



***WILTON HIGH SCHOOL
WILTON PUBLIC SCHOOLS
395 DANBURY ROAD
WILTON, CONNECTICUT 06897***

SCHOOL RADON TESTING RE-EVALUATION

NOVEMBER 2013

PREPARED FOR:

***WILTON PUBLIC SCHOOLS
395 DANBURY ROAD
WILTON, CT 06897***

PREPARED BY:

***CARDNO ATC
290 ROBERTS STREET
SUITE 301
EAST HARTFORD, CT 06108
860-282-9924***

ATC PROJECT NO. 61.38954.0020

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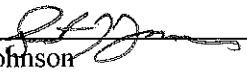
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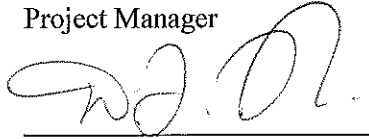
This report has been prepared for the exclusive use of Wilton Public Schools and is considered privileged and confidential. Photocopying of this document by parties other than those designated by the Wilton Public Schools, or use of this document for purposes other than it is intended, is prohibited.

Respectfully, submitted this 25th day of November, 2013.

Cardno ATC



Scott J. Johnson
Project Manager



Douglas Rhoads
Radon Measurement Specialist
NRSB Lic.# 5SS0017

RADON IN AIR TESTING

CLIENT: Wilton Public Schools

SCHOOL: Wilton High School
395 Danbury Road
Wilton, CT 06897

DATE OF TESTING: November 5, 2013 to November 7, 2013

**NATIONAL RADON SAFETY BOARD
(NRSB):** Douglas Rhoads

LICENSE NO: 5SS0017

1. SUMMARY INFORMATION

Cardno ATC (ATC) was retained by the Wilton Public Schools to conduct monitoring for airborne radon at the Wilton High School, located at 395 Danbury Road, Wilton, CT. The purpose of this monitoring was to determine if the airborne levels are below the U.S. Environmental Protection Agency (EPA) recommended exposure limit of 4.0 picocuries per liter of air (pCi/L). The testing was conducted from November 5, 2013 to November 7, 2013 by Mr. Scott Johnson under the supervision and direction of Douglas Rhoads a licensed member of the National Radon Safety Board (NRSB) license number 5SS0017. The testing was conducted in accordance with Connecticut General Statute (CGS) 10-220 (d), the Connecticut Department of Public Health Radon Program, and the United States Environmental Protection Agency.

This report applies *only* to the following location:

Name and Address of School Building

School Name: Wilton High School (Buildings A, B, C, D, E, F)
Address: 395 Danbury Road
Wilton, Connecticut 06897

Schedule Summary

In accordance with Public Act No. 03-220 *An Act Concerning Indoor Air Quality in Schools*, Sec. 2 Section 10-220 (d), every school building shall be reevaluated for radon levels in the air every five years after initial testing.

The next Radon testing will be required in November 2018.

2. RADON HEALTH RISKS

Radon in Air

Radon is colorless, odorless, and tasteless. Radon is the second leading cause of lung cancer, after smoking. Radon is naturally-occurring radioactive gas. It comes from the natural decay of uranium which is found in soil and rock all over the United States. Radon travels through soil and enters buildings through cracks and other holes in the foundation. Eventually, it decays into radioactive particles that can become trapped in our lungs when we breathe. As these particles decay, they release small bursts of radiation. This radiation can damage lung tissue and lead to lung cancer over the course of our lifetime.

3. SAMPLING METHODOLOGY

Radon in Air

Sampling was conducted in ten percent (10%) of frequently occupied rooms in contact with the ground, or above a crawlspace (see appendix D). These testing locations were mainly composed of classrooms and offices. Testing was conducted during a time of HVAC heating, closed building conditions, and the absence of construction activities. Sampling was conducted with passive short-term radon testing kits utilizing a liquid scintillation radon detector(s). The test kits were placed in designated sample locations at a minimum of 20 inches off the floor, more than 1 foot from interior and exterior walls and more than 3

feet from exterior windows, or doors. Ten percent (10%) of the sample locations contained a duplicate sample. Sample canisters were opened and allowed to be exposed to the indoor atmosphere for a minimum of forty-eight hours, which complies with the Connecticut Department of Public Health (CTDPH) School Radon Testing Guidance and the United States Environmental Protection Agency (USEPA) sampling protocol. Blank samples were submitted to measure the accuracy of the testing. These blank samples were not exposed but were shipped, handled, and analyzed in the same fashion as the test kits. The blank samples were conducted in five percent (5%) of the sample locations. Upon completion of the testing, the canisters were sealed and transported to an EPA certified laboratory for analysis, EMSL Analytical, Inc. in Cinnaminson, NJ

4. SAMPLE SUMMARY SHEET

Cardno ATC conducted air testing for radon in twelve (12) rooms. Radon testing of classrooms and offices commenced on November 5, 2013 and was completed on November 7, 2013. The radon tests were performed using liquid scintillation radon detectors and counted on a liquid scintillation counter by EMSL Analytical, Inc. in Cinnaminson, New Jersey using approved EPA testing protocols for radon in air. The laboratory analysis results for the radon air samples are summarized below:

| RADON IN AIR TEST RESULTS WILTON HIGH SCHOOL 395 DANBURY ROAD WILTON, CT | | | | | | |
|---|-----------------------------|-----------------------------|--------------------------------|-------------------------|-----------------------|---|
| LOCATION: | EMSL Test Kit Number | EMSL Canister Number | RADON LEVEL (pCi/Liter) | | | RELATIVE PERCENT DIFFERENCE (RPD, %) |
| | | | Sample | Sample Duplicate | Sample Average | |
| BOE Office | 87432 | 147675 147707 | 1.2 | 1.3 | 1.25 | 8% |
| Room D101 | 87429 | 147759 | 2.1 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Room D108 | 87444 | 147575 | 1.2 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Room D110 | 87450 | 147661 | 2.5 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Room 119 | 87449 | 147691 | 1.0 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Room 123 | 87448 | 147631 147695 | 1.3 | 1.1 | 1.2 | 16.7% |
| Room 107 | 87428 | 147680 147381 | 0.8 | 0.7 | 0.8 | 13.3% |

**RADON IN AIR TEST RESULTS
WILTON HIGH SCHOOL
395 DANBURY ROAD
WILTON, CT**

| LOCATION: | <u>EMSL Test Kit Number</u> | <u>EMSL Canister Number</u> | <u>RADON LEVEL (pCi/Liter)</u> | | | <u>RELATIVE PERCENT DIFFERENCE (RPD, %)</u> |
|------------------|--|--|---|------------------------------------|----------------------------------|--|
| | | | <u>Sample</u> | <u>Sample Duplicate</u> | <u>Sample Average</u> | |
| Room 110 | 87427 | 147739 | 1.8 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Room/Office 1 | 87443 | 147594 | 2.1 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Room 102 | 87442 | 147579 147636 | 1.0 | 1.0 | 1.0 | 0% |
| Room 110B | 87441 | 147710 | 1.1 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Room 110D | 87440 | 147803 | 1.1 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |
| Blank | 87463 | 147734 | 0.0 | - | - | Percent Difference Not Needed (No Levels Above 4.0 pCi/Liter) |

pCi/L = picoCuries per liter

If both tests for duplicate canisters reported below 4.0pCi/L, then the RPD shall be 67% or less. All duplicate tests taken at the Wilton High School were below 67%.

In addition, all blanks shall be less than 0.5pCi/L. All blanks were below 0.5pCi/L.

Laboratory data results can be found in appendix A.

5. CONCLUSION AND RECOMMENDATIONS

The State of Connecticut Department of Public Health (CTDPH) requires corrective actions be taken if the average radon result in any room tested is equal to or greater than 4.0 picoCuries per liter (pCi/L).

The laboratory analysis results showed radon levels of only 2.5 pCi/L or less, which is below the CTDPH action level of 4.0 pCi/L.

Therefore, **no corrective actions need to be taken at this time.**

A copy of the complete report shall be kept in the main office of the school for parents and staff to view.

The required School Radon Testing Program Form was submitted to the Connecticut Department of Public Health. A copy of this form is in appendix C.

Please note that according to the Connecticut General Statute (CGS) 10-220(d), testing is required every five years regardless of the results.

APPENDIX A

LABORATORY DATA

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0327
<http://www.EMSL.com> RadonLab@emsl.com

EMSL Order: 381309491
CustomerID: ATCE54
CustomerPO:
ProjectID:

Attn: **Scott Johnson**
Cardno ATC
290 Roberts Street
East Hartford, CT 06108

Phone: (860) 282-99241111
Fax: (860) 282-9826
Received: 11/12/13 10:41 AM
Analysis Date: 11/14/2013
Collected: 11/5/2013

Project: **Wilton High School**

Test Site: **Wilton High School**
395 Danbury Road
Wilton, CT 06897

Samples for EMSL Kit 87432

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147675 | BOE Office | 1.2 | 11/5/2013 | 11/7/2013 | 74 | 60 | Customer |
| 381309491-0001 | | | 3:57:00 PM | 3:58:00 PM | | | |
| 147707 | BOE Office - D | 1.3 | 11/5/2013 | 11/7/2013 | 74 | 60 | Duplicate |
| 381309491-0002 | | | 3:57:00 PM | 3:58:00 PM | | | |

Sample Notes:**Summary for EMSL Kit 87432**

Average Radon Result: 1.3 pCi/L Duplicate RPD = 8.0%

Samples for EMSL Kit 87429

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147759 | D101 | 2.1 | 11/5/2013 | 11/7/2013 | 72 | 60 | Customer |
| 381309491-0003 | | | 3:59:00 PM | 4:36:00 PM | | | |

Sample Notes:**Samples for EMSL Kit 87444**

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147575 | D108 | 1.2 | 11/5/2013 | 11/7/2013 | 70 | 60 | Customer |
| 381309491-0004 | | | 4:01:00 PM | 4:38:00 PM | | | |

Sample Notes:**Samples for EMSL Kit 87450**

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147661 | D110 | 2.5 | 11/5/2013 | 11/7/2013 | 70 | 60 | Customer |
| 381309491-0005 | | | 4:02:00 PM | 4:38:00 PM | | | |

Sample Notes:**Samples for EMSL Kit 87449**

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147691 | Room 119 | 1 | 11/5/2013 | 11/7/2013 | 68 | 60 | Customer |
| 381309491-0006 | | | 4:09:00 PM | 4:27:00 PM | | | |

Sample Notes:

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0327
<http://www.EMSL.com> RadonLab@emsl.com

EMSL Order: 381309491
CustomerID: ATCE54
CustomerPO:
ProjectID:

Attn: **Scott Johnson**
Cardno ATC
290 Roberts Street
East Hartford, CT 06108

Phone: (860) 282-99241111
Fax: (860) 282-9826
Received: 11/12/13 10:41 AM
Analysis Date: 11/14/2013
Collected: 11/5/2013

Project: **Wilton High School**

Test Site: **Wilton High School**
395 Danbury Road
Wilton, CT 06897

Samples for EMSL Kit 87448

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-----------------------------------|------------|------------------------------|------------|------------------|------------------------------|---------------|-------------|
| 147631 | Room 123 | 1.3 | 11/5/2013 | 11/7/2013 | 68 | 60 | Customer |
| 381309491-0007 | | | 4:11:00 PM | 4:31:00 PM | | | |
| Sample Notes: | | | | | | | |
| 147695 | Room 123-D | 1.1 | 11/5/2013 | 11/7/2013 | 68 | 60 | Duplicate |
| 381309491-0008 | | | 4:11:00 PM | 4:31:00 PM | | | |
| Sample Notes: | | | | | | | |
| Summary for EMSL Kit 87448 | | Average Radon Result: | | 1.2 pCi/L | Duplicate RPD = 16.7% | | |

Samples for EMSL Kit 87428

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-----------------------------------|------------|------------------------------|------------|------------------|------------------------------|---------------|-------------|
| 147680 | Room 107 | 0.8 | 11/5/2013 | 11/7/2013 | 70 | 70 | Customer |
| 381309491-0009 | | | 4:15:00 PM | 4:18:00 PM | | | |
| Sample Notes: | | | | | | | |
| 147581 | Room 107-D | 0.7 | 11/5/2013 | 11/7/2013 | 70 | 70 | Duplicate |
| 381309491-0010 | | | 4:15:00 PM | 4:18:00 PM | | | |
| Sample Notes: | | | | | | | |
| Summary for EMSL Kit 87428 | | Average Radon Result: | | 0.8 pCi/L | Duplicate RPD = 13.3% | | |

Samples for EMSL Kit 87427

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147739 | Room 110 | 1.8 | 11/5/2013 | 11/7/2013 | 72 | 70 | Customer |
| 381309491-0011 | | | 4:18:00 PM | 4:20:00 PM | | | |
| Sample Notes: | | | | | | | |

Samples for EMSL Kit 87443

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147594 | Room 1 | 2.1 | 11/5/2013 | 11/7/2013 | 72 | 60 | Customer |
| 381309491-0012 | | | 4:25:00 PM | 4:40:00 PM | | | |
| Sample Notes: | | | | | | | |

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0327
<http://www.EMSL.com> RadonLab@emsl.com

EMSL Order: 381309491
CustomerID: ATCE54
CustomerPO:
ProjectID:

Attn: **Scott Johnson**
Cardno ATC
290 Roberts Street
East Hartford, CT 06108

Phone: (860) 282-99241111
Fax: (860) 282-9826
Received: 11/12/13 10:41 AM
Analysis Date: 11/14/2013
Collected: 11/5/2013

Project: **Wilton High School**

Test Site: **Wilton High School**
395 Danbury Road
Wilton, CT 06897

Samples for EMSL Kit 87442

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|----------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147579 | Room 102 | 1 | 11/5/2013 | 11/7/2013 | 70 | 70 | Customer |
| 381309491-0013 | | | 4:27:00 PM | 4:29:00 PM | | | |

Sample Notes:

| | | | | | | | |
|----------------|------------|---|------------|------------|----|----|-----------|
| 147636 | Room 102-D | 1 | 11/5/2013 | 11/7/2013 | 70 | 70 | Duplicate |
| 381309491-0014 | | | 4:27:00 PM | 4:29:00 PM | | | |

Sample Notes:

| | | | | | | | |
|-----------------------------------|--|------------------------------|--|------------------|-----------------------------|--|--|
| Summary for EMSL Kit 87442 | | Average Radon Result: | | 1.0 pCi/L | Duplicate RPD = 0.0% | | |
|-----------------------------------|--|------------------------------|--|------------------|-----------------------------|--|--|

Samples for EMSL Kit 87441

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|------------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147710 | Room 110-B | 1.1 | 11/5/2013 | 11/7/2013 | 68 | 70 | Customer |
| 381309491-0015 | | | 4:30:00 PM | 4:43:00 PM | | | |

Sample Notes:**Samples for EMSL Kit 87440**

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|------------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147803 | Room 110-D | 1.1 | 11/5/2013 | 11/7/2013 | 70 | 70 | Customer |
| 381309491-0016 | | | 4:31:00 PM | 4:45:00 PM | | | |

Sample Notes:**Samples for EMSL Kit 87463**

| Liquid Scintillation ID | Location | Radon Activity pCi/L | Start | Stop | Temperature F | Humidity % | Sample Type |
|-------------------------|-------------|-------------------------|------------|------------|------------------|---------------|-------------|
| 147734 | Room 110D-B | 0 | 11/5/2013 | 11/7/2013 | 70 | 70 | Customer |
| 381309491-0017 | | | 4:31:00 PM | 4:45:00 PM | | | |

Sample Notes:

The radon test was performed using a liquid scintillation radon detector/s and counted on a liquid scintillation counter using approved EPA testing protocols for Radon in Air testing. The EPA recommends fixing your home if the average of two short-term tests taken in the lowest lived-in level of the home show radon levels that are equal to or greater than 4.0pCi/L.
The EPA recommends retesting your home every two years.

Please contact EMSL Analytical, Inc. or your State Health Department for further information.
All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of Radon in Air.

Report Note

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-0327

<http://www.EMSL.com>RadonLab@emsl.com

EMSL Order: 381309491

CustomerID: ATCE54

CustomerPO:

ProjectID:

Attn: **Scott Johnson**
Cardno ATC
290 Roberts Street
East Hartford, CT 06108

Phone: (860) 282-99241111
Fax: (860) 282-9826
Received: 11/12/13 10:41 AM
Analysis Date: 11/14/2013
Collected: 11/5/2013

Project: **Wilton High School**

Test Site: **Wilton High School**
395 Danbury Road
Wilton, CT 06897

Analyst(s)

Laura Freeman (17)

Garrett Ray, Laboratory Manager
Certified Radon Measurement Specialist NRSB 5SS0093
NJ MES12264, FL R2001, NE 116, PA 2572

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder. The test results meets all NELAC requirements unless otherwise specified. Accreditations: NRSB ARL6006, NJ DEP 03036, MEB 92525, PA 2573, IN 00455, IA L00032, RI RAS-024, ME 20200C, NE RMB-1083, NY ELAP 10872, NM 885-10L, FL RB2034, OH RL-39, NRPP #106178AL, KS-LB-0005

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ

Initial report from 11/18/2013 15:37:02

Please visit www.radontestinglab.com



EMSL ANALYTICAL, INC.
LABORATORY PRODUCT INFORMATION

RECEIVED

CINNAMINSON, NJ

Radon Testing Chain of Custody

EMSL Order Number (Lab Use Only):

381309491

ATCES4

5day

EMSL Analytical, Inc.

200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

FAX: (856) 786-5974

m41
(11-13-13)
RUN

| Company: Cardno ATC | | EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different (Bill to is Different note instructions in Comments**) | | | | |
|--|--|---|--|---|-------------------|----------------|
| Street: 290 Roberts Street | | Third Party Billing requires written authorization from third party | | | | |
| City: East Hartford | State/Province: CT | Zip/Postal Code: 06108 | Country: United States | | | |
| Report To (Name): Scott Johnson | | Fax #: 8602829826 | | | | |
| Telephone #: 8602829924 | | Email Address: scott.johnson@cardno.com | | | | |
| Project Name/Number: | | | | | | |
| Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail | | Purchase Order: | U.S. State Samples Taken: CT | | | |
| Project Property Information | | | | | | |
| Project Name: <u>Wilton High School</u> | | | | | | |
| Project Address: <u>395 Danbury Rd</u> | | | | | | |
| City: <u>Wilton</u> | State: <u>CT</u> | Zip Code: <u>06897</u> | | | | |
| County: | | Municipality: | | | | |
| Technician Name: <u>Doug Rhoads</u> | Technician Cert #: <u>NR5B 5880017</u> | Technician Signature: <u>[Signature]</u> | | | | |
| New Jersey Testing Information | | | | | | |
| NJDEP Laboratory Certification # <u>03036</u> | | NJDEP Radon Business Certification # <u>MEB92525</u> | | | | |
| 1.) Is the radon test being conducted for the purpose of: <input type="checkbox"/> Real Estate Transaction <input type="checkbox"/> Homeowner Testing <input checked="" type="checkbox"/> Other | | | | | | |
| 2.) Test Conditions observed? <input checked="" type="checkbox"/> Closed House <input type="checkbox"/> Open House | | | | | | |
| 3.) What is the building type? <input type="checkbox"/> Residential <input type="checkbox"/> Non-Residential <input type="checkbox"/> Daycare <input checked="" type="checkbox"/> School | | | | | | |
| 4.) What is the building foundation type? <input type="checkbox"/> Basement <input type="checkbox"/> Crawlspace <input checked="" type="checkbox"/> Slab on Grade <input type="checkbox"/> Other | | | | | | |
| 5.) For School Testing, please enter: School Code _____ Room Name/Number _____ | | | | | | |
| Box Number | Device Number | Location | Exposure Period Beginning Date and Time | Exposure Period Ending Date and Time | Temperature °F | Humidity, % |
| 87432 | 147625 | BoE Office | 11/5/13 1557 | 11/7/13 1558 | 74 | 60 |
| 87432 | 147702 | BoE Office - D | 11/5/13 1557 | 11/7/13 1558 | 74 | 60 |
| 87429 | 147759 | D101 | 11/5/13 1559 | 11/7/13 1630 | 72 | 60 |
| 87444 | 147575 | D108 | 11/5/13 1601 | 11/7/13 1638 | 70 | 60 |
| 87450 | 147661 | D110 | 11/5/13 1602 | 11/7/13 1639 | 70 | 60 |
| 87449 | 147691 | Rm. 119 | 11/5/13 1609 | 11/7/13 1627 | 68 | 60 |
| 87448 | 147681 | Rm. 123 | 11/5/13 1611 | 11/7/13 1631 | 68 | 60 |
| 87448 | 147695 | Rm. 123 - D | 11/5/13 1611 | 11/7/13 1631 | 68 | 60 |
| 87428 | 147680 | Rm. 107 | 11/5/13 1615 | 11/7/13 1618 | 70 | 70 |
| Client Sample # (s): | | Total # of Samples: | | | | |
| Relinquished (Client): <u>[Signature]</u> | | Date: <u>11/8/13</u> Time: _____ | | | | |
| Received (Lab): <u>[Signature]</u> | | Date: <u>11/12/13</u> Time: _____ | | | | |
| Comments/Special Instructions: | | | | | | |

RECEIVED
EMSL
CINNAMINSON, NJ
2013 NOV 12 A 10:41

381309491
FEDX



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

ATLE54

5claw

Radon Testing Chain of Custody

EMSL Order Number (Lab Use Only):

381309491

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

FAX: (856) 786-5974

MAJ
(11-13-13)
EUN

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information **HS**

[illegible]

APPENDIX B

CONSULTANT CERTIFICATIONS

The National Radon Safety Board

National Radon Safety Board

NRSB

Certified Radon Professionals

Certifies that

Douglas Rhoads

has successfully met the established and published requirements for Certification by The National Radon Safety Board as a

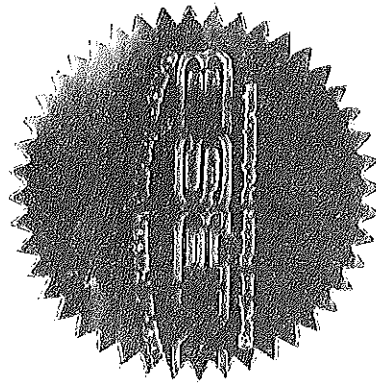
**RADON MEASUREMENT
SPECIALIST**

NRSB 5SS0017

Certification Number

1/30/2014

Expiration Date



Michelle Kunkel
Executive Secretary

This certificate is the property of The National Radon Safety Board and is not official without the raised seal.

*State of Connecticut Department of Public Health
Regulatory Services Branch
Environmental Health Section
Radon Program*

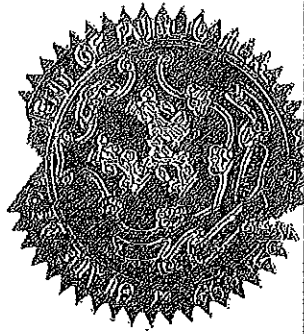
This Certificate is awarded to

Douglas Rhoads

For the satisfactory completion of the training course

Radon Measurement in Connecticut Schools

Course Date: August 18, 2011



Allison Sullivan

Allison Sullivan, Environmental Analyst 3

APPENDIX C

STATE OF CONNECTICUT RADON TESTING FORM



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH RADON PROGRAM SCHOOL RADON RE-EVALUATION REPORT FORM

Jan 2011

The following form must be submitted to the Connecticut Department of Public Health Radon Program within ten (10) business days of providing a final written report of radon measurement activities to school personnel. Submit this signed form by mail OR fax to the Radon Program at the address listed below:

CT Department of Public Health Radon Program
410 Capitol Avenue, MS #51 RAD
Hartford, CT 06134-0308
OR
Fax: 860-509-7378

Name of School: Wilton High School

Address: Wilton Schools
(Street, town, zip code) 395 Danbury Road
Wilton, CT 06897

Measurement Company: Cardno ATC

Please provide the following summary information:

Testing Dates: 11/5-11/7/13

Total # of Rooms Tested: 12

Total # of Rooms Requiring Re-Testing: 0

Total # of Rooms Where Average Results were at or above 4.0 pCi/L: 0

Radon measurement activities were performed at the location above in accordance with United States Environmental Protection Agency protocols and the Connecticut Department of Public Health Radon Program's School Radon Testing Guidance.

Doug Thomas 5550017 [Signature] 11-22-2013
Measurement Professional / NEHA/NRSB # Signature Date

School Designee / Title Signature Date



Phone: (860) 509-7367
Telephone Device for the Deaf (860) 509-7191
450 Capitol Avenue - MS # 51RAD
P.O. Box 340308 Hartford, CT 06134
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APPENDIX D

SAMPLE LOCATION DRAWINGS

