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## Lead-Based Paint Evaluation Report Inspection

**Performed At:**

24 Roosevelt Ave Unit:B  
B  
Northfield City, NJ 08225

**Performed For:**

Atlantic County Improvement Authority  
600 Aviation Research Boulevard  
Egg Harbor Township, NJ 08234

**Prepared By:**

LEW Environmental Services, LLC.  
181 US Hwy 46  
Mine Hill, NJ 07803  
Phone (908) 654-8068  
Fax (908) 654-8069  
Inspection Date: 06/06/24  
Order Number: 41053

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# Contact Information

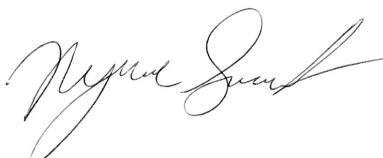
## Site

Street Address	24 Roosevelt Ave Unit B Northfield City, NJ 08225
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## Property Owner

Name	Atlantic County Improvement Authority
Street Address	600 Aviation Research Boulevard Egg Harbor Township, NJ 08234
Phone Number	609-343-2390

## Lead-Based Paint Risk Assesor

Name	Nyire Grant
Certification Number	021517
Instrumentation	Viken Pb200i/e
Signature	
Date	07/03/2024

## Firm

Organization:	LEW Environmental Services, LLC.
Certification #:	NJDCA 00015
Sreet:	181 US Hwy 46
City, State & Zip:	Mine Hill, NJ 07803
Phone Number:	908-654-8068
Web Address:	lewenvironmental.com



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## Executive Summary

For 24 Roosevelt Ave Unit B  
Northfield City, NJ 08225  
07/03/2024

On 06/06/24, Nyire Grant of LEW Environmental Services, LLC (NJDCA 00015 E) performed a lead-based paint inspection at 24 Roosevelt Ave Unit B . The lead-based paint inspection sampling protocol that was applied follows “Inspections in Single-Family Housing” Chapter 7 of the HUD Guidelines (2012 revision) and the protocol as referenced in USEPA 40 CFR Part 745.227(b). See Appendix B Lead Paint Inspection Report for the complete set of X-Ray Fluorescence data.

The tables below indicate the location of the lead-based paint found. Each positive reading applies to all similar components in the same room equivalent (room, hall, stairwell, building exterior, etc.) For a lead-based paint free certification, the lead must be stripped or the leaded component replaced and confirmation achieved. Enclosure and encapsulation are not acceptable methods for a lead-based paint free certification. If no lead-based paint was identified, the table will list “None” and the dwelling unit is considered lead-based paint free.

## Components With Lead Based Paint

Room Equivalent	Component	Substrate	Value( mg/cm <sup>2</sup> )
Office	Door Casing	Wood	1.8
Office	Door Casing	Wood	1.4
Office	Archway	Wood	9.5
Living Room	Window Casing	Wood	2.3
Bedroom 1	Closet Door Jamb	Wood	1.1
Bathroom	Closet Door	Wood	1

EPA 40 CFR 745.227(h) states lead-based paint is present on any surface that is tested and found to contain lead equal to or in excess of 1.0 milligrams per square centimeter or equal to or in excess of 0.5% by weight. Local thresholds may be lower than this Federal standard.

## **Regulatory Requirements**

### ***Required Disclosure***

A summary of this lead-based paint evaluation report must be provided to new lessees (tenants). A complete copy of this report must be provided to purchasers and owners of this property and it must be made available to new tenants under federal law (24 CFR PART 35 AND 40 CFR PART 745) before they become obligated under a lease or sales contract. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards.”

Should the recipient of this report receive federal subsidy they are responsible to comply with all requirements of 24 CFR Part 35 Requirements for the Notification, Evaluation and Reduction of Lead-Based Paint Hazards in Federally Owned Residential Property and Housing Receiving Federal Assistance; Final Rule which, are applicable to the type of program they are participating in and the dollar amount of subsidy being received. If this property or any of its tenants receives financial federal assistance, the results of the evaluation or hazard reduction activities must be provided by the designated party (client) to the owner of the referenced property and the occupants within 15 calendar days of the date when the designated party receives this report, or makes the presumption that lead-based paint hazards do exist.

### ***Required Training for Workers***

Should the lead-based paint and lead hazard reduction activities be part of a program which receives federal subsidy or a New Jersey multifamily building, all persons performing “Interim Controls” or “Standard Treatments” must be trained in accordance with 29 CFR 1926.59 and be supervised by an individual who successfully completed one of the following courses:

1. A lead-based paint abatement supervisors course accredited in accordance with 40 CFR 745.225
2. A lead-based paint abatement worker course accredited in accordance with 40 CFR 745.225
3. The lead-based paint Maintenance Training Program, “Work Smart, Work Wet, and Work Clean to Work Lead Safe”, prepared by the National Environmental Training Association for EPA and HUD
4. “The Remodeler’s and Renovator’s Lead-Based Paint Training Program,” prepared by HUD and the National Association of the Remodeling Industry
5. Another course approved by HUD for this purpose after consultation with EPA.

In accordance with Section 35.1340 all Lead-Based Paint and Lead Hazard reduction activities, which are not exempt (see regulations) require Lead Dust Wipe Clearance testing by a 1) certified lead inspector, 2) certified risk assessor or 3) a dust wipe sampling technician whose work is reviewed by a certified risk assessor.

If a renovation at the property is to occur, all work should comply with 40 CFR 745 Subpart E- Residential Property Renovation.

### **Controlling Lead-Based Paint**

There are different options available for controlling lead-based paint. Each option has its own associated costs and benefits both short and long term. In most cases, a combination of the options can be implemented to reduce the possibility of lead contamination. LEW Environmental Services,

LLC. strongly suggests that each option is thoroughly contemplated before beginning any activity.

Components that are found to be positive for lead-based paint should be checked for deterioration. Lead-based paint in deteriorated condition is considered a paint-lead hazard. Those components should be address as soon as possible using lead safe work practices at a minimum. However, if any components are found to test positive for lead based paint, they should be considered for future component removal or paint stripping.

### ***Abatement for Lead-Based Paint Free Certification***

#### **Component Removal**

Component removal is a permanent solution to the issue of potential exposure of lead. It requires taking the old lead-based painted component out and replacing it with a new non-lead painted component. The cost associated with this option depends mostly on the cost of the replacement component. Since labor is most often the more costly aspect of controlling lead issues, many owners choose component removal over more labor intensive methods. Components often chosen for removal are wood trim, windows, most doors, and exterior railings. Plaster and drywall ceilings and walls, fire rated doors, and wood porch components should also be considered.

#### **Paint Stripping**

Paint stripping is a permanent solution to the issue of potential exposure of lead. The paint can be removed either in-place or by an off-site processing facility. In-place removal can be mechanical or chemical. In-place paint stripping has the issue of proper disposal of the hazardous waste generated.

Mechanical stripping scrapes the paint off the substrate. Most times dry scraping is prohibited, but sanding or scraping can be done in conjunction with engineering controls to reduce airborne and settled lead dust. Power tools used to remove the paint must be equipped with a HEPA filtered shroud. Wetting a surface and hand scraping is also permitted. The components most often chosen for hand scraping are window and door jambs. Power tools are better equipped to handle lager surface areas.

Chemical stripping in-place uses strong chemicals to soften the paint for easier removal from the substrate. The chemicals are either very acidic or very basic, so proper training and protection for the worker is imperative. Generally, the chemicals must remain in- place overnight, so maintaining a secure worksite separate from occupants is mandatory.

Off site facilities use much stronger chemicals to remove the lead-based paint from the component. Components often chosen for off-site paint removal are intricate metal pieces. Sometimes this method is used for intricate wood work, but the stronger chemicals soften the wood and can drive lead into the wood while removing the paint.

#### **Procedures & Methodology**

##### ***Location Conventions***

When reviewing Appendix A "Floor Plan" and Appendix B "Lead-Based Paint Evaluation Report", you will notice that the letters A, B, C, and D or the numbers 1, 2, 3 and 4 are used to identify the location of specific components. The key to correct orientation is the location of the "A" or "1" wall. The "B" or "2" wall, "C" or "3" wall, and "D" or "4" wall run clockwise from the "A" or "1" wall. The Lead-Based Paint Evaluation Report lists this information under the "Wall" column. The "Location"

column uses numbering of replicated components starting with "1" at left and continuing sequentially to right respectively to describe the location of the component while facing the wall identified.

### ***Paint Testing***

#### **X-Ray Fluorescence**

X-Ray Fluorescence (XRF) paint testing is performed to detect the presence of lead on painted surfaces. The XRF instrument is state-of-the-art equipment. XRF testing is usually the preferred method of testing, because it is non-destructive, quantitative and can be performed on the spot with acceptable accuracy. LEW Environmental Services, LLC. 's evaluators follow the manufacturer's suggested use and the Performance Characteristic Sheet of the XRF instrument being used. The results of the XRF testing are the basis for drawing conclusions and making recommendations in the report.

All LEW Environmental Services, LLC. 's evaluators follow 40 CFR 745 and the HUD Guidelines for testing lead using an XRF instrument. All federal, state and city regulations are followed when applicable. The evaluator will test one of each and every different type of testing combination (component) in each room being surveyed. Each XRF reading is assigned an exclusive sample reference number and a measurement that is stored in the instrument. Each sample reference number location is logged on the XRF instrument for future reference, testing location, and report generation. The above described testing format is followed unless otherwise not practical or if the evaluator's judgment decides to test in a different systematic approach.

It should be noted that detected lead levels below current levels still could create lead dust or lead-contaminated soil hazards if the paint is turned into dust by abrasion, scraping, or sanding leading to possible elevated blood lead levels. Lead poisoning is a cumulative affect. Should a child or an adult inhale or ingest sufficient quantities of low concentrations of leaded paint, dust, or soil, it will accumulate in the body's systems and could eventually cumulate to an elevated blood level of concern.

**Any untested building components should be considered lead-based paint until tested.**

#### **Calibration Check Readings**

In addition to the manufacturer's recommended warm up and quality control procedures, LEW Environmental Services, LLC. collects quality control readings as recommended in the HUD Guidelines. Quality control for XRF instrumentation instruments involves readings to check calibration.

For each XRF instrument, one set of XRF calibration check readings are recommended at least every four hours. The first is a set of three nominal-time or source decay corrected time XRF calibration check readings to be taken before the inspection begins for the day. The second occurs either after the day's inspection work has been completed, or at least every four hours, whichever occurs first. LEW Environmental Services, LLC. 's XRF calibration check readings are taken on the Standard Reference Material (SRM) paint film nearest to 1.0 mg/cm<sup>2</sup> within the National Institute of Standards and Technology (NIST) SRM Used or the XRF manufacturer's factory supplied SRM film. Three readings are collected on the SRM. The average of the three readings on the SRM must be within the acceptable plus and minus tolerances for proper calibration as detailed in the Performance Characteristic Sheet (PCS). All calibration checks are taken with the SRM film positioned at least several inches away from any potential source of lead.

Three readings are taken each time calibration check readings are made. The average of the readings are compared to the known value and if the average value is within the acceptable calibration check tolerance specified in the XRF Performance Characteristic Sheet the instrument is considered in control. If the average readings are not within the calibration check tolerance the instrument is not used until the instrument is brought back into control.







Company LEW Corporation  
 XRF Make Heuresis  
 Model Pb200i  
 Serial Num. 1830

Lead concentration units: mg/cm2

Total Readings: 45 Total Positives 6

Action Level 1

Mode Action Level

Analytic Mode Paint

**Actionables**

Job Id	Reading #	Concentration	Result	Calibration	RTA Present	Date	Time	User	Analytic Mode	Site Address	Area	Unit #	Room	Structure	Member	Substrate	Wall	Location
24B Roosevelt	18617	1.8	Positive	FALSE	FALSE	6/6/2024	3:22 PM	Nyire Edmonds-Grant	Paint	24B Roosevelt Ave, Northfield, NJ	Unit		Office	Door	Casing	Wood	B	1
24B Roosevelt	18626	1.4	Positive	FALSE	FALSE	6/6/2024	3:35 PM	Nyire Edmonds-Grant	Paint	24B Roosevelt Ave, Northfield, NJ	Unit		Office	Door	Casing	Wood	B	2
24B Roosevelt	18627	9.5	Positive	FALSE	FALSE	6/6/2024	3:37 PM	Nyire Edmonds-Grant	Paint	24B Roosevelt Ave, Northfield, NJ	Unit		Office	Archway		Wood	C	1
24B Roosevelt	18630	2.3	Positive	FALSE	FALSE	6/6/2024	3:40 PM	Nyire Edmonds-Grant	Paint	24B Roosevelt Ave, Northfield, NJ	Unit		Living Room	Window	Casing	Wood	B	1
24B Roosevelt	18647	1.1	Positive	FALSE	FALSE	6/6/2024	4:03 PM	Nyire Edmonds-Grant	Paint	24B Roosevelt Ave, Northfield, NJ	Unit		Bedroom 1	Closet	Door Jamb	Wood	A	1
24B Roosevelt	18654	1	Positive	FALSE	FALSE	6/6/2024	4:12 PM	Nyire Edmonds-Grant	Paint	24B Roosevelt Ave, Northfield, NJ	Unit		Bathroom	Closet	Door	Wood	C	1

# Floor Plan(s)



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