875 3136185

2455876 3136186

2455877 3136187

2455878 3136188

2455879 3136189

2455880 3136190

2455881 3136191

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

4:45 pm

4:45 pm

4:45 pm

5:05 pm

5:05 pm

5:10 pm

5:10 pm

5:15 pm

5:15 pm

5:20 pm

5:20 pm

03/20/2019 4:55 pm

03/20/2019 4:55 pm

03/20/2019 5:10 pm

03/20/2019 5:10 pm

03/20/2019 5:15 pm

03/20/2019 5:15 pm

03/20/2019 5:15 pm

03/20/2019 5:35 pm

03/20/2019 5:40 pm

03/20/2019 5:30 pm

03/20/2019 5:30 pm

QA-13 QA-14 QA-15

Room 1118

Room 1117

Room 1115

Room 1113 Room E-4 Room IDF-4A Room 1109

Room 1107

< 0.4

< 0.4

< 0.4

0.4

0.4

0.6

0.6

0.8

0.4

0.5

0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455882 3136192

2455883 3136193

2455884 3136194

2455885 3136195

2455886 3136196

2455887 3136197

2455888 3136198

2455889 3136199

2455890 3136200

2455891 3136201

2455892 3136202

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

5:20 pm

5:25 pm

5:25 pm

5:25 pm

5:30 pm

5:30 pm

5:05 pm

5:05 pm

5:30 pm

5:35 pm

5:35 pm

03/20/2019 5:35 pm

03/20/2019 5:35 pm

03/20/2019 5:40 pm

03/20/2019 5:40 pm

03/20/2019 5:45 pm

03/20/2019 5:45 pm

03/20/2019 5:10 pm

03/20/2019 5:15 pm

03/20/2019 5:40 pm

03/20/2019 5:50 pm

03/20/2019 5:50 pm

Room 1105 Room 1105A Room 1103 Room 1103A Room 1103B Room 1103C QA-16

QA-17 QA-18

Room 1103D Room 1103E

< 0.4

0.5

< 0.4

0.6

0.5

0.7

< 0.4

< 0.4

< 0.4

0.5

0.5

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455893 | 3136203 | 03/18/2019 | 5:35 pm | 03/20/2019 | 5:50 pm | Room 1103G | 0.6 |
| 2455894 | 3136204 | 03/18/2019 | 5:40 pm | 03/20/2019 | 5:50 pm | Room 1103F | 0.7 |
| 2455895 | 3136205 | 03/18/2019 | 5:40 pm | 03/20/2019 | 5:50 pm | Room 1103H | 0.7 |
| 2455896 | 3136206 | 03/18/2019 | 5:40 pm | 03/20/2019 | 5:50 pm | Room 1100G | 0.7 |
| 2455897 | 3136207 | 03/18/2019 | 5:40 pm | 03/20/2019 | 5:55 pm | Room 1100E | 0.7 |
| 2455898 | 3136208 | 03/18/2019 | 5:45 pm | 03/20/2019 | 5:55 pm | Room 1100D | 0.5 |
| 2455899 | 3136209 | 03/18/2019 | 5:45 pm | 03/20/2019 | 5:55 pm | Room 1100C | 0.9 |
| 2455900 | 3136210 | 03/18/2019 | 5:45 pm | 03/20/2019 | 5:55 pm | Room 1100B | 0.5 |
| 2455901 | 3136211 | 03/18/2019 | 5:45 pm | 03/20/2019 | 5:55 pm | Room 1100F | 0.9 |
| 2455902 | 3136212 | 03/18/2019 | 5:50 pm | 03/20/2019 | 6:00 pm | Room 1100A | 0.7 |
| 2455903 | 3136213 | 03/18/2019 | 5:50 pm | 03/20/2019 | 6:00 pm | Room 1101 | 0.5 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455904 3136214

2455905 3136215

2455906 3136216

2455907 3136217

2455908 3136219

2455909 3136220

2455910 3136221

2455911 3136222

2455912 3136223

2455913 3136224

2455914 3136225

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

5:50 pm

5:55 pm

6:00 pm

6:00 pm

5:40 pm

5:40 pm

6:00 pm

6:05 pm

6:05 pm

6:05 pm

6:10 pm

03/20/2019 6:05 pm

03/20/2019 6:05 pm

03/20/2019 6:30 pm

03/20/2019 6:30 pm

03/20/2019 5:50 pm

03/20/2019 5:55 pm

03/20/2019 6:20 pm

03/20/2019 6:35 pm

03/20/2019 6:35 pm

03/20/2019 6:35 pm

03/20/2019 6:35 pm

Room 1101A Room 1101A Room 1102 Nurse Room 1102A

QA-19

QA-20 QA-21

Room 1202

Room 1203A Nurse Conference Room 1202A Nurse Exam Room 1201

< 0.4

< 0.4

< 0.4

< 0.4

0.6

0.4

< 0.4

0.5

0.6

0.4

0.6

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455915 | 3136226 | 03/18/2019 | 6:10 pm | 03/20/2019 | 6:40 pm | Room HS Main Office | 0.6 |
| 2455916 | 3136227 | 03/18/2019 | 6:10 pm | 03/20/2019 | 6:40 pm | Room 1200B | 0.8 |
| 2455917 | 3136228 | 03/18/2019 | 6:10 pm | 03/20/2019 | 6:40 pm | Room 1200E | 0.9 |
| 2455918 | 3136229 | 03/18/2019 | 6:15 pm | 03/20/2019 | 6:40 pm | Room 1200C | 0.5 |
| 2455919 | 3136230 | 03/18/2019 | 6:15 pm | 03/20/2019 | 6:40 pm | Room 1200D | 0.4 |
| 2455920 | 3136231 | 03/18/2019 | 6:15 pm | 03/20/2019 | 6:40 pm | Room 1203G | 0.5 |
| 2455921 | 3136232 | 03/18/2019 | 6:15 pm | 03/20/2019 | 6:45 pm | Room 1203F | 0.4 |
| 2455922 | 3136233 | 03/18/2019 | 6:15 pm | 03/20/2019 | 6:45 pm | Room 1200F | 0.6 |
| 2455923 | 3136234 | 03/18/2019 | 6:20 pm | 03/20/2019 | 6:45 pm | Room 1200G | 0.9 |
| 2455924 | 3136235 | 03/18/2019 | 6:20 pm | 03/20/2019 | 6:45 pm | Room 1203E | 0.6 |
| 2455925 | 3136236 | 03/18/2019 | 6:20 pm | 03/20/2019 | 6:45 pm | Room 1203D | 0.6 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455926 | 3136237 | 03/18/2019 | 6:20 pm | 03/20/2019 | 6:45 pm | Room 1203C | 0.6 |
| 2455927 | 3136238 | 03/18/2019 | 6:25 pm | 03/20/2019 | 6:45 pm | Room 1203B | 0.7 |
| 2455928 | 3136239 | 03/18/2019 | 6:10 pm | 03/20/2019 | 6:35 pm | QA-22 | 0.5 |
| 2455929 | 3136240 | 03/18/2019 | 6:10 pm | 03/20/2019 | 6:40 pm | QA-23 | 0.6 |
| 2455930 | 3136241 | 03/18/2019 | 6:25 pm | 03/20/2019 | 6:45 pm | QA-24 | < 0.4 |
| 2455931 | 3136242 | 03/18/2019 | 6:25 pm | 03/20/2019 | 6:50 pm | Room 1203 | 0.7 |
| 2455932 | 3136243 | 03/18/2019 | 6:30 pm | 03/20/2019 | 6:50 pm | Room Student Dining 1204A | < 0.4 |
| 2455933 | 3136244 | 03/18/2019 | 6:30 pm | 03/20/2019 | 6:50 pm | Room Student Dining 2 1204A | 0.4 |
| 2455934 | 3136245 | 03/18/2019 | 6:35 pm | 03/20/2019 | 6:55 pm | Room 1205 | 0.8 |
| 2455935 | 3136246 | 03/18/2019 | 6:35 pm | 03/20/2019 | 6:55 pm | Room 1205A | 1.0 |
| 2455936 | 3136247 | 03/18/2019 | 6:40 pm | 03/20/2019 | 6:55 pm | Room 1207 | 0.7 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455937 | 3136248 | 03/18/2019 | 6:40 pm | 03/20/2019 | 6:55 pm | Room IDF HS | 0.6 |
| 2455938 | 3136249 | 03/18/2019 | 6:40 pm | 03/20/2019 | 6:55 pm | Room Custodial | 1.0 |
| 2455939 | 3136250 | 03/18/2019 | 6:40 pm | 03/20/2019 | 7:00 pm | Room E-5 | 1.4 |
| 2455940 | 3136251 | 03/18/2019 | 6:45 pm | 03/20/2019 | 7:00 pm | Room 1214 | 0.4 |
| 2455941 | 3136252 | 03/18/2019 | 6:45 pm | 03/20/2019 | 7:00 pm | Room 1216 | < 0.4 |
| 2455942 | 3136254 | 03/18/2019 | 6:50 pm | 03/20/2019 | 7:00 pm | Room 1218 | 0.6 |
| 2455943 | 3136255 | 03/18/2019 | 6:50 pm | 03/20/2019 | 7:05 pm | Room 1217 | 1.6 |
| 2455944 | 3136256 | 03/18/2019 | 6:50 pm | 03/20/2019 | 7:05 pm | Room 1215 | 0.5 |
| 2455945 | 3136257 | 03/18/2019 | 6:55 pm | 03/20/2019 | 7:05 pm | Room 1213 | 0.4 |
| 2455946 | 3136258 | 03/18/2019 | 6:55 pm | 03/20/2019 | 7:10 pm | Room 1212 | 0.7 |
| 2455947 | 3136259 | 03/18/2019 | 7:00 pm | 03/20/2019 | 7:10 pm | Room 1212A | 0.7 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455948 | 3136260 | 03/18/2019 | 6:25 pm | 03/20/2019 | 6:50 pm | QA-25 | 0.5 |
| 2455949 | 3136261 | 03/18/2019 | 6:35 pm | 03/20/2019 | 6:55 pm | QA-26 | 0.6 |
| 2455950 | 3136262 | 03/18/2019 | 7:00 pm | 03/20/2019 | 7:10 pm | QA-27 | < 0.4 |
| 2455951 | 3136263 | 03/18/2019 | 7:05 pm | 03/20/2019 | 7:10 pm | Room 1212B | 0.7 |
| 2455952 | 3136264 | 03/18/2019 | 7:05 pm | 03/20/2019 | 7:15 pm | Room 1212C | 1.0 |
| 2455953 | 3136265 | 03/18/2019 | 7:05 pm | 03/20/2019 | 7:15 pm | Room 1210 | 0.4 |
| 2455954 | 3136266 | 03/18/2019 | 7:10 pm | 03/20/2019 | 7:15 pm | Room 1221A | 0.7 |
| 2455955 | 3136267 | 03/18/2019 | 7:15 pm | 03/20/2019 | 7:20 pm | Room 1221 | 0.7 |
| 2455956 | 3136268 | 03/18/2019 | 7:15 pm | 03/20/2019 | 7:20 pm | Room 1223 | 0.5 |
| 2455957 | 3136269 | 03/18/2019 | 7:20 pm | 03/20/2019 | 7:35 pm | Room 1225 | 0.5 |
| 2455958 | 3136270 | 03/18/2019 | 7:20 pm | 03/20/2019 | 7:35 pm | Room 1227B | 0.4 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Log Number | Device Number | Result  Test Exposure Duration: Area Tested pCi/L | | | | | |
| 2455959 | 3136271 | 03/18/2019 | 7:20 pm | 03/20/2019 | 7:35 pm | Room 1227D | < 0.4 |
| 2455960 | 3136272 | 03/18/2019 | 7:20 pm | 03/20/2019 | 7:40 pm | Room 1227C | < 0.4 |
| 2455961 | 3136273 | 03/18/2019 | 7:25 pm | 03/20/2019 | 7:40 pm | Room 1227A | 0.6 |
| 2455962 | 3136274 | 03/18/2019 | 7:25 pm | 03/20/2019 | 7:40 pm | Room 1226 | 0.4 |
| 2455963 | 3136275 | 03/18/2019 | 7:25 pm | 03/20/2019 | 7:40 pm | Room 1224 | 0.5 |
| 2455964 | 3136276 | 03/18/2019 | 7:30 pm | 03/20/2019 | 7:40 pm | Room 1222 | 0.6 |
| 2455965 | 3136277 | 03/18/2019 | 7:30 pm | 03/20/2019 | 7:40 pm | Room 1220 | 0.5 |
| 2455966 | 3136278 | 03/18/2019 | 7:35 pm | 03/20/2019 | 7:45 pm | Room 1209 | 1.6 |
| 2455967 | 3136279 | 03/18/2019 | 7:35 pm | 03/20/2019 | 7:45 pm | Room 1208 | 1.0 |
| 2455968 | 3136280 | 03/18/2019 | 7:05 pm | 03/20/2019 | 7:10 pm | QA-28 | 0.7 |
| 2455969 | 3136281 | 03/18/2019 | 7:05 pm | 03/20/2019 | 7:15 pm | QA-29 | 1.0 |

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455970 3136282

2455971 3136283

2455972 3136284

2455973 3136285

2455974 3136286

2455975 3136287

2455976 3136289

2455977 3136290

2455978 3136291

2455979 3136292

2455980 3136293

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

7:30 pm

7:40 pm

7:40 pm

7:45 pm

7:45 pm

7:50 pm

7:50 pm

7:50 pm

7:55 pm

7:55 pm

7:55 pm

03/20/2019 7:45 pm

03/20/2019 7:45 pm

03/20/2019 7:50 pm

03/20/2019 7:50 pm

03/20/2019 7:50 pm

03/20/2019 8:00 pm

03/20/2019 8:00 pm

03/20/2019 8:00 pm

03/20/2019 8:05 pm

03/20/2019 8:05 pm

03/20/2019 8:05 pm

QA-30

Room 1206A Room 1206 Room 1204B Room 1204

Room 2202 Room 2204A Room 2205 Room 2204B Room 2212

Room 2215

< 0.4

0.8

0.4

0.5

< 0.4

< 0.4

< 0.4

< 0.4

< 0.4

< 0.4

< 0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

NELAC NY 11769

NRPP 103216 AL NRSB ARL0017

Laboratory Report for: Property Tested: Peter Schafer, Superintendent

EPA Method #402-R-92-004

Liquid Scintillation NRPP Device Code 8088 NRSB Device Code 12193

Abington Public Schools 1071 Washington Street

Abington Pre-K, Middle, High School 201 Gliniewicz Way

Abington MA 02351 Abington MA 02351

Log Number

Device Number

Test Exposure Duration:

Area Tested

Result

pCi/L

2455981 3136294

2455982 3136295

2455983 3136296

2455984 3136297

2455985 3228324

2455986 3228335

2455987 3228336

2455988 3136298

2455989 3136299

2455990 3136300

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

03/18/2019

8:00 pm

8:00 pm

8:05 pm

8:05 pm

8:10 pm

8:10 pm

8:15 pm

7:40 pm

7:40 pm

7:40 pm

03/20/2019 8:10 pm

03/20/2019 8:10 pm

03/20/2019 8:15 pm

03/20/2019 8:15 pm

03/20/2019 8:15 pm

03/20/2019 8:20 pm

03/20/2019 8:20 pm

03/20/2019 7:45 pm

03/20/2019 7:50 pm

03/20/2019 8:20 pm

Room 2220

Room 2103

Room 2108 Room 2108A Room 2121 Room 2121A Room 2114 QA-31

QA-32 QA-33

< 0.4

< 0.4

< 0.4

< 0.4

< 0.4

< 0.4

< 0.4

1.0

< 0.4

< 0.4

**Comment:**

A copy of this report was emailed to [lisa.hebert@state.ma.us.](mailto:lisa.hebert@state.ma.us)

Distributed by: Dept of Public Health-Western Regional

Date Received: 03/22/2019

Date Logged:

03/22/2019

Date Analyzed: 03/23/2019

Date Reported:

03/25/2019

**Disclaimer:**

Report Reviewed By: \_ \_\_\_\_ \_\_\_ \_\_\_

Report Approved By: \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.