

Peter Dart
Superintendent

February 28, 2024

Dear Mansfield Elementary School Families and Staff:

This letter is to provide you with notification that radon-in-air testing was conducted at Mansfield Elementary School from January 23-25, 2024. Per Connecticut General Statute § 10-220(d)(2), schools are required to periodically inspect and evaluate the indoor air quality of school buildings. This required inspection and evaluation of indoor air quality includes the evaluation of radon in the air. Radon is a naturally occurring radioactive gas and comes from the natural breakdown of uranium which is found in soil and rock all over the United States.

Environmental Transactions, Inc conducted the radon testing and determined that a total of 15 rooms had average results that were at or above 4.0 picocuries per liter (pCi/L) for radon gas which is considered elevated and requires action. Given that MES is a new building, the need to remediate radon gas was anticipated and included in the design. With the addition of fans, we will be able to vent gases following DPH/EPA guidelines. The district is required to re-test these areas to ensure that the mitigation plan has reduced radon gas. The report that includes testing data from Environmental Transactions, Inc follows this letter.

To read more about radon and the school testing program effort please use the following link: <https://portal.ct.gov/-/media/DPH/Radon-Program/schools-pamphlet-legal-rev-2023.pdf> . If you have further questions or concerns regarding radon, please feel free to contact the EHHD health department at (860) 429-3325 or the Connecticut Department of Public Health Radon Program at (860) 509-7300.

Sincerely,
Peter Dart
Superintendent of Schools



RADON ANALYSIS REPORT

1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

LOUIS ENVIRONMENTAL TRANSACTION
35 Mill Rd
WOODCLIFF LAKE, NJ 07677

EXPOSED FOR: 01/23/2024-01/25/2024
REPORT DATE: 02/02/2024

TEST LOCATION
MANSFIELD ELEMENTARY SCHOOL
134 Warrenton Rd
Mansfield, CT 06250

This is a confidential report of the radon samples that were submitted to our laboratory for measurements of radon-222 levels. The results represent the amount of radon that was present in the air during the time of sampling. The radon is measured in our laboratory using the liquid scintillation method. This report will not be released to anyone without your permission except as required by individual state laws and guidelines.

THE EPA RECOMMENDS THAT YOU FIX YOUR HOME IF THE RADON LEVEL IS 4 PICOCURIES (pCi/L) OR HIGHER

Please read the EPA Citizen's Guide to Radon at www.epa.gov/radon/pubs/citguidc.html. Residents of New Jersey should read "Radon Testing and Mitigation: The Basics" at <http://njradon.org/download/mitbas.pdf>. Radon levels less than 4 pCi/L still pose a risk. You may want to take additional measurements because radon levels can vary with the seasons. You may also want to consider doing a long term test to determine the average radon concentrations over a longer period of time. If the radon level is 4.0 pCi/L or higher you should perform either a long-term test or a second short-term test. If the radon level is higher than 10 pCi/L you should perform a second short-term test immediately. **If you would like to learn how to lower your radon levels, or have other questions, please contact your state radon office.**

LIMITATIONS OF DATA AND PRODUCT LIABILITY

PRO-LAB expressly disclaims any and all liability for any special, incidental, or consequential damages resulting directly or indirectly from the improper use of or improper interpretation of the radon product or its results. Any delays in receipt of the test sample by PRO-LAB shall be the sole responsibility of the purchaser and their legal remedy shall be limited to recourse with their chosen carrier. Additionally, PRO-LAB shall not be responsible for the improper placement of the test canister nor shall PRO-LAB be liable for results derived directly or indirectly from the improper placement of said test canister. PRO-LAB, its agents, its retailers, its distributors, and the manufacturers' sole liability are limited to the cost for the replacement of the test canister itself only.

Jose Figueroa, RMS
NRPP CERT # 109347 RT
NRSB CERT # 18SS007

PRO-LAB NRSB # ARL0028
PRO-LAB NEHA ID # 101461AL

James E. McDonnell IV



PO Box 279
River Edge, NJ 07661

February 5, 2024

Catharine Varga
Mansfield Public Schools
4 S. Eagleville Rd.
Storrs Mansfield, CT 06268

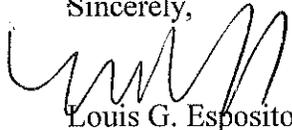
Dear Catharine:

I have enclosed re-test results for radon testing at The Mansfield Elementary School. As you can see, all results (Except Gym Front) have an **average** EPA action level **over** 4.0 pCi/L. Based on these results, remediation for the listed rooms are recommended.

All rooms tested were done under closed conditions, with all windows shut and the HVAC system running under normal school use conditions in accordance with EPA and CT State guidelines.

Please call if you have questions. Thank you for using Environmental Transactions, Inc.

Sincerely,



Louis G. Esposito



RADON ANALYSIS REPORT

1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

HERE ARE YOUR TEST RESULTS

<u>VIAL #</u>	<u>LOCATION</u>	<u>RADON LEVEL</u>
5340652	1ST FLOOR-RM 35	4.4 pCi/L
5340551	1ST FLOOR-RM 35 DUP	5.3 pCi/L
5340562	1ST FLOOR-RM 36	5.5 pCi/L
5340732	1ST FLOOR-RM 36 BLANK	< 0.3 pCi/L **
5341333	1ST FLOOR-MAIN OFFICE	5.9 pCi/L
5340835	1ST FLOOR-RM 146 G	5.9 pCi/L
5340884	1ST FLOOR-RM 146 A	7.7 pCi/L
5340823	1ST FLOOR-RM 146 B	7.7 pCi/L
5340733	1ST FLOOR-RM 146 C	6.5 pCi/L
5340671	1ST FLOOR-RM 039	8.0 pCi/L
5340756	1ST FLOOR-RM038	6.8 pCi/L
5340745	1ST FLOOR-RM037	6.7 pCi/L
5340681	1ST FLOOR-RM036	5.3 pCi/L
5340709	1ST FLOOR-GYM REAR	3.7 pCi/L
5340892	1ST FLOOR-GYM FRONT	2.7 pCi/L
5340569	1ST FLOOR-STAGE	3.1 pCi/L
5340658	1ST FLOOR-RM 040 D	4.1 pCi/L
5340511	1ST FLOOR-RM 013	8.2 pCi/L
5340765	1ST FLOOR-RM 013 DUP	7.2 pCi/L



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
RADON PROGRAM

INITIAL SCHOOL RADON MEASUREMENT REPORT FORM

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

May 2017

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. Do not send test results or other documents. Submit this signed form by mail, fax OR email (preferred) to the Radon Program at:

CT Department of Public Health Radon Program
410 Capitol Avenue, MS #12 RAD
Hartford, CT 06134-0308
Fax: 860-509-7295
Email: DPH.RadonReports@ct.gov

Name of School:

Mansfield Elementary School

Address:

(Street, town, zip code)

134 Wapponville Rd
Mansfield (Conn) CT 06250

Testing Company:

Environmental Transactions Inc

Measurement Professional:

NRPP/NRSB Certification #:

Louis Esposito
5550001

Please provide the following summary information:

Dates of Testing:

(deployment & retrieval dates. Include confirmatory testing dates if necessary)

11/28/23 - 11/30/23 RA 41134
1/23/24 - 1/25/24

Total # of Rooms Tested

67

Total # of Rooms Requiring Re-Testing:

19

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

15

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

Date

2/5/24



Phone: (860) 509-7299
Telephone Device for the Deaf (860)
509-7191 450 Capitol Avenue - MS # 12RAD
P.O. Box 340308 Hartford, CT 06134
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