



RAdata, LLC
27 Ironia Road, Unit 2
Flanders, NJ 07836
(973) 927-7303
(973) 927-4980 Fax
email: radonlab@radata.com

Radon Test Summary Report

- September 2024 -

Test location:

Head Start Community Program
18 Thompson Avenue
Dover, NJ 07801

Report Completed For:

Lew Corp
181 US Highway 46
Mine Hill, NJ 07803



RAdata, LLC
27 Ironia Road, Unit 2
Flanders, NJ 07836
(973) 927-7303
(973) 927-4980 Fax
email: radonlab@radata.com

12 September 2024
Lew Corp
181 US Highway 46
Mine Hill, NJ 07803

RE: Radon Test Results
Head Start Community Program - 18 Thompson Avenue, Dover, NJ 07801

*Enclosed are the radon results for the testing completed at Head Start Community Program located at 18 Thompson Avenue, Dover, New Jersey. Testing was completed from 09/03/2024 to 09/05/2024 using charcoal canisters that were analyzed by Method [EPA-402-R-92-004 July 92]. As per NJAC7:28-27, this report cannot be modified or changed in any way and must remain intact as it has been issued to you.

This radon testing has been completed according to the ANSI/ AARST extended radon measurement protocol according to the guidelines in the 2014 "Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings." These national protocols are established that generalizations about the building or complex can be made and may not represent actual radon levels of all areas of the building or complex. The results stated in this report only represent the locations tested within the report.

This is not a public report. Radon records are protected by New Jersey code/regulation. The rights of the property owner must be respected and data cannot be disbursed without proper permission from that owner. All tenant notification requirements of the regulating codes are the responsibility of the owner of the property.

If you have any questions, please feel free to contact our office.

Thank you,

Emily Ambrosi
NJ Certification #MES15804

C: file
Enclosures



RAdata, LLC
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Advisories



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Advisory When Radon Results Are All Below the 4.0 pCi/L Threshold

"Consider fixing the building if test results indicate radon concentrations greater than half the action level (e.g., between 2 and 4 pCi/L).

Responsible care requires repeating initial testing procedures for all building(s) at least every 5 years and in conjunction with any sale of a building.

Radon testing should also be conducted when any of the following circumstances occur:

- A new addition is constructed or alterations for building reconfiguration or rehabilitation occur
- A ground contact area not previously tested is occupied, or a building is newly occupied
- Heating or cooling systems are significantly altered, resulting in changes to air pressures or pressure relationships
- Ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures;
- Significant openings to soil occur due to:
 - Groundwater or slab surface water control systems that are altered or altered
 - e.g., sumps, perimeter drain tile, shower/tub retrofits, etc.
 - Natural settlement causing major cracks to develop
- Earthquakes or construction blasting, fracking or formation of sink holes nearby
- A mitigation system is altered, modified or repaired.

Should testing indicate concentrations that meet or exceed the action level, conduct evaluations, corrections and further testing until radon concentrations have been mitigated to below the action level."



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Measurement Professional Listings

The following measurement professionals oversaw testing activities during this project to ensure the ANSI/AARST protocols for the measurement of radon in air were followed for the building type identified as part of the project. The project management was responsible for adherence of protocol in accordance with quality procedures during planning, implementation, and reporting of this project. The onsite professional was responsible for adherence of protocol during test deployment and retrieval activities.

Project Management

RAdata LLC
NJ Certification #MEB90001
27 Ironia Road Unit 2
Flanders NJ 07836
973-927-7303

Project Oversight:

Emily Ambrosi
NJ Cert #MES15804

Signature:  _____

Project Onsite Professional

Lew Corp
181 US Highway 46
Mine Hill, NJ 07803

Technician: Alex Salvador
NJ Certification Number: MET13729

Signature:  _____



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Radon Test Results



RAdata, LLC
 27 Ironia Road, Unit 2
 Flanders, NJ 07836
 973-927-7303 Phone 973-927-4980

Lew Corp
 Greg Krueger
 181 US Highway 46
 Mine Hill, NJ 07803

Original Report: 9/6/2024

Radon Test Results/Information:

Location Name: Head Start Community Program

Test Location: 18 Thompson Avenue, Dover, NJ 07801

County: Morris

Municipality: Dover Town

The purpose of this test was: Screening

Test #	Test Date,Time	Test Device	Location	Laboratory*	Avg. Radon Concentration
Room #: CR1					
1743779-1005022	09/03/2024,10:00-09/05/2024,10:01	Charcoal Canister	First Floor	RAdata, LLC 14006	0.2 pCi/L
Room #: CR2					
1743780-1005023	09/03/2024,10:03-09/05/2024,10:05	Charcoal Canister	First Floor	RAdata, LLC 14006	< 0.2 pCi/L
Room #: CR3					
1743778-1005024	09/03/2024,10:05-09/05/2024,10:07	Charcoal Canister	First Floor	RAdata, LLC 14006	< 0.2 pCi/L
Room #: CR4					
1743764-1005026	09/03/2024,10:08-09/05/2024,10:09	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
Room #: CR4					
Duplicate of #1743764					
1743772-1005028	09/03/2024,10:12-09/05/2024,10:12	Charcoal Canister	First Floor	RAdata, LLC 14006	< 0.2 pCi/L
The average of the radon tests conducted at: First Floor level is: < 0.2 pCi/L					
Room #: Socialization Room					
1743762-1005034	09/03/2024,10:14-09/05/2024,10:15	Charcoal Canister	First Floor	RAdata, LLC 14006	0.8 pCi/L
Room #: CR5					
1743781-1005036	09/03/2024,10:18-09/05/2024,10:17	Charcoal Canister	First Floor	RAdata, LLC 14006	0.8 pCi/L

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Emily Ambrosi, NJ Licensed Measurement Specialist #MES15804

NJ DEP License #MEB90001

Room #: CR6

1743759- 1005038	09/03/2024,10:19- 09/05/2024,10:20	Charcoal Canister	First Floor	RAdata, LLC 14006	0.4 pCi/L
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Room #: CR6

Blank

1743774- 1005039	09/03/2024,10:20- 09/05/2024,10:21	Charcoal Canister	First Floor	RAdata, LLC 14006	< 0.2 pCi/L
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Room #: Family Services

1743770- 1005040	09/03/2024,10:24- 09/05/2024,10:23	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
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Room #: Office L

1743744- 1005044	09/03/2024,10:28- 09/05/2024,10:26	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
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Room #: Flex Room

1743773- 1005045	09/03/2024,10:31- 09/05/2024,10:31	Charcoal Canister	First Floor	RAdata, LLC 14006	0.4 pCi/L
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Room #: Flex Room

Duplicate of #1743773

1743749- 1005046	09/03/2024,10:34- 09/05/2024,10:35	Charcoal Canister	First Floor	RAdata, LLC 14006	0.5 pCi/L
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The average of the radon tests conducted at: First Floor level is: 0.4 pCi/L

Room #: Admin Office

1743767- 1005049	09/03/2024,10:37- 09/05/2024,10:36	Charcoal Canister	First Floor	RAdata, LLC 14006	0.7 pCi/L
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Room #: CEO Office

1743783- 1005050	09/03/2024,10:40- 09/05/2024,10:40	Charcoal Canister	First Floor	RAdata, LLC 14006	0.8 pCi/L
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Room #: Fiscal Office

1743771- 1005051	09/03/2024,10:41- 09/05/2024,10:42	Charcoal Canister	First Floor	RAdata, LLC 14006	0.5 pCi/L
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Room #: Health Services

1743782- 1005054	09/03/2024,10:44- 09/05/2024,10:46	Charcoal Canister	First Floor	RAdata, LLC 14006	1.3 pCi/L
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Room #: CR7

1743775- 1005055	09/03/2024,10:49- 09/05/2024,10:50	Charcoal Canister	First Floor	RAdata, LLC 14006	0.4 pCi/L
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Room #: CR8

1743754- 1005056	09/03/2024,10:52- 09/05/2024,10:53	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
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Emily Ambrosi, NJ Licensed Measurement Specialist #MES15804

NJ DEP License #MEB90001

Room #: CR9

1743763- 1005057	09/03/2024,10:56- 09/05/2024,10:56	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
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Room #: Staff Lounge

1743742- 1005058	09/03/2024,10:59- 09/05/2024,11:01	Charcoal Canister	First Floor	RAdata, LLC 14006	0.8 pCi/L
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Room #: Office G

1743787- 1005059	09/03/2024,11:03- 09/05/2024,11:05	Charcoal Canister	First Floor	RAdata, LLC 14006	0.4 pCi/L
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Room #: Office H

1743788- 1005060	09/03/2024,11:06- 09/05/2024,11:09	Charcoal Canister	First Floor	RAdata, LLC 14006	0.4 pCi/L
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Room #: Office K

1743789- 1005061	09/03/2024,11:09- 09/05/2024,11:12	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
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Room #: CR10

1743790- 1005062	09/03/2024,11:12- 09/05/2024,11:15	Charcoal Canister	First Floor	RAdata, LLC 14006	0.5 pCi/L
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Room #: CR11

1743765- 1005063	09/03/2024,11:15- 09/05/2024,11:18	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
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Room #: CR11

Blank

1743792- 1005064	09/03/2024,11:21- 09/05/2024,11:21	Charcoal Canister	First Floor	RAdata, LLC 14006	< 0.2 pCi/L
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Room #: CR12

1743745- 1005065	09/03/2024,11:25- 09/05/2024,11:23	Charcoal Canister	First Floor	RAdata, LLC 14006	0.3 pCi/L
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Room #: CR12

Duplicate of #1743745

1743786- 1005066	09/03/2024,11:27- 09/05/2024,11:25	Charcoal Canister	First Floor	RAdata, LLC 14006	0.2 pCi/L
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The average of the radon tests conducted at: First Floor level is: 0.3 pCi/L

Room #: CR13

1743766- 1005067	09/03/2024,11:29- 09/05/2024,11:28	Charcoal Canister	First Floor	RAdata, LLC 14006	0.2 pCi/L
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Room #: CR14

1743793- 1005068	09/03/2024,11:33- 09/05/2024,11:30	Charcoal Canister	First Floor	RAdata, LLC 14006	0.2 pCi/L
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Emily Ambrosi, NJ Licensed Measurement Specialist #MES15804

NJ DEP License #MEB90001

* Certified Radon Laboratory used to analyze the test device.

Test Completed By: Licensed measurement technician; NJ DEP License # MET13729/MET13729

The results of this measurement provide an idea of the average concentration in the area of the structure tested during this testing period. The actual risk depends upon the amount of time you are exposed to this concentration. The US EPA has identified 4.0 pCi/L as failing their action guidelines. Radon has been identified as the second leading cause of lung cancer. US EPA recommends that mitigation be considered at that level or higher. They have identified the national indoor average as 1.3 pCi/L but suggest that there is no safe level for radon and that homes with radon levels above 2.0 pCi/L be considered for mitigation as well. When untreated levels of radon are below 4.0 pCi/L the US EPA recommends at a minimum you should retest every 5 years or following any construction or changes to the home. If mitigation is installed to reduce radon levels the US EPA recommends the system be evaluated and radon retested at a minimum of every 2 years.

Important Notice:

"This notice is provided to you by an organization or individual certified by the New Jersey Department of Environmental Protection to perform radon measurements. N.J.S.A. 26:2D-73 requires that no certified person disclose to any individual, except the Department of Environmental Protection or (on request, to) the Department of Health, the address or owner of a nonpublic building that the person has tested or treated for the presence of radon gas and radon progeny, unless the owner of the building waives, in writing, this right of confidentiality. In the case of a prospective sale of a building which has been tested for radon gas and/or radon progeny, the seller shall provide the buyer, at the time the contract of sale is entered into, with a copy of the results of that test and evidence of any subsequent mitigation or treatment, and any prospective buyer who contracts for testing shall have the right to receive the results of that testing. Any questions, comments, or complaints regarding the persons performing these measurements, or related mitigation, or safeguarding services should be directed to the New Jersey Department of Environmental Protection. Attention: Radon Section, Bureau of Environmental Radiation (1-800-648-0394)." Visit the department's website at www.njradon.org for the most recent version of the approved testing and mitigation guidance documents.

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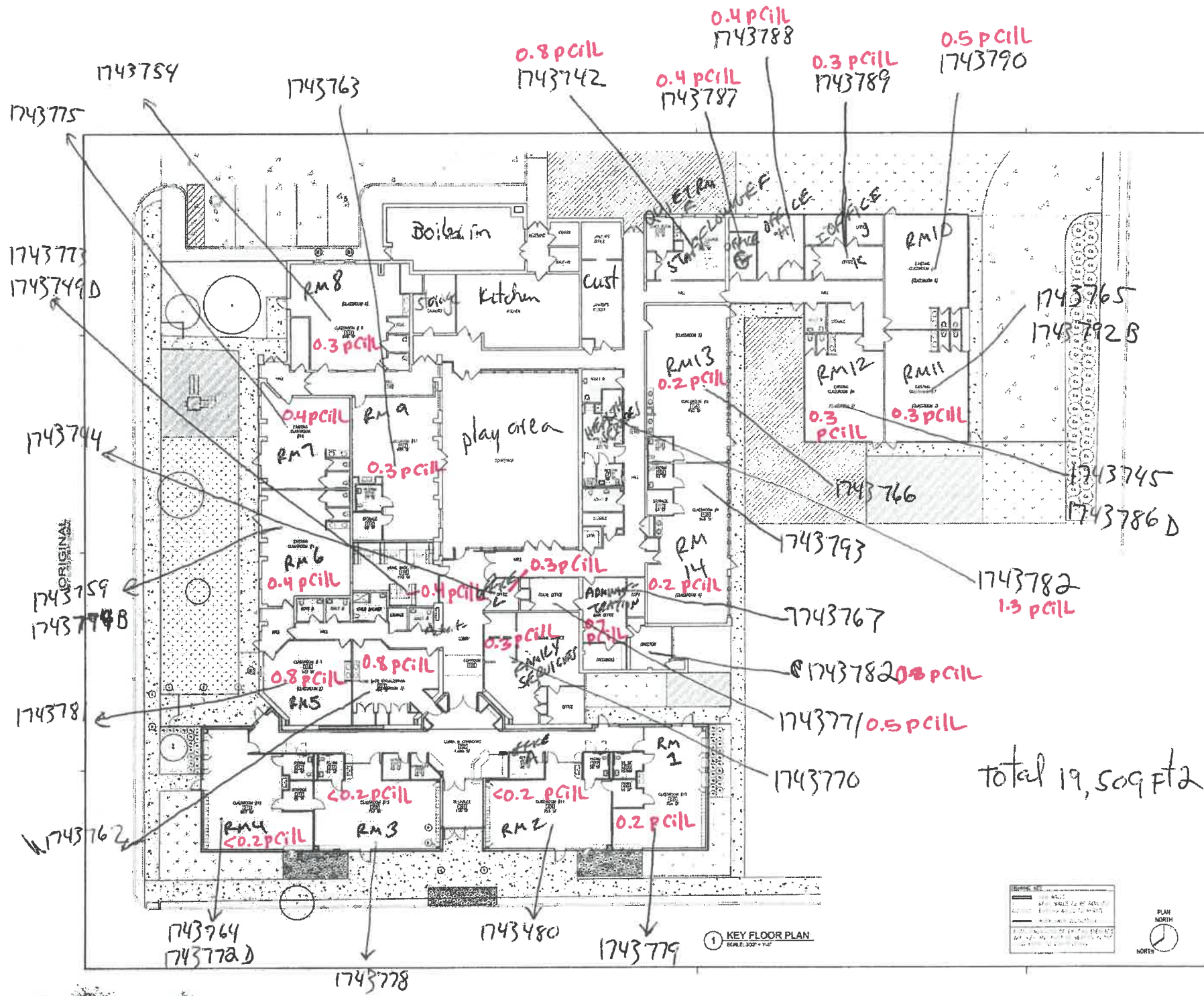
Emily Ambrosi, NJ Licensed Measurement Specialist #MES15804

NJ DEP License #MEB90001



RAdata, LLC
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email: radonlab@radata.com

Site Drawing



THE MUSIAL GROUP ARCHITECTURE
 151 Mill Lane
 Whippany, NJ 07981
 P. 908.232.2400
 F. 908.232.2402
 n.musial@musialgroup.com

The drawings, specifications and contract documents are prepared by the Architect and are the property of the Architect. They are to be used only for the project and site identified herein. Any other use, reproduction, or distribution of these drawings, specifications, or contract documents without the written consent of the Architect is prohibited. The Architect assumes no responsibility for the accuracy or completeness of the information provided by others. The Architect is not responsible for the accuracy or completeness of the information provided by others. The Architect is not responsible for the accuracy or completeness of the information provided by others.

PROJECT NAME:
 ADDITION & REHABILITATION

PROJECT ADDRESS:
 18 Thompson Avenue
 Dover, NJ 07801

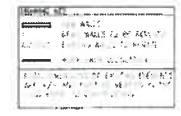
OWNER:
 Head Start Community
 Program of Morris County

JUNE 2023

No.	Revision Description	Date
000004 (1)		6-21-23
000004 (2)		6-21-23

Scale: as noted
 Drawn by:
 Checked by:
PERMIT DRAWINGS
 124522.00

KEY FLOOR PLAN
SK-37



1 KEY FLOOR PLAN
 SCALE: 3/32" = 1'-0"



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Project Quality Assurance



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Quality Assurance:

The following quality assurance measurements were conducted for this project in accordance with AANSI/ AARST measurement protocol:

- Duplicate Measurement (co-located): Two testing devices placed within 4-8 inches apart in the same test location for the purpose of detecting precision between measurements. Deployed at a frequency of 10% of total test locations.
 - Criteria: Duplicate measurements must calculate within given percentages based on results. Result may not be twice or more than the co-located sample..

- Field Blank Measurement: Devices that are placed in the field but are not exposed to indoor air for the purpose of detecting existing background radiation in the testing environment. Deployed at a frequency of 5% of total test locations.
 - Criteria: Blank measurement must calculate below the lower limit of detection for the analysis method (<0.2 pCi/L). Tests at or exceeding 50 test locations have additional requirements for inventory and office blanks in addition to field blanks.

- Spike Measurement: Devices that are sent to a third-party radon chamber, exposed to a known concentration of radon, and return to the laboratory for analysis for the purpose of detecting the accuracy of the measurement/ detection processes. The number of spikes measurement should be 3% of all total devices within a tester's local inventory.
 - Criteria: Spiked measurement must calculate within 25% of the known radon concentration at which it was exposed.

*Quality Assurance measures that meet set criteria are essential for reporting reliable measurements. Results of tests without proper quality controls may not be accurate.



Lew Corp
 Greg Krueger
 181 US Highway 46
 Mine Hill, NJ 07803

Original Report Date: August 27, 2024

Radon Test Results/Information:

Name: Spikes - Lot 1743740-1743807,

FileNum:

Test Location: _____

Test #	Test Date	Test Device	Location	Avg. Radon Concentration	Date Analyzed
Target Value: 25.4 pCi/L RPD: 6%					
1743746-1798209	8/19/2024,08:04-8/21/2024,08:04	Charcoal Canister	Slab on Grade	27.0 pCi/L +/- 0.49	8/22/2024,17:05 Analyzed by: Jamie Walburn
Target Value: 25.4 pCi/L RPD: -1%					
1743747-1798210	8/19/2024,08:04-8/21/2024,08:04	Charcoal Canister	Slab on Grade	25.0 pCi/L +/- 0.44	8/22/2024,17:04 Analyzed by: Jamie Walburn

[This sample has an associated uncertainty of greater than 10%]

The results of this measurement provide an idea of the average concentration in the area of the structure tested during this testing period. The actual risk depends upon the amount of time you are exposed to this concentration. The US EPA and the Center of Disease Control have used a continuous exposure level of 4.0 pCi/L as a guidance level at which remedial action is indicated. If you would like additional information on radon, we recommend that you contact either your state agency or the US EPA.

The accuracy of the radon levels determined at the time of sampling are dictated by proper deployment and conditions in the field. Since deployment in the field is not completed by Radata, Inc. laboratory personnel, the radon results indicated represent the levels found in the test device as received at our lab.

Charcoal Canister samples are analyzed by Method [EPA-402-R-92-004 July 92]
 Liquid Scintillation samples are analyzed by Method [EPA-402-R-92-004 July 92]
 (+/- = 2 sigma (95% confidence level) counting uncertainty reported in pCi/L.)

LIMITATIONS OF DATA AND PRODUCT LIABILITY

This product is designed to detect radon levels in a specific location. It can not guarantee the overall level of radon present in a home or building, or that people will not be exposed to potentially harmful levels of radon. The cost of this product is based solely on the value of the monitoring, and is unrelated to the value of any customers' property or health. RAdata, Inc. EXPRESSLY DISCLAIMS ALL LIABILITY FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES RESULTING FROM THE IMPROPER USE OF THE PRODUCT OR THE IMPROPER INTERPRETATION OF THE DATA GENERATED BY THE PRODUCT. RAdata's AND ITS AGENT'S SOLE AND EXCLUSIVE LIABILITY AND THE CUSTOMER'S SOLE LIABILITY AND EXCLUSIVE REMEDY WILL NOT EXCEED THE LESSER OF THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. Neither RAdata, Inc. nor its agents accepts any liability for improper deployment of any device and shall not be responsible for the consequences of the results derived from same.

Confidentiality Notice: These test results, including any attachments are for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, copying, disclosure, or distribution by other than the intended recipient or authorized agent is prohibited. RAdata, LLC will not disclose to anyone the identification of a client or results of sample analysis without the expressed consent of the client, except where required by law or by state/federal agency. In situations where information or results are being subpoenaed by a regulatory agency or the courts, RAdata, LLC will notify the client promptly.

Emily Ambrosi, Laboratory Director



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Work Order

ACCEPTANCE OF PROPOSAL/CONTRACT

The above services, specifications, conditions and fees are satisfactory and are hereby accepted. The LEW is authorized to do the services as specified. Payment will be made as outlined above.

Proposal Number 2834

Accepted by:  Date: 08-15-2024

Accepted by LEW: Melissa Gaagenti Date: 8/15/24

CHECK IF BILLING INFO IS SAME AS CLIENT INFO OR PROVIDE BELOW

Client Information Use Client Info **BILLING/INVOICING INFO**

Juan P Hernandez
Head Start Community of Morris County
18 Thompson Ave
Dover, NJ, 07801
Phone: 973-906-3459
Email juanf@headstartmc.org

Contact Name: _____

Contact Phone: _____

Contact E-mail: _____



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Notifications



181 US Hwy 46
 Mine Hill, NJ 07803
 (908) 654-8068
 (800) 783-0567
 Fax (908) 654-8069
 www.lewenvironmental.com

NONINTERFERENCE AGREEMENT

18 Thompson Avenue Dover NJ

Dear Occupant,

This radon test can help ensure healthy conditions in your building. It is important that required closed-building conditions be maintained. Any test interference that is detected will be documented in the report and may nullify the test results

Test device placement: Date 09-03-2024 Time 10:00 am
 Test device pick-up: Date 09-05-2024 Time 10:00 am

CLOSED-BUILDING PROTOCOL REQUIREMENTS	
For tests of less than 4 days, closed-building conditions are required to begin 12 hours prior to the test. MAINTAIN CLOSED-BUILDING CONDITIONS THROUGHOUT THE TEST PERIOD.	
Windows	Keep closed <i>on all levels of the building including areas not being tested</i>
Exterior doors (except for momentary entry and exit)	
Heating and cooling systems	Set to normal <i>occupied operating conditions with normal temperatures between 65° and 80° F</i>
Systems that temporarily ventilate with outdoor air for seasonal comfort or energy savings	Set to the lowest ventilation condition that occurs for any season
Whole-house Fans	Do not operate
Fireplaces including those that burn solid, liquid, or gas fuels unless they are the primary/normal sources of heat for the building	
Clothes dryers, range hoods and bathroom fans	Avoid excessive operation
Do not disturb test devices. The detectors cannot be moved, covered or have their performance altered during the test.	

Please sign this form and add any comments to help ensure accurate tests:

To the best of my knowledge, the required conditions were kept prior to & during the test.

Signature *[Signature]* Date 09-05-2024

Comments if any: Normal Conditions

We thank you for your cooperation in ensuring that this test contributes to a safe and healthy building interior.

Sincerely, LEW Environmental Services LLC Phone (908) 654-8068



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email: radonlab@radata.com

General Testing Checklist



RAdata, LLC
27 Ironia Road, Unit 2
Flanders, New Jersey 07836
973-927-7303
973-927-4980 fax

www.radata.com

Testing Check List

Customer: Head start Community Program

Site address: 18 Thompson Avenue Dover NJ 07801

BEFORE TESTING:

Building Information:

Building use: Daycare

Foundation type: Slab

Number of stories: 1

Number of levels at or below grade level: 0

Have floor plans of all levels of building. yes

Plans received and reviewed for areas covered: yes

Plan review for Duplicates, Blanks and QC/QA: yes

Signed work order received from Client - date: 8/15/24

Registration of Testing days with RAdata yes

Tests being placed: 9/3/24

Tests being retrieved: 9/5/24

Person responsible for notifying Tenants and Staff Juan Fernandez

Notification letter to staff - date issued: 9/3/24

Notification letter to tenants - date issued: N/A

Notification certification received N/A

Protocol variation explanation letter - date: N/A

TEST DEVICE PLACEMENT

Access to building secured for testing teams

Access person: Juan Fernandez

Access phone number: 973-906-3459

Meeting point: front entrance

Pictures of exterior of building: (all sides) Aerial view

Are any construction projects in progress NO

HVAC system operating in occupied building mode yes

Closed building conditions maintained 12 hours prior to start of testing yes

Any testing areas vacant NO

Any testing areas where HVAC system is not in normal building use conditions? NO

Posted closed condition reminders yes

Exterior temperature 74°

Interior temperature 70°

Weather dry

TEST DEVICE RETRIEVAL

Closed building conditions present at end to testing period? yes

Any test devices moved? NO

Exterior temperature 72°

Interior temperature 70°

Weather dry

Were there any severe weather events during the latter testing period? NO

Checklist Completed By: Alex Salvador

NJ Certification Number: MET 13729

Company Name: Lew Corporation

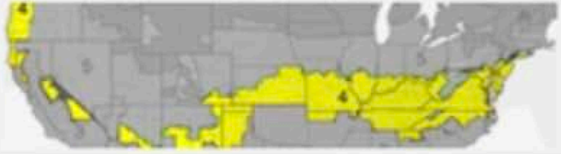
Signature: [Signature] Date: 9/5/24



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Weather & Reference Document for Normal Conditions

Table A-4

Mixed	<p style="text-align: center;">Climate Zone 4</p> <p>Includes portions of NY, NJ, PA, MD VA, KT, TN, KS, MO, WA and OR.</p> <p style="text-align: center;">This data is based on Philadelphia, PA</p>																															
<p>24 Hour Averages</p> <p>For dwellings and other 24 hour occupancies</p>																																
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24 Hour	Annual Avg	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug																			
4 Mixed Philadelphia, PA	55	68	57	47	36	32	34	42	53	63	72	77	76																			
Operating Condition	Prevailing Annually																															
	<i>Heating Conditions</i>	66%																														
	<i>Cooling Conditions</i>	16%																														
	<i>Mixed Conditions</i>	16%																														
Normal Operating Condition		<ul style="list-style-type: none"> Heating conditions No variance in outdoor air ventilation 																														
Condition less likely to inhibit characterization of a radon hazard		<ul style="list-style-type: none"> Heating and air distribution systems active 																														
<p>Daytime Averages</p> <p>For non-residential occupancies</p>																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Daytime</th> <th style="width: 15%;">Annual Avg</th> <th style="width: 10%;">School Avg</th> <th style="width: 10%;">Sep</th> <th style="width: 10%;">Oct</th> <th style="width: 10%;">Nov</th> <th style="width: 10%;">Dec</th> <th style="width: 10%;">Jan</th> <th style="width: 10%;">Feb</th> <th style="width: 10%;">Mar</th> <th style="width: 10%;">Apr</th> <th style="width: 10%;">May</th> <th style="width: 10%;">Jun</th> <th style="width: 10%;">Jul</th> <th style="width: 10%;">Aug</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4 Mixed Philadelphia, PA</td> <td style="text-align: center;">59</td> <td style="text-align: center;">52</td> <td style="text-align: center;">73</td> <td style="text-align: center;">62</td> <td style="text-align: center;">51</td> <td style="text-align: center;">40</td> <td style="text-align: center;">36</td> <td style="text-align: center;">38</td> <td style="text-align: center;">47</td> <td style="text-align: center;">58</td> <td style="text-align: center;">68</td> <td style="text-align: center;">77</td> <td style="text-align: center;">82</td> <td style="text-align: center;">81</td> </tr> </tbody> </table>		Daytime	Annual Avg	School Avg	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	4 Mixed Philadelphia, PA	59	52	73	62	51	40	36	38	47	58	68	77	82	81	
Daytime	Annual Avg	School Avg	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug																		
4 Mixed Philadelphia, PA	59	52	73	62	51	40	36	38	47	58	68	77	82	81																		
Operating Condition	Prevailing Annually		School (prevailing across 9 months)																													
	<i>Heating Conditions</i>	58%	78%																													
	<i>Cooling Conditions</i>	25%	-																													
	<i>Mixed Conditions</i>	16%	22%																													
Normal Operating Condition		<ul style="list-style-type: none"> Heating conditions No variance in outdoor air ventilation 																														
Condition less likely to inhibit characterization of a radon hazard		<ul style="list-style-type: none"> Heating and air distribution systems active 																														

Some Cities In This Climate Zone

Note—Exact percentages will vary slightly depending upon location

- | | |
|------------------|--------------|
| New York, NY | Amarillo, TX |
| Philadelphia, PA | Portland, OR |
| Richmond, VA | Seattle, WA |
| Washington, DC | |
| Baltimore, MD | |
| Louisville, KY | |
| Cincinnati, OH | |
| Nashville, TN | |
| Saint Louis, MO | |
| Kansas City, MO | |

676
CXUS51 KOKX 120910
CF6EWR

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: NEWARK NJ
MONTH: SEPTEMBER
YEAR: 2024
LATITUDE: 40 42 N
LONGITUDE: 74 10 W

TEMPERATURE IN F:		:PCPN:	SNOW:	WIND	:SUNSHINE:	SKY	:PK WND											
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
										12Z	AVG	MX	2MIN					
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	86	72	79	5	0	14	T	0.0	0	7.4	16	310	M	M	8		22	310
2	82	63	73	-1	0	8	0.00	0.0	0	13.3	21	320	M	M	4		36	300
3	76	55	66	-7	0	1	0.00	0.0	0	7.0	17	20	M	M	2		23	300
4	79	56	68	-5	0	3	0.00	0.0	0	4.2	12	130	M	M	3		17	120
5	79	57	68	-5	0	3	0.00	0.0	0	6.9	14	180	M	M	2		21	180
6	80	62	71	-1	0	6	0.00	0.0	0	6.9	14	150	M	M	8		21	170
7	80	60	70	-2	0	5	0.08	0.0	0	7.4	25	290	M	M	8	18	33	280
8	73	55	64	-8	1	0	0.00	0.0	0	11.3	22	270	M	M	3		32	250
9	80	51	66	-6	0	1	0.00	0.0	0	9.9	22	260	M	M	4		29	280
10	82	61	72	1	0	7	T	0.0	0	7.8	15	330	M	M	2		26	310
11	81	57	69	-2	0	4	0.00	0.0	0	5.1	13	170	M	M	3		18	170
SM	878	649			1	52	0.08	0.0		87.2			M		47			
AV	79.8	59.0								7.9	FASTST	M	M	4		MAX(MPH)		
							MISC	---->		25	290						36	300

NOTES:
LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

STATION: NEWARK NJ
MONTH: SEPTEMBER
YEAR: 2024
LATITUDE: 40 42 N
LONGITUDE: 74 10 W

[TEMPERATURE DATA]	[PRECIPITATION DATA]	SYMBOLS USED IN COLUMN 16
AVERAGE MONTHLY: 69.4	TOTAL FOR MONTH: 0.08	1 = FOG OR MIST
DPTR FM NORMAL: -3.0	DPTR FM NORMAL: -1.27	2 = FOG REDUCING VISIBILITY
HIGHEST: 86 ON 1	GRST 24HR 0.08 ON 7- 7	TO 1/4 MILE OR LESS
LOWEST: 51 ON 9		3 = THUNDER
	SNOW, ICE PELLETS, HAIL	4 = ICE PELLETS
	TOTAL MONTH: 0.0 INCH	5 = HAIL
	GRST 24HR 0.0	6 = FREEZING RAIN OR DRIZZLE
	GRST DEPTH: 0	7 = DUSTSTORM OR SANDSTORM:
		VSBY 1/2 MILE OR LESS
		8 = SMOKE OR HAZE
[NO. OF DAYS WITH]	[WEATHER - DAYS WITH]	9 = BLOWING SNOW
MAX 32 OR BELOW: 0	0.01 INCH OR MORE: 1	X = TORNADO
MAX 90 OR ABOVE: 0	0.10 INCH OR MORE: 0	
MIN 32 OR BELOW: 0	0.50 INCH OR MORE: 0	
MIN 0 OR BELOW: 0	1.00 INCH OR MORE: 0	

[HDD (BASE 65)]

TOTAL THIS MO.	1	CLEAR (SCALE 0-3)	4
DPTR FM NORMAL	1	PTCLDY (SCALE 4-7)	5
TOTAL FM JUL 1	1	CLOUDY (SCALE 8-10)	2
DPTR FM NORMAL	0		

[CDD (BASE 65)]

TOTAL THIS MO.	52
DPTR FM NORMAL	-33
TOTAL FM JAN 1	1460
DPTR FM NORMAL	286

[PRESSURE DATA]

HIGHEST SLP M ON M	
LOWEST SLP 29.75 ON 7	

[REMARKS]



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Guidance Documents



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Additional Radon information can be found at the agencies below:

- **New Jersey Department of Environmental Protection-
Radon Section**
website: <https://nj.gov/dep/rpp/radon/>
radon Hotline: 800-648-0394
- **US EPA**
website: www.epa.gov/radon
- **American Association of Radon Scientists and
Technologists**
website: <https://aarst.org>
- **National Radon Proficiency Program**
website: <https://nrpp.info>

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