



March 25, 2014

Mr. Mark W. Albanese  
Director of Facilities  
Hamden Public Schools  
60 Putnam Avenue  
Hamden, CT 06517

Subject: Radon Testing  
Hamden Public Schools  
TRC Project Number: 215525.0000.0000

Dear Mr. Albanese:

TRC Environmental Corporation (TRC) has performed radon in air testing at Hamden Public School facilities. Specifically, TRC conducted initial short-term testing at Hamden Collaborative Learning Center, as well as the required 5-year CTDPH re-testing services at West Woods School, Bear Path School, Shepherd Glen School, Church Street School, Spring Glen School, Hamden High School, Wintergreen Interdistrict Magnet School, the Central Office, Alice Peck School, Helen Street School, Dunbar Hill School, Ridge Hill School and Hamden Middle School.

As recommended by the USEPA and the CTDPH, initial air testing at Hamden Collaborative Learning Center was conducted in all frequently occupied rooms in contact with the ground and all first-floor rooms directly above unoccupied basement spaces, while air re-testing in all other subject facilities was conducted in 10% of the prior tested rooms (as well as all rooms previously found above the EPA Action Level of 4.0 pCi/L). All required testing was conducted under "closed building conditions", during the weekday period of the colder months of the year, and with the building occupied and the HVAC systems operating normally. Air testing was conducted using short-term (2-day), 4" open faced, activated charcoal (AC) absorption canisters in accordance with the CTDPH guidance documents *Radon Testing in Connecticut Schools, November 2005* and *Radon Re-evaluation in Public Schools Circular Letter, November 2010*, as well as USEPA guidance documents *Radon Measurement in Schools, July 1993*, *Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992* and *ANSI/AARST Protocol for Conducting Radon and Radon Decay Product Measurements in Multifamily Buildings, 2010*. Sample collection, placement and retrieval were conducted under the direction of TRC personnel certified as Residential Measurement Providers (RMP) (#102265RT) by the National Environmental Health Association (NEHA) National Radon Proficiency Program (NRPP) and accredited under the CTDPH Radon Testing in Connecticut Schools training program. All air samples were then returned to TRC's NEHA

NRPP certified Analytical Laboratory (#102266AL) for analysis utilizing a gamma scintillation spectroscopy system.

Analysis of the AC canisters at Hamden Collaborative Learning Center, West Woods School, Bear Path School, Shepherd Glen School, Church Street School, Spring Glen School, Hamden High School, Wintergreen Interdistrict Magnet School, the Central Office, Alice Peck School, Helen Street School, Dunbar Hill School, Ridge Hill School and Hamden Middle School revealed no airborne radon concentrations above the USEPA Action Level of 4.0 pCi/L at which further testing/mitigation would be recommended.

Please note that the USEPA Action Level is based on an annual average concentration, and the USEPA does recommend re-testing sometime in the future, as radon concentrations can fluctuate over time and from room to room. In addition, CTDPH protocols will require re-evaluation air testing every 5 years (2018/2019).

Enclosed please find the RMP and lab certifications and laboratory analytical data. Also please sign and submit the attached "Initial School Radon Measurement Report Form" and "School Radon Re-Evaluation Report Forms" to the CTDPH Radon Program.

Thank you for allowing TRC the opportunity to serve the environmental engineering needs of the Hamden Public Schools. If you have any questions regarding these test results, please feel free to contact me directly at (860) 298-6280.

Sincerely,

TRC



Jennifer Peshka, CMC



Erik R. Plimpton, P.E., CHMM, CMC  
NEHA NRPP Radon Measurement Provider #102265RT  
Building Sciences Practice Leader





**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:**

Alice Peck School

**Address:**

(Street, town, zip code)

35 Hillfield Road

Hamden, CT

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

6

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

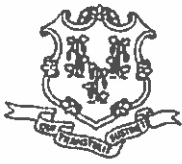
Mark W. Albanese / Director, Facilities  
School Designee / Title

Signature

3/25/14  
Date



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Telephone Device for the Deaf (860) 509-7191  
450 Capitol Avenue - MS # 51RAD  
P.O. Box 340308 Hartford, CT 06134  
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**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH  
RADON PROGRAM  
**SCHOOL RADON RE-EVALUATION REPORT FORM**

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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:**

Bear Path School

**Address:**

(Street, town, zip code)

10 Kirk Road

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

7

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

*Mark W. Albanese / Dir. of Facilities*  
School Designee / Title

Signature

3/25/14

Date



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# STATE OF CONNECTICUT

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

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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:**

Church Street School

**Address:**

(Street, town, zip code)

95 Church Street

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

3

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

MARK IV. ALBANESE / DIR. OF PLUMBING  
School Designee / Title

Signature

3/25/14  
Date



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**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH  
RADON PROGRAM  
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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:**

Dunbar Hill School

**Address:**

(Street, town, zip code)

315 Lane Street

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

6

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

MARK W. ALBANESE / Director of Facilities  
School Designee / Title

Signature

3/25/14

Date



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# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH RADON PROGRAM

### SCHOOL RADON RE-EVALUATION REPORT FORM

Jan 2011

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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:**

Helen Street School

**Address:**

(Street, town, zip code)

285 Helen Street

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

4

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

*Mark W. Alonzi / Dir. of Facilities*  
School Designee / Title

Signature

3/25/14

Date



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# 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:**

Ridge Hill School

**Address:**

(Street, town, zip code)

120 Carew Street

Hamden, CT 06517

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

3

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

Mark W. Albanese / Dir of Facilities

School Designee / Title

Signature

3/25/14

Date



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

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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:**

Shepherd Glen School

**Address:**

(Street, town, zip code)

1 Skiff Street Ext

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

5

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

Mark W. Albanese / Dir. of Facilities  
School Designee / Title

Signature

3/25/14

Date



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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:**

Spring Glen School

**Address:**

(Street, town, zip code)

1908 Whitney Avenue

Hamden, CT 06517

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

4

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

MARK W. ALBANESE / DIR. OF FACILITIES  
School Designee / Title

Signature

3/25/14

Date



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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:**

West Woods School

**Address:**

(Street, town, zip code)

350 West Todd Street

Hamden, CT 06518

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

7

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

MARK W. ALBANESE / DIR of Facilities

School Designee / Title

Signature

3/25/14

Date



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# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH RADON PROGRAM

### SCHOOL RADON RE-EVALUATION REPORT FORM

Jan 2011

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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:**

Wintergreen Interdistrict Magnet School

**Address:**

(Street, town, zip code)

670 Wintergreen Avenue

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

10

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

MARK W. ALBANESE / DIR OF FACILITIES  
School Designee / Title

Signature

3/25/14

Date



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STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
RADON PROGRAM  
INITIAL SCHOOL RADON MEASUREMENT REPORT FORM

Nov. 2010

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:

\*Please use the *Re-Evaluation Report Form* when performing 5-year re-evaluations.

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:** Hamden Collaborative Learning Center

**Address:** 306 Circular Avenue  
(Street, town, zip code) Hamden, CT 06517

**Dates of Testing:** 3/12/2014 - 3/14/2014

**Testing Company:** TRC Environmental Corporation

**Measurement Professional:** Erik Plimpton

**NEHA/NRSB Certification #:** 102265RT

*Please provide the following summary information:*

**Total # of Rooms Tested:** 15

**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 carried out in accordance with United States Environmental Protection Agency protocols and the Connecticut Department of Public Health Radon Program's *School Radon Testing Guidance* at the location described above.

  
Signature of Measurement Professional

  
Signature of School Designee

3/25/2014

Date



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# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH RADON PROGRAM

### SCHOOL RADON RE-EVALUATION REPORT FORM

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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:**

Hamden Middle School

**Address:**

(Street, town, zip code)

2040 Dixwell Avenue

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

10

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

Mark W. Aronson / Dr. & Principal

School Designee / Title

Signature

3/8/14

Date



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**STATE OF CONNECTICUT**  
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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:**

Hamden High School

**Address:**

(Street, town, zip code)

2040 Dixwell Avenue

Hamden, CT 06514

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

13

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

Mark Alsanovic / Director Facilities  
School Designee / Title

Signature

3/25/14

Date



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DEPARTMENT OF PUBLIC HEALTH  
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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:**

Central Office

**Address:**

(Street, town, zip code)

60 Putnam Avenue

Hamden, CT 06517

**Measurement Company:**

TRC Environmental Corporation

*Please provide the following summary information:*

**Testing Dates:**

3/12/2014 - 3/14/2014

**Total # of Rooms Tested:**

5

**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*.

Erik Plimpton

102265RT

Measurement Professional / NEHA/NRSB #

Signature

3/25/2014

Date

MARY W. ALQUANESI / Dir. of Facilities  
School Designee / Title

Signature

3/25/14

Date



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450 Capitol Avenue - MS # 51RAD  
P.O. Box 340308 Hartford, CT 06134  
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Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Alice Peck School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43699  
Date Received: 03/14/14  
Date Analyzed: 03/19/14 & 03/20/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Field Blank	1657	03/12/14	--	03/14/14	--	ND<0.5
Room 14	2124	03/12/14	0918	03/14/14	0937	ND<0.5
Room 14 - Duplicate	1579	03/12/14	0919	03/14/14	0938	ND<0.5
Room 13	123	03/12/14	0922	03/14/14	0940	0.7
Room 17	2158	03/12/14	0926	03/14/14	0942	1.5
Room 21	1816	03/12/14	0930	03/14/14	0944	0.9
Room 23	2074	03/12/14	0933	03/14/14	0945	1.7
Room 22	1720	03/12/14	0937	03/14/14	0947	1.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

Amanda Parkins, Laboratory Analyst &  
Kathleen Williamson, Laboratory Manager

Reviewed by

Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/20/14

715575 (2000)

Site Location: Alice Pick School

## Radon Device Placement Log

Lab #

43699

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
1657	Blank	—	—	—	—	—	—	—	160.7	160.8	nd
2124	Room 14	G	Basile Fridge	3/12/14	0918	3/14/14	0937	—	157.9	158.0	nd
1579	Room 14-Dog	G	" "	—	0919	—	0938	—	164.1	165.4	nd
123	Room 13	G	Aside Trash/Drk	—	0922	—	0940	—	160.9	161.0	0.7
2158	Room 17	G	Aside Trash/Drk	—	0926	—	0942	—	158.1	159.2	1.5
1816	Room 21	G	Aside Trash/Drk	—	0930	—	0944	—	156.3	157.4	0.9
2074	Room 23	G	Aside Trash/Drk	—	0933	—	0945	—	157.8	158.9	1.7
1720	Room 22	G	Aside Trash/Drk	—	0937	—	0947	—	164.2	164.3	1.5

✓✓✓✓

22 Feb 3/14/14

**D = Duplicate**

10% Dupli

0

TRC  
2/1/2

1630

**S = Spike**

5% Blanks

3/20/14

3/19/14



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Bear Path School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43698  
Date Received: 03/14/14  
Date Analyzed: 03/20/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Field Blank	2132	03/12/14	--	03/14/14	--	ND<0.5
Music - Room 145	305	03/12/14	0958	03/14/14	1015	ND<0.5
Music - Room 145 - Duplicate	315	03/12/14	0959	03/14/14	1016	0.6
Room 154	1242	03/12/14	1005	03/14/14	1018	ND<0.5
Room 114	2026	03/12/14	1010	03/14/14	1021	ND<0.5
Room 117	1903	03/12/14	1013	03/14/14	1022	ND<0.5
Room 120	2118	03/12/14	1016	03/14/14	1024	0.5
Room 129	1909	03/12/14	1019	03/14/14	1025	ND<0.5
Room 132	2086	03/12/14	1021	03/14/14	1026	ND<0.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by APR  
Amanda Parkins, Laboratory Analyst

Reviewed by Kathleen Williamson  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued: 3/20/14

215575.0000

Beaver Path School - Healdsburg

## Radon Device Placement Log

Lab #:

Lab #: 43698

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
2132	Blank	-							157.9	158.0	nd
305	Music Room 145	G	#10 table	3/12/14	0958	3/14/14	1015		157.7	158.0	nd
315	Music Room 145-RF	G	A/D table		0959		1016		159.0	159.4	0.4
1242	Room 154	G	C-side counter		1005		1018		102.3	102.4	nd
2026	Room 114	G	AS side backback		1010		1021		157.5	158.3	nd
1903	Room 117	G	C-side backback		1015		1022		155.8	156.7	nd
2118	Room 120	G	counter middle		1016		1024		157.1	157.7	0.5
1904	Room <del>121</del> 129	G	A side counter		1019		1025		155.3	156.0	nd
2086	Room 132	G	C-side counter		1021		1026		156.9	157.4	nd

3/20/14

Received by: 3/14/14

D = Duplicate

### 10% Duplicates

1630

**B = Blank**

5% Blanks

CTRC 5/19/14

**S = Spike**



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Church Street School, Hamden, CT

Project #: 215525.0000.0000

Radon Log #: 43689

Date Received: 03/14/14

Date Analyzed: 03/15/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Room A-12	2005	3/12/14	1149	3/14/14	1150	1.1
Room A-14	3113	3/12/14	1152	3/14/14	1153	1.1
Room C-12	647	3/12/14	1156	3/14/14	1157	0.7
Room C-12- Duplicate	1806	3/12/14	1156	3/14/14	1157	0.6
Field Blank	175	3/12/14	--	3/14/14	--	ND<0.5


Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

  
Kathleen Williamson, Laboratory Manager

Reviewed by

  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/17/14

Site Location: Church St, Schaefer

## Radon Device Placement Log

Lab #:

43689

[illegible]

Abel Street

Order

$$\overline{31414}$$

**D = Duplicate**

10% Duplicates

1030

**B = Blank**

5% Blanks

4-5-6



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Dunbar Hill School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43702  
Date Received: 03/14/14  
Date Analyzed: 03/19/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Field Blank	2100	03/12/14	--	03/14/14	--	ND<0.5
Art - Room 23	1894	03/12/14	1404	03/14/14	1410	0.7
Music - Room 25	1868	03/12/14	1406	03/14/14	1413	ND<0.5
Room 19	2004	03/12/14	1408	03/14/14	1415	1.0
Room 3	2094	03/12/14	1412	03/14/14	1418	1.0
Room 10	2103	03/12/14	1416	03/14/14	1421	1.3
Room 11	231	03/12/14	1418	03/14/14	1422	1.8
Room 11 - Duplicate	3105	03/12/14	1419	03/14/14	1423	2.3

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by Amanda Parkins  
Amanda Parkins, Laboratory Analyst

Reviewed by Kathleen Williamson  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued: 3/19/14

815525-0000

Site Location:  
Dunbar Hill School - Hammond CA

## Radon Device Placement

Lab #:

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
2100	Blank	-	-	3/12/14	-	3/14/14			157.7	157.8	nd
1894	Art Room 23	G	PS, etc # table		1404		1410		150.2	157.2	0.7
1868	Music Room 25	G	CS, etc # teach desk		1406		1413		155.1	155.8	nd
2004	Room 19	G	CD, etc # teach desk		1408		1415		157.7	158.5	1.0
2094	Room 3	G	CS, etc # teach desk		1412		1418		157.3	158.0	1.0
2103	Room 10	G	PS, etc # teach desk		1416		1421	was moved to new place on top of desk	158.1	158.8	1.3
231	Room 11	G	AD, etc # teach desk		1418		1422		158.5	158.9	1.8
3105	Room 11 Over	G	AD, etc # teach desk		1419		1423		158.0	159.0	2.3

2000

3/14/14

**D = Duplicate**

10% Duplicates

1630

B Blank

5% Blanks

CTRC 3/14/14

**S = Spike**

3/19/14





Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Helen Street School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43692  
Date Received: 03/14/14  
Date Analyzed: 03/17/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Kind. - DeStefano	2106	03/12/14	0951	03/14/14	1021	1.2
Atlantis - Iannotti	1896	03/12/14	1000	03/14/14	1023	0.8
Atlantis - Iannotti - Duplicate	1981	03/12/14	1000	03/14/14	1023	0.9
Literacy Specialist	1865	03/12/14	1005	03/14/14	1026	1.0
Atlantis - Quinn	1983	03/12/14	1009	03/14/14	1025	1.6
Field Blank	3269	03/12/14	--	03/14/14	--	ND<0.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

Amanda Parkins, Laboratory Analyst &  
Kathleen Williamson, Laboratory Manager

Reviewed by

Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/18/14

215525.0000,0000

Helena St. School

## Radon Device Placement Log

Lab #:

43692

[illegible]

10/2/2014

Q

$$\frac{3}{14} \div \frac{1}{14}$$

**D = Duplicate**

**B = Blank**

10% Duplicates

### 5% Blanks

**S = Spike**

OTRO

3/17/14



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Ridge Hill School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43694  
Date Received: 03/14/14  
Date Analyzed: 03/18/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Vanguard	413	03/12/14	1402	03/14/14	1423	ND<0.5
Vanguard - Duplicate	3145	03/12/14	1402	03/14/14	1423	0.7
Mercury	1960	03/12/14	1404	03/14/14	1425	0.8
Tutoring	2000	03/12/14	1407	03/14/14	1426	0.8
Field Blank	3270	03/12/14	--	03/14/14	--	ND<0.5

Results relate only to samples tested, as received by the laboratory

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by AKP  
Amanda Parkins, Laboratory Analyst

Reviewed by KW  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued: 3/18/14

215525.000.000

Bridge Hill School

## Radon Device Placement Log

**Client:**

Lab #:

113604

[illegible]

*[Signature]*

ARPA 3/14/14

**D = Duplicate**

1630

**B = Blank**

10% Duplicates  
5% Blanks

OTRO

3/18/14



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Shepherd Glen School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43697  
Date Received: 03/14/14  
Date Analyzed: 03/19/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Field Blank	2045	03/12/14	--	03/14/14	--	ND<0.5
Explorer	2080	03/12/14	1045	03/14/14	1102	0.6
Explorer - Duplicate	2166	03/12/14	1046	03/14/14	1103	ND<0.5
Discovery	316	03/12/14	1049	03/14/14	1104	0.5
Pioneer	354	03/12/14	1053	03/14/14	1108	0.7
Colonizer	2125	03/12/14	1058	03/14/14	1110	0.6
Art Room	399	03/12/14	1101	03/14/14	1113	ND<0.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

AK Perkins  
Amanda Perkins, Laboratory Analyst

Reviewed by

Kathleen Williamson  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/19/14

# 815525.0000

Site location:  
Shepherd Glen School - Harpers

## Radon Device Placement Log

Lab #:

43697

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
2045	Blank	-	-	3/12/14	-	3/14/14	-		158.2	158.3	nd
2080	Explorer-Kinder	G	Middle		1045		1102		158.0	158.7	0.0
2166	Explains - Duplex	G	Middle Deposits		1046		1103		156.9	157.5	nd
316	Discovery	G	Middle Deposits		1049		1104		157.4	157.7	0.5
354	Pioneer	G	Middle Deposits		1053		1108	Muriel's from entrance kitchen	159.9	160.2	0.7
2125	Colonizer	G	Right (Muriel's corner)		1058		1110		157.8	158.6	0.6
399	Airt Room	G	Teacher Desk		1101		1113		159.2	159.5	nd

3/19/14

Received by: Q1  
3/14/14

10% Duplicates

1630

Blank

5% Blanks

CTRO 3/19/17

**S = Spike**



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Spring Glen School, Hamden, CT

Project #: 215525.0000.0000

Radon Log #: 43695

Date Received: 03/14/14

Date Analyzed: 03/18/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Computer Lab	3079	03/12/14	1435	03/14/14	1445	ND<0.5
Computer Lab - Duplicate	508	03/12/14	1435	03/14/14	1445	ND<0.5
Art Room	2153	03/12/14	1438	03/14/14	1447	ND<0.5
Room 109	342	03/12/14	1440	03/14/14	1448	ND<0.5
Room 102	414	03/12/14	1442	03/14/14	1450	ND<0.5
Field Blank	1882	03/12/14	--	03/14/14	--	ND<0.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

*[Signature]*

Amanda Parkins, Laboratory Analyst &  
Kathleen Williamson, Laboratory Manager

Reviewed by

*[Signature]*  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

*3/18/14*

21505 ord. (var)

Spring Glen School

## Radon Device Placement Log

2

130

43695

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
3029	Computer Lab	1	Backshelf	3/12/14	14:35	3/14/14	14:45		101.8	102.0	nd
508	Computer Lab	1	Backshelf		14:35		14:45	D	159.1	159.4	nd
2153	Art Recm	1	Cabinet		14:38		14:47		150.5	157.4	nd
342	Recm 109	1	Center		14:40		14:48		159.5	160.0	nd
414	Recm 109 <sup>MS</sup>	1	Shelves		14:42		14:50		159.4	160.0	nd
1802	Blank							B	155.7	155.8	nd

Relinquished by:

Received by:

alpha 3/14/14

**D = Duplicate**

10% Duplicates

1636

B = Blank

5% Blanks

QTRC

318114





Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: West Woods School, Hamden, CT

Project #: 215525.0000.0000

Radon Log #: 43700

Date Received: 03/14/14

Date Analyzed: 03/19/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Field Blank	2077	03/12/14	--	03/14/14	--	ND<0.5
Art Room	2017	03/12/14	0821	03/14/14	0853	ND<0.5
Art Room - Duplicate	379	03/12/14	0822	03/14/14	0854	ND<0.5
Music Room	2136	03/12/14	0833	03/14/14	0856	0.5
Elm - Ms. Blake	1018	03/12/14	0836	03/14/14	0858	ND<0.5
Dogwood - Kindergarten	2034	03/12/14	0842	03/14/14	0901	ND<0.5
Hickory	3215	03/12/14	0845	03/14/14	0903	ND<0.5
Maple - Barone	2150	03/12/14	0849	03/14/14	0904	0.5
Hemlock	2101	03/12/14	0853	03/14/14	0905	ND<0.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

Amanda Parkins  
Amanda Parkins, Laboratory Analyst

Reviewed by

Kathleen Williamson  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/20/14

TRC LABORATORY RADON ANALYTICAL CERTIFICATIONS

NEHA NRP ID# 102266AL CT # PH-0426 NY # 10980

•

Westbrook School - Warren

### Radon Device Placement Log

[illegible]

43700

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
2077	Blank.								158.4	158.5	nd
2017	Art Room	6	6/c cans	3/12/14	0821	3/14/14	0853		157.0	158.1	nd
379-	Replica te	6	I		0822		0854		159.0	159.2	nd
2136	Music Room	6	OSide teachsp		0833		0856		158.4	159.1	0.5
1018	Elm - MS. Snake	6	3/c teach. Dkt		0836		0858	picture + mixed / found objects	158.5	159.4	nd
2034	OSide kindergarten	6	OSide teach Dkt		0842		0901		157.7	158.3	nd
3815	1116057 Maple - Parone	6	Middle teach Dkt		0845		0903		101.1	101.9	nd
2150	Maple - Parone	6	A/D teach Dkt		0849		0904		158.9	159.5	0.5
2101	Hemlock	6	A/C teach Dkt		0853		0905		155.7	156.3	nd

3/19/14

Relinquished by: ZZZ - 3/14/13

Received by: AKK  
3/14/14

D - Duplicates

10x Diluitor

PRO

1630

B = Blank

5% Blanks

**С. С. Снйк**



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Interdistrict Magnet School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43691  
Date Received: 03/14/14  
Date Analyzed: 03/17/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Room 73	2085	03/12/14	0834	03/14/14	0936	ND<0.5
Room 72	1866	03/12/14	0836	03/14/14	0938	ND<0.5
Room 63	1951	03/12/14	0838	03/14/14	0939	ND<0.5
Media Center	3182	03/12/14	0843	03/14/14	0941	ND<0.5
Room 31	1811	03/12/14	0845	03/14/14	0943	0.5
Room 26	435	03/12/14	0848	03/14/14	0944	ND<0.5
Room 26 – Duplicate	2047	03/12/14	0848	03/14/14	0944	ND<0.5
Room 21	1886	03/12/14	0850	03/14/14	0948	ND<0.5
Room 8	2163	03/12/14	0852	03/14/14	0950	0.5
Room 1	543	03/12/14	0855	03/14/14	0952	ND<0.5
Room 14	2064	03/12/14	0857	03/14/14	0958	ND<0.5
Field Blank	1876	03/12/14	--	03/14/14	--	ND<0.5


Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

  
Amanda Parkins, Laboratory Analyst

Reviewed by

  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/17/14

Project #: 215525, dec0, gxx0

Site Location: Interdistrict Magnet School

# Radon Device Placement Log

Client:

Lab #: 43691

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
2085	Rm 23	1	Counter	3/12/14	8:34	3/14/14	9:36		157.2	158.0	nd
1866	Rm 22	1	Filing Cabinet		8:36		9:38		155.7	156.5	nd
1951	Rm 63	1	Cabinet Shelf		8:38		9:39		156.7	157.7	nd
3182	Media Center	1	Cabinet Top		8:43		9:41		157.7	158.5	nd
1811	Rm 31	1	Cabinet Top		8:45		9:43		155.2	156.2	0.5
435	Rm 26	1	Counter		8:48		9:44		159.4	159.8	nd
2047	Rm 26	1	Counter		8:48		9:44	D	157.7	158.4	nd
1886	Rm 21	1	Shelf		8:50		9:49		155.6	156.3	nd
2163	Rm 8	1	Counter		8:52		9:50		156.4	157.1	0.5
543	Rm 1	1	Top of Shelf		8:55		9:52		159.3	159.5	nd
2064	Rm 14	1	Top of Cabinet		8:57		9:58		158.4	159.0	nd
1826	Blank							P	156.8	156.9	nd

Relinquished by: 

Received by:  3/14/14 1630

D = Duplicate

B = Blank

S = Spike

10% Duplicates

5% Blanks

CTRC



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Handen Collaborative Learning Center, Hamden, CT

Project #: 215525.0000.0000

Radon Log #: 43690

Date Received: 03/14/14

Date Analyzed: 03/15/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Main Office	2116	3/12/14	1045	3/14/14	1054	ND<0.5
Principal's Office	2134	3/12/14	1046	3/14/14	1056	0.5
Room 101	3237	3/12/14	1049	3/14/14	1058	1.2
Room 102	1917	3/12/14	1051	3/14/14	1059	0.7
Room 103	3151	3/12/14	1054	3/14/14	1101	0.8
Room 103- Duplicate	912	3/12/14	1054	3/14/14	1101	0.7
Room 100B	3184	3/12/14	1058	3/14/14	1104	ND<0.5
Room 100A	2043	3/12/14	1100	3/14/14	1105	ND<0.5
Room 104	1083	3/12/14	1102	3/14/14	1106	ND<0.5
Room 105	1693	3/12/14	1104	3/14/14	1107	0.5
Room 106	2160	3/12/14	1106	3/14/14	1109	0.7
Room 106- Duplicate	2152	3/12/14	1106	3/14/14	1109	0.5
Nurse	2035	3/12/14	1108	3/14/14	1110	1.1
ALPS (Dean)	426	3/12/14	1110	3/14/14	1112	ND<0.5
Kitchen	2016	3/12/14	1112	3/14/14	1114	0.9
PE Office	2167	3/12/14	1116	3/14/14	1117	1.1
Gym	1834	3/12/14	1119	3/14/14	1120	0.8
Gym	3273	3/12/14	1121	3/14/14	1122	0.7
Gym	3290	3/12/14	1122	3/14/14	1123	0.7
Field Blank	460	3/12/14	--	3/14/14	--	ND<0.5

TRC LABORATORY RADON ANALYTICAL CERTIFICATIONS

NEHA NRPP ID# 102266AL CT # PH-0426 NY # 10980


Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

  
Kathleen Williamson, Laboratory Manager

Reviewed by

  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/17/14

Project #: 215585.0000.0000  
 Site Location: HCLC

Radon Device Placement Log

Client: 43690  
 Lab #: 43690

*Handwritten: Henderson Collaborative Learning Center*

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
211C	Main Office	1	Filing cabinet	3/12/14	16:45	3/14/14	16:54		156.5	152.1	nd
2134	Principal's Office	1	Filing cabinet		16:46		16:56		158.2	158.8	0.5
3237	Room 101	1	Counter		16:49		16:58		162.1	162.8	1.2
1917	Room 102	1	Counter		16:51		16:59		156.7	157.7	0.7
3151	Room 103	1	Counter		16:54		17:01		158.3	159.1	0.8
9112	Room 103	1	Counter		16:54		17:01	0	161.5	162.0	0.7
3184	Room 100B	1	Cabinet		16:58		17:04		157.3	158.0	nd
2043	Room 101A	1	Table		17:00		17:05		156.7	157.7	nd
1083	Room 104	1	Counter		17:02		17:06		159.5	160.4	nd
1693	Room 105	1	Filing cabinet		17:04		17:07		164.0	165.1	0.5
216C	Room 106	1	Counter		17:06		17:09		157.0	157.8	0.7
2152	Room 106	1	Counter		17:06		17:09	D	159.2	159.7	0.5
2035	Nurse	1	Cabinet		17:08		17:10		158.6	159.3	1.1
426	ALPS (Dental)	1	Filing cabinet		17:10		17:12		158.5	158.8	nd
2046	Kitchen	1	Counter		17:12		17:14		157.6	158.3	0.9
2162	PE Office	1	Filing cabinet		17:16		17:17		156.9	157.5	1.1

Relinquished by: *[Signature]*

Received by: *[Signature]* 3/14/14

CTRC

D = Duplicate  
 B = Blank  
 S = Spike

10% Duplicates  
 5% Blanks  
 P 1 of 2

3/15/14



71575 ccx0.0cc0

Site location: HCLC

## Radon Device Placement Log

**Climat.**

Lab #

413690

[illegible]

3/15/14

Received by:

3/14/14

D = Duplicate

## 10% Duplicates

0301

5% Blanks

**B = Blank**  
**S = Sniko**

p 2 of 2

PRO



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Hamden Middle School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43701  
Date Received: 03/14/14  
Date Analyzed: 03/18/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Field Blank	1671	03/12/14	--	03/14/14	--	ND<0.5
Room 113	1934	03/12/14	1125	03/14/14	1151	1.0
Room 113 - Duplicate	941	03/12/14	1126	03/14/14	1152	0.8
Room 116	1879	03/12/14	1128	03/14/14	1154	0.5
Room 122	2179	03/12/14	1132	03/14/14	1156	0.5
Room 126	1878	03/12/14	1136	03/14/14	1159	0.5
Room 132	510	03/12/14	1139	03/14/14	1201	ND<0.5
Room 136	504	03/12/14	1142	03/14/14	1203	ND<0.5
Room 142	629	03/12/14	1145	03/14/14	1205	ND<0.5
Room 146	2113	03/12/14	1148	03/14/14	1208	0.6
Room 155	2093	03/12/14	1152	03/14/14	1213	ND<0.5
Room 158	1363	03/12/14	1155	03/14/14	1211	ND<0.5


Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

  
Amanda Parkins, Laboratory Analyst &  
Kathleen Williamson, Laboratory Manager

Reviewed by

  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/18/14

Project #: 215525.0000  
 Site Location: Hamden Middle School - Hamden CT

Radon Device Placement Log

Client:   
 Lab #: 43701

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
1671	Blank	—	—	3/12/14	—	3/19/14	—		163.3	163.4	nd
1934	Room 113	1	Canister		1125		1151		156.4	157.3	1.0
941	Room 115-AP	1	Canister		1126		1152		162.3	162.7	0.8
1879	Room 116	1	Canister		1128		1154		155.5	156.5	0.5
2179	Room 122	1	Canister		1132		1156		157.8	158.5	0.5
1878	Room 126	1	Canister		1136		1159		156.0	156.9	0.5
510	Room 132	1	Canister		1139		1201		159.7	159.9	nd
504	Room 136	1	Canister		1142		1203		159.2	159.5	nd
629	Room 142	2	Canister		1145		1205		157.8	159.0	nd
2113	Room 146	2	Canister		1148		1208		158.2	158.9	0.6
2093	Room 155	2	Canister		1152		1213	Posn by teacher over circumstances - not still in correct location per day	158.0	158.7	nd
1363	Room 158	1	Canister		1155		1211		169.7	170.8	nd

3/18/14

Relinquished by: [Signature]  
 CTRC 3/14/14

Received by: [Signature]  
 1630 3/14/14

D = Duplicate  
 B = Blank  
 S = Spike  
 10% Duplicates  
 5% Blanks



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windser, CT 06095  
(860) 298-6308

# RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Hamden High School, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43696  
Date Received: 03/14/14  
Date Analyzed: 03/19/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
Field Blank	2067	03/12/14	--	03/14/14	--	ND<0.5
Men's PE Office	112	03/12/14	1245	03/14/14	1314	ND<0.5
Men's PE Office - Duplicate	210	03/12/14	1246	03/14/14	1315	ND<0.5
C105	2089	03/12/14	1255	03/14/14	1318	ND<0.5
C109	51	03/12/14	1259	03/14/14	1320	ND<0.5
C102	2066	03/12/14	1302	03/14/14	1322	ND<0.5
B107	1907	03/12/14	1305	03/14/14	1325	ND<0.5
B104	1993	03/12/14	1309	03/14/14	1327	0.6
B103	1466	03/12/14	1311	03/14/14	1329	ND<0.5
A115 - Library	1251	03/12/14	1315	03/14/14	1334	0.5
A123	1800	03/12/14	1319	03/14/14	1337	1.1
A114	2041	03/12/14	1321	03/14/14	1338	0.6
D111	594	03/12/14	1326	03/14/14	1343	ND<0.5
D107	2187	03/12/14	1330	03/14/14	1345	0.5
A102	2021	03/12/14	1336	03/14/14	1340	0.7

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.


TRC LABORATORY RADON ANALYTICAL CERTIFICATIONS

NEHA NRPP ID# 102266AL, CT # PH-0426 NY # 10980

Analyzed by

  
Kathleen Williamson, Laboratory Manager

Reviewed by

  
Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/19/14

Project #: 215525, 0000

Site Location: Hamden High School - Hamden CT

Radon Device Placement Log

Client: \_\_\_\_\_

Lab #: 43696

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
2067	Blank	—	—	3/12/14	—	3/14/14	—		158.8	158.9	nd
112	Phrens PE Office	B	Desk		1245		1314		103.0	103.9	nd
210	Phrens PE Office	B	Desk		1246		1315		158.3	158.5	nd
2059	C102 105	G	OS side table		1255		1318		158.5	159.1	nd
51	C109	G	OS side table		1259		1320		103.4	103.8	nd
2060	C102	G	OS side table		1302		1322		159.1	159.7	nd
1907	B107	G	OS side table		1305		1325		150.3	157.2	nd
1993	B104	G	OS side table		1309		1327		155.0	156.0	0.0
1460	B103	G	OS side table		1311		1329		107.7	108.0	nd
1251	Library A115	G	OS side table		1315		1334		157.0	158.0	0.5
1800	A123	G	OS side table		1319		1337		150.1	157.0	1.1
2011	A114	G	OS side table		1321		1338		158.5	159.2	0.0
594	D111	G	OS side table		1326		1343		159.5	159.9	nd
2187	D107	G	OS side table		1330		1345		158.7	159.3	0.5
2021	A102	G	OS side table		1336		1340		150.8	157.5	0.7

Relinquished by: [Signature]

Received by: ALP 3/14/14

D = Duplicate

10% Duplicates

CTRC 3/14/14

1030

B = Blank

5% Blanks

S = Spike

3/12/14



Industrial Hygiene Laboratory  
21 Griffin Road North  
Windsor, CT 06095  
(860) 298-6308

RADON ANALYSIS REPORT

CLIENT: Town of Hamden

Site: Central Office, Hamden, CT  
Project #: 215525.0000.0000  
Radon Log #: 43693  
Date Received: 03/14/14  
Date Analyzed: 03/18/14

Test Location	Canister #	Start Date	Start Time	Stop Date	Stop Time	Radon Concentration
B10	1926	03/12/14	1318	03/14/14	1338	1.0
B10 - Duplicate	3181	03/12/14	1318	03/14/14	1338	1.3
Staff Lounge/Storage	1986	03/12/14	1320	03/14/14	1341	3.7
B4	462	03/12/14	1322	03/14/14	1343	1.9
B1	2159	03/12/14	1323	03/14/14	1345	2.5
Psychology	235	03/12/14	1329	03/14/14	1358	0.9
Field Blank	2082	03/12/14	--	03/14/14	--	ND<0.5

Results relate only to samples tested, as received by the laboratory.

This laboratory utilizes gamma scintillation spectroscopy to analyze activated charcoal (AC) canisters following USEPA Indoor Radon and Radon Decay Product Measurement Device Protocols, July 1992. The United States Environmental Protection Agency has set a CONTINUOUS EXPOSURE Action Level of 4 pCi/l as a guidance level at which further testing and/or remedial actions are indicated. Consult your testing laboratory or State Health Department for further information.

Analyzed by

Amanda Parkins, Laboratory Analyst

Reviewed by

Kathleen Williamson, Laboratory Manager  
or other approved signatory

Date Issued:

3/19/14



21575

077169

## Radon Device Placement Log

Lab #:

43693

Canister #	Apt #/Location	Floor	Placement Location	Start Date	Start Time	Stop Date	Stop Time	Comments	Initial Wt.	Final Wt.	Result
1926	B10	B	Table	3/12/14	13:18	3/14/14	13:38		155.2	154.1	1.0
3181	B10	B	Table	/	13:18	/	13:38	0	159.6	160.4	1.3
1986	Staff Lounge/Storage	B	Cabinet	/	13:20	/	13:41		156.6	157.7	3.7
462	B4	B	Table	/	13:22	/	13:43		158.6	159.0	1.9
2159	B1	B	Shelf	/	13:23	/	13:45		158.1	158.8	2.5
235	Psychology	1	Desk	/	13:29	/	13:58		157.5	157.9	0.9
2082	Blank	—	—	—	—	—	—	B	159.2	159.3	nd

Michael

Orl

3/14/14

D = Duplicate

1630

**B = Blank**

## 10% Duplicates

5% Blanks

OTRC

**S = Spike**

***Erik R. Plimpton***  
***TRC Environmental Corporation***

Has satisfactorily fulfilled the requirements set forth by the  
National Radon Proficiency Program and is therefore certified as a:

***Residential Measurement Certification***  
***NRPP ID # 102265 RT Expires 1/31/2016***



Valid for specific activities or measurement devices, which can be verified with NRPP.  
State and local agencies may have additional requirements.

In Witness Whereof,  
I have subscribed my name as a  
Representative of NRPP

*Janna M. Sinclair*

Janna M. Sinclair  
NRPP Credentialing Coordinator

National Radon Proficiency Program



Erik R. Plimpton

Residential Measurement Provider

ID Number: 102265 RT  
Expiration: 1/31/2016  
To confirm validity of this certification call (800) 269-4174. Verification of adherence to state and local regulations is advised. See reverse for specific certification designations.

Erik R. Plimpton  
102265 RT  
This individual is certified for the use of passive measurement devices to be analyzed by NRPP certified Analytical Laboratories and also certified to provide Analytical Services using the following device(s):

F & J RA40V 4" open face canister  
REM AT-100 Alpha Track Detector

The radon office for the state in which this person resides may be contacted for information on radon and local requirements. For additional information contact NRPP at 800/269-4174, or visit the NRPP web-site at nrpp.info

State Radon Program Contact Number: 860-509-7367

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


*This Certificate is awarded to*

*Erik Plimpton*

*For the satisfactory completion of the training course*

*Radon Testing in Connecticut Schools*

*Course Date: November 21, 2005*

  
*Francesca Provenzano*  
*Francesca Provenzano, Health Program Supervisor*