

# Lead-Based Paint Risk Assessment Report

**Performed On: November 13, 2023 at 8:30 AM**

**For site located at:**

1721 Geneva St  
Racine, WI 53402

**Date of Construction:**

1919

**Prepared For:**

Anthony Walesby, II  
Shelby Pate  
1721 Geneva St  
Racine, WI 53402  
(847) 863-1485



**Risk Assessment and Report Completed By:**

Ciara Rahn, LRA-223148, Sanitarian

**For:**

City of Racine Health Department  
Environmental Health Division  
730 Washington Avenue  
Racine, WI 53403  
(262) 636-9538  
DHS Lead Company #19440

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## 1.0 Description and Purpose of Report

This report is the result of an investigation to identify lead hazards in a dwelling where a child lives or spends time and has been found with an elevated blood lead level. Wisconsin law requires health departments to investigate all properties where a child with an elevated blood lead level lives or spends time. The investigation focused on surface coatings that were either deteriorated, damaged, friction or impact surfaces, surfaces with evidence of chewing and areas of bare soil. Results from this assessment form the basis for the Lead Hazard Control Recommendations in this report. Detailed instructions describing the work required to address the hazards are located in Section 8.0 Lead Hazard Control Recommendations in this report.

## 2.0 Disclosure Responsibility

A copy of this summary must be provided to new lessees (tenants) and purchasers of this property under federal law Title X Section 1018 before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet 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.

## 3.0 Disclaimer

This report is composed of a visual survey and samples of the readily accessible areas of this building and tested components. The presence or absence of lead-based paint or lead-based paint hazards applies only to tested or assessed surfaces on the date of the field visit. Because conditions may change, ongoing monitoring by the owner is necessary.

This document is provided for informational purposes only. The information contained in this document and these references represents the current view of the risk assessor on the issues discussed as of the date of publication. Information provided in this document is provided "as is" without warranty of any kind, either expressed or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, and freedom from infringement. The user assumes the entire risk as to the accuracy and the use of this document. It is recommended to conduct a new assessment if it is more than 12 months from the assessment date in this report.

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Please review this report fully; including any REMARKS printed on each page, and call the risk assessor for an explanation of any aspect of this report, written or printed, that you do not fully understand.

## 4.0 Background Information

**4.1 Physical Characteristics:** The property is a two-story home built in 1919 with an unfinished basement and a garage located behind the home. Neighboring properties on all sides are residential, with commercial properties located along a major thoroughfare within one block to the south and west of the home. The unit was occupied at the time of the assessment, including at least one child under the age of six.

All rooms within the home were assessed. The surrounding yard and exterior of the garage were included. No previous lead-based paint inspections or risk assessments of this property were known to exist at the time of this assessment.

**4.2 Areas Not Accessible During the Assessment:** All rooms within the home were assessed. However, the interior of the garage and the second floor rear balcony accessible through Bedroom C (second floor east bedroom) could not be accessed or assessed at the time of this assessment. Lead hazards may be present in

these areas. Children under the age of six should not enter these areas until they have been assessed by a certified risk assessor or hazard investigator.

**4.3 Occupant Use Patterns:** The assessor completed Housing and Urban Development (HUD) Questionnaire 16.1 with the occupants to help determine use patterns, cleaning habits, play areas, hobbies involving any form of lead, or other potential sources of lead that could be brought into the dwelling, or expose a young child to sources of lead outside the dwelling. The windows in the home are rarely opened, but air conditioning units were noted in multiple windows throughout the home at the time of the assessment. The front entrance through the front porch is primarily used for access to the home. Children in the home spend most of their time in first floor common spaces of the dwelling, as well as in Bedroom A (second floor west bedroom). Outside, play equipment was noted on the paved driveway to the west of the garage.

**4.4 Building Maintenance and Renovations:** No recent renovations or remodeling have occurred in the home, however some repairs and repainting were completed prior to May of 2022. Occupant damage and wear and tear resulting in deterioration of paint to components throughout the home has occurred since that time.

## 5.0 Visual Inspection

### 5.1 Visual Assessment

As part of this assessment, a visual inspection of the property and structure was conducted to identify potential lead hazards from deteriorated surface coatings, friction and impact surfaces, surfaces that show evidence of chewing, and areas of bare soil. Building components were surveyed for any possible underlying cause of the deterioration.

| Building Component                                                                                                                                                                                                                                                                                                                                                    | Paint Condition (Deteriorated, Intact, NA) | Deteriorated Due to Friction/Impact | Deterioration Due to Moisture | Specific Notes/ Component with Visible Bite Marks |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------|-------------------------------|---------------------------------------------------|
| Building siding                                                                                                                                                                                                                                                                                                                                                       | Deteriorated                               | No                                  | Yes                           | Side A intact                                     |
| Exterior trim                                                                                                                                                                                                                                                                                                                                                         | Deteriorated                               | No                                  | Yes                           |                                                   |
| Exterior windows                                                                                                                                                                                                                                                                                                                                                      | Deteriorated                               | Yes                                 | Yes                           |                                                   |
| Exterior doors                                                                                                                                                                                                                                                                                                                                                        | Deteriorated                               | No                                  | Yes                           | Garage door side B                                |
| Railings                                                                                                                                                                                                                                                                                                                                                              | Deteriorated                               | Yes                                 | Yes                           |                                                   |
| Other porch surfaces                                                                                                                                                                                                                                                                                                                                                  | Deteriorated                               | Yes                                 | Yes                           | Enclosed porch                                    |
| Interior doors                                                                                                                                                                                                                                                                                                                                                        | Deteriorated                               | Yes                                 | No                            |                                                   |
| Ceilings                                                                                                                                                                                                                                                                                                                                                              | Deteriorated                               | No                                  | No                            | Bedroom D Closet                                  |
| Walls                                                                                                                                                                                                                                                                                                                                                                 | Deteriorated                               | Yes                                 | No                            |                                                   |
| Interior Windows                                                                                                                                                                                                                                                                                                                                                      | Deteriorated                               | Yes                                 | No                            |                                                   |
| Interior floors                                                                                                                                                                                                                                                                                                                                                       | Deteriorated                               | Yes                                 | No                            | Kitchen                                           |
| Interior trim                                                                                                                                                                                                                                                                                                                                                         | Deteriorated                               | Yes                                 | No                            |                                                   |
| Stairways                                                                                                                                                                                                                                                                                                                                                             | Deteriorated                               | Yes                                 | No                            |                                                   |
| Radiator                                                                                                                                                                                                                                                                                                                                                              | NA                                         | NA                                  | NA                            |                                                   |
| Bathroom cabinets                                                                                                                                                                                                                                                                                                                                                     | Intact                                     | NA                                  | NA                            |                                                   |
| Other:                                                                                                                                                                                                                                                                                                                                                                |                                            |                                     |                               |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                     |                               |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                     |                               |                                                   |
| If the overall condition of a component is similar throughout a dwelling, those conditions should be recorded. If a component in some locations is in a deteriorated condition, but the overall condition is intact, the specific sites of the badly deteriorated paint should be noted. The specific locations of any components with bite marks should be recorded. |                                            |                                     |                               |                                                   |

## 5.2 Building Condition

In addition to a visual assessment, building conditions were identified that may contribute to the deterioration of coated surfaces.

### Building Condition for Lead Hazard Risk Assessment

| Condition                                                                                                                    | Yes | No | Comments                                  |
|------------------------------------------------------------------------------------------------------------------------------|-----|----|-------------------------------------------|
| Roof missing parts of surfaces (tiles, boards, shakes, etc.)                                                                 |     | X  |                                           |
| Roof has holes or large cracks                                                                                               |     | X  |                                           |
| Gutters or downspouts broken                                                                                                 |     | X  |                                           |
| Chimney masonry cracked, bricks loose or missing, obviously out of plumb                                                     |     | X  |                                           |
| Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting | X   |    |                                           |
| Exterior siding has missing boards or shingles                                                                               |     | X  |                                           |
| Water stains on interior walls or ceilings                                                                                   |     | X  |                                           |
| Walls or ceilings deteriorated                                                                                               | X   |    |                                           |
| More than very small* amount of paint in a room deteriorated                                                                 | X   |    |                                           |
| Two or more windows or doors broken, missing, or boarded up                                                                  | X   |    | Windows with broken glass throughout home |
| Porch or steps have major elements broken, missing, or boarded up                                                            |     | X  |                                           |
| Foundation has major cracks, missing material, structure leans, or visibly unsound                                           |     | X  |                                           |
| ** Total number                                                                                                              | 4   | 8  |                                           |

\* The very small amount is the *de minimis* amount under the HUD Lead-safe Housing Rule (24 CFR 35.1350(d)), or the amount of paint that is not "paint in poor condition" under the EPA lead training and certification ("402") rule (40 CFR 745.223).

\*\* If the "Yes" column has any checks, the dwelling is usually considered not to be in good condition for the purposes of a risk assessment and conducting a lead hazard screen is not advisable. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling and the appropriateness of a lead hazard screen. If the "Yes" column has any checks, and a lead hazard screen is to be performed, describe below the extenuating circumstances that justify conducting a lead hazard screen.

**Notes (including other conditions of concern):** NA

## 6.0 Assessment Findings

### 6.1 Condition Assessment and XRF Readings

Lead in paint, varnish, shellac, or other surface coatings can be identified by laboratory analysis of paint chips or by direct readings using an XRF instrument. In this assessment a SciAps Model X550Pb Analyzer x-ray fluorescence instrument, serial number 01254 was used to test all deteriorated surfaces. The instrument determines lead measured in milligrams per square centimeter (mg/cm<sup>2</sup>) of the coating on the tested component. In Wisconsin any applied coating that is greater than 0.5 percent lead by weight in the dried film, or equal to or greater than 1 milligram of lead per square centimeter (mg/cm<sup>2</sup>) in the dried film is defined as lead-bearing.

The risk assessor followed manufacturer's guidelines for operation of the instrument. The instrument's calibration was checked before and after the assessment using a known quantity of lead on test films supplied by the National Institute for Standards and Technology (NIST) and found the instrument to be working within the manufacturer's specifications.

| Calibration Verification |                                                                                                                         |                                   |           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------|
| Reason                   | Standard                                                                                                                | XRF Reading (mg/cm <sup>2</sup> ) | Pass/Fail |
| Pre-Verification         | NIST Lead Paint Film Standard, 1 <b>mg/cm<sup>2</sup></b><br>(Calibration Check Limits: 0.8 to 1.2 mg/cm <sup>2</sup> ) | 1.10                              | Pass      |
| Pre-Verification         | NIST Lead Paint Film Standard, 1 <b>mg/cm<sup>2</sup></b><br>(Calibration Check Limits: 0.8 to 1.2 mg/cm <sup>2</sup> ) | 1.03                              | Pass      |
| Pre-Verification         | NIST Lead Paint Film Standard, 1 <b>mg/cm<sup>2</sup></b><br>(Calibration Check Limits: 0.8 to 1.2 mg/cm <sup>2</sup> ) | 1.12                              | Pass      |
| Post-Verification        | NIST Lead Paint Film Standard, 1 <b>mg/cm<sup>2</sup></b><br>(Calibration Check Limits: 0.8 to 1.2 mg/cm <sup>2</sup> ) | 0.99                              | Pass      |
| Post-Verification        | NIST Lead Paint Film Standard, 1 <b>mg/cm<sup>2</sup></b><br>(Calibration Check Limits: 0.8 to 1.2 mg/cm <sup>2</sup> ) | 1.00                              | Pass      |
| Post-Verification        | NIST Lead Paint Film Standard, 1 <b>mg/cm<sup>2</sup></b><br>(Calibration Check Limits: 0.8 to 1.2 mg/cm <sup>2</sup> ) | 0.97                              | Pass      |

| Room: Basement    |           |      |              |       |        |          |      |
|-------------------|-----------|------|--------------|-------|--------|----------|------|
| Component         | Substrate | Side | Condition    | Color | Floor  | Results  | PbC  |
| Door Casing       | Wood      | C    | Deteriorated | Brown | Ground | Negative | 0.06 |
| Stair Tread/Floor | Wood      | C    | Deteriorated | Gray  | Ground | Negative | 0.01 |
| Stair Tread       | Wood      | C    | Deteriorated | Gray  | Ground | Negative | 0.02 |
| Stair Riser       | Wood      | C    | Deteriorated | Gray  | Ground | Negative | 0    |
| Stair Stringer    | Wood      | C    | Deteriorated | Gray  | Ground | Negative | 0.02 |
| Handrail          | Wood      | C    | Deteriorated | Gray  | Ground | Negative | 0.01 |
| Wall              | Brick     | B    | Deteriorated | White | Ground | Negative | 0    |
| Wall              | Brick     | A    | Deteriorated | White | Ground | Negative | 0    |
| Wall-Room         | Brick     | A    | Deteriorated | White | Ground | Negative | 0    |
| Wall-Room         | Brick     | B    | Deteriorated | White | Ground | Negative | 0    |
| Wall              | Brick     | D    | Deteriorated | White | Ground | Negative | 0    |
| Window Sash Int   | Wood      | B3   | Deteriorated | Gray  | Ground | Positive | 4.3  |
| Window Casing     | Wood      | B3   | Deteriorated | White | Ground | Positive | 0.96 |
| Window Casing     | Wood      | B2   | Deteriorated | White | Ground | Positive | 1.02 |
| Window Sash Int   | Wood      | B2   | Deteriorated | Gray  | Ground | Positive | 3.69 |
| Window Sash Int   | Wood      | B1   | Deteriorated | Gray  | Ground | Positive | 4.58 |
| Window Casing     | Wood      | B1   | Deteriorated | White | Ground | Positive | 2.57 |
| Window Casing     | Wood      | D1   | Deteriorated | White | Ground | Positive | 1.3  |

|                 |          |        |              |       |        |          |      |
|-----------------|----------|--------|--------------|-------|--------|----------|------|
| Window Sash Int | Wood     | D1     | Deteriorated | White | Ground | Positive | 3.71 |
| Window Sash Int | Wood     | D2     | Deteriorated | White | Ground | Positive | 3.8  |
| Window Casing   | Wood     | D2     | Deteriorated | White | Ground | Positive | 2.99 |
| Floor           | Concrete | D2     | Deteriorated | Brown | Ground | Negative | 0.01 |
| Column 1        | Brick    | Center | Deteriorated | White | Ground | Negative | 0    |
| Column 2        | Brick    | Center | Deteriorated | White | Ground | Negative | 0    |
| Pipe 2          | Metal    | Center | Deteriorated | White | Ground | Negative | 0.03 |
| Pipe 1          | Metal    | Center | Deteriorated | White | Ground | Negative | 0.05 |
| Door Jamb       | Wood     | A      | Deteriorated | White | Ground | Positive | 3.25 |
| Door Threshold  | Wood     | A      | Deteriorated | White | Ground | Negative | 0.02 |
| Window Sash Int | Wood     | D3     | Deteriorated | White | Ground | UTT      | UTT  |
| Window Casing   | Wood     | D3     | Deteriorated | White | Ground | UTT      | UTT  |

**Notes:** Side C wall intact concrete block. Unable to access basement window D3 for testing.

| Room: Back Entry |           |      |              |       |        |          |      |
|------------------|-----------|------|--------------|-------|--------|----------|------|
| Component        | Substrate | Side | Condition    | Color | Floor  | Results  | PbC  |
| Wall             | Wood      | A    | Deteriorated | Beige | Ground | Positive | 3.11 |
| Door Casing      | Wood      | A    | Deteriorated | Beige | Ground | Negative | 0.11 |
| Door Stop        | Wood      | A    | Deteriorated | Beige | Ground | Negative | 0.18 |
| Door Stop        | Wood      | C    | Deteriorated | White | Ground | Positive | 7.11 |
| Door Jamb        | Wood      | C    | Deteriorated | White | Ground | Negative | 0.03 |
| Door Casing      | Wood      | C    | Deteriorated | White | Ground | Positive | 5.02 |
| Door             | Wood      | C    | Deteriorated | Gray  | Ground | Positive | 2.73 |
| Door Casing      | Wood      | C    | Deteriorated | Beige | Ground | Negative | 0.12 |
| Wall             | Wood      | C    | Deteriorated | Beige | Ground | Positive | 3.5  |
| Milkbox Casing   | Wood      | C    | Deteriorated | Beige | First  | Negative | 0.09 |
| Milkbox Door-Int | Wood      | C    | Deteriorated | Beige | First  | Positive | 1.86 |
| Door Jamb        | Wood      | D    | Deteriorated | Beige | First  | Negative | 0.12 |
| Door Stop        | Wood      | D    | Deteriorated | Beige | First  | Negative | 0.08 |
| Door             | Wood      | D    | Deteriorated | Beige | First  | Negative | 0.1  |

**Notes:** Milkbox door to interior broken, milkbox door tested above is located at back of opening.

| Room: Kitchen |           |          |              |         |       |          |      |
|---------------|-----------|----------|--------------|---------|-------|----------|------|
| Component     | Substrate | Side     | Condition    | Color   | Floor | Results  | PbC  |
| Door Jamb     | Wood      | B-Entry  | Deteriorated | White   | First | Negative | 0.07 |
| Door          | Wood      | B-Entry  | Deteriorated | White   | First | Negative | 0.08 |
| Door          | Wood      | B-Pantry | Deteriorated | White   | First | Negative | 0.03 |
| Door Stop     | Wood      | B-Pantry | Deteriorated | White   | First | Negative | 0.05 |
| Door Jamb     | Wood      | B-Pantry | Deteriorated | White   | First | Negative | 0.08 |
| Door Stop     | Wood      | B-Bath   | Deteriorated | White   | First | Negative | 0.15 |
| Door          | Wood      | B-Bath   | Deteriorated | White   | First | Negative | 0.07 |
| Door Stop     | Wood      | A        | Deteriorated | Varnish | First | Negative | 0.05 |
| Baseboard     | Wood      | A        | Deteriorated | White   | First | Negative | 0.12 |
| Baseboard     | Wood      | C        | Deteriorated | White   | First | Negative | 0.1  |
| Baseboard     | Wood      | D        | Deteriorated | White   | First | Negative | 0.08 |
| Floor         | Wood      | D        | Deteriorated | Natural | First | Negative | 0    |
| Floor         | Wood      | D        | Deteriorated | Varnish | First | Negative | 0    |

|                        |                |           |                     |              |              |                 |             |
|------------------------|----------------|-----------|---------------------|--------------|--------------|-----------------|-------------|
| <b>Wall</b>            | <b>Plaster</b> | <b>C</b>  | <b>Deteriorated</b> | <b>Beige</b> | <b>First</b> | <b>Positive</b> | <b>3.94</b> |
| Wall                   | Plaster        | D         | Deteriorated        | Beige        | First        | Negative        | 0           |
| Wall                   | Plaster        | B         | Deteriorated        | Beige        | First        | Negative        | 0           |
| Window Sill            | Wood           | C         | Deteriorated        | White        | First        | Negative        | 0.07        |
| Window Stop            | Wood           | C         | Deteriorated        | White        | First        | Negative        | 0.14        |
| <b>Window Sash Int</b> | <b>Wood</b>    | <b>C</b>  | <b>Deteriorated</b> | <b>White</b> | <b>First</b> | <b>Positive</b> | <b>7.84</b> |
| <b>Window Sash Int</b> | <b>Wood</b>    | <b>D2</b> | <b>Deteriorated</b> | <b>White</b> | <b>First</b> | <b>Positive</b> | <b>5.33</b> |
| Window Stop            | Wood           | D2        | Deteriorated        | White        | First        | Negative        | 0.19        |
| Window Stop            | Wood           | D1        | Deteriorated        | White        | First        | Negative        | 0.15        |
| <b>Window Sash Int</b> | <b>Wood</b>    | <b>D1</b> | <b>Deteriorated</b> | <b>White</b> | <b>First</b> | <b>Positive</b> | <b>9.26</b> |
| Window Sill            | Wood           | D1        | Deteriorated        | White        | First        | Negative        | 0.07        |
| Cabinet Door-LWR       | Wood           | A         | Deteriorated        | White        | First        | Negative        | 0           |
| Cabinet Casing-LWR     | Wood           | A         | Deteriorated        | White        | First        | Negative        | 0           |
| Cabinet Door-UPR       | Wood           | D         | Deteriorated        | White        | First        | Negative        | 0           |
| Cabinet Door-UPR       | Wood           | C         | Deteriorated        | White        | First        | Negative        | 0           |
| Cabinet Casing-UPR     | Wood           | C         | Deteriorated        | White        | First        | Negative        | 0           |

**Notes:** Kitchen floor had three types of flooring exposed at time of assessment, a wood plank subfloor under parquet floor tiles, with a top flooring of vinyl/composite boards.

### Room: Pantry

| Component          | Substrate   | Side     | Condition           | Color        | Floor        | Results    | PbC        |
|--------------------|-------------|----------|---------------------|--------------|--------------|------------|------------|
| Cabinet Door       | Wood        | C        | Deteriorated        | Beige        | First        | Negative   | 0.06       |
| Cabinet Drawer     | Wood        | C        | Deteriorated        | Beige        | First        | Negative   | 0.08       |
| Cabinet Casing     | Wood        | C        | Deteriorated        | Beige        | First        | Negative   | 0          |
| Cabinet Shelf      | Wood        | C        | Deteriorated        | Beige        | First        | Negative   | 0.11       |
| Door               | Wood        | D        | Deteriorated        | Beige        | First        | Negative   | 0.1        |
| Door Jamb          | Wood        | D        | Deteriorated        | Beige        | First        | Negative   | 0.1        |
| <b>Window Sash</b> | <b>Wood</b> | <b>B</b> | <b>Deteriorated</b> | <b>White</b> | <b>First</b> | <b>UTT</b> | <b>UTT</b> |

**Notes:** Unable to access window on side B (north side). A built-in storage space adjacent to the window also could not be accessed or assessed at time of assessment.

### Room: Lower Bathroom

| Component        | Substrate   | Side     | Condition           | Color        | Floor        | Results         | PbC         |
|------------------|-------------|----------|---------------------|--------------|--------------|-----------------|-------------|
| <b>Door Jamb</b> | <b>Wood</b> | <b>D</b> | <b>Deteriorated</b> | <b>White</b> | <b>First</b> | <b>Positive</b> | <b>3.36</b> |
| Door             | Wood        | D        | Deteriorated        | White        | First        | Negative        | 0.03        |
| Wall             | Drywall     | A        | Deteriorated        | Beige        | First        | Negative        | 0           |

**Notes:** Window replacement glass block. No tub, only walk in shower

### Room: Dining Room

| Component   | Substrate      | Side     | Condition           | Color        | Floor        | Results         | PbC         |
|-------------|----------------|----------|---------------------|--------------|--------------|-----------------|-------------|
| <b>Wall</b> | <b>Plaster</b> | <b>B</b> | <b>Deteriorated</b> | <b>Beige</b> | <b>First</b> | <b>Positive</b> | <b>2.66</b> |
| Wall        | Drywall        | C        | Deteriorated        | Beige        | First        | Negative        | 0           |
| <b>Wall</b> | <b>Plaster</b> | <b>A</b> | <b>Deteriorated</b> | <b>Beige</b> | <b>First</b> | <b>Positive</b> | <b>2.64</b> |
| Door        | Wood           | A        | Deteriorated        | Varnish      | First        | Negative        | 0.06        |
| Door Casing | Wood           | A        | Deteriorated        | Varnish      | First        | Negative        | 0.07        |
| Door Casing | Wood           | B        | Deteriorated        | Varnish      | First        | Negative        | 0.02        |
| Door Stop   | Wood           | B        | Deteriorated        | Varnish      | First        | Negative        | 0.03        |
| Door        | Wood           | B        | Deteriorated        | Varnish      | First        | Negative        | 0.05        |

|                        |             |           |                     |                |              |                 |             |
|------------------------|-------------|-----------|---------------------|----------------|--------------|-----------------|-------------|
| Door Casing            | Wood        | C         | Deteriorated        | Varnish        | First        | Negative        | 0.05        |
| Window Sill            | Wood        | D         | Deteriorated        | Varnish        | First        | Negative        | 0.12        |
| Window Stop            | Wood        | D1        | Deteriorated        | Varnish        | First        | Negative        | 0.1         |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>D1</b> | <b>Deteriorated</b> | <b>Varnish</b> | <b>First</b> | <b>Positive</b> | <b>8.72</b> |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>D2</b> | <b>Deteriorated</b> | <b>Varnish</b> | <b>First</b> | <b>Positive</b> | <b>7.94</b> |
| Window Stop            | Wood        | D2        | Deteriorated        | Varnish        | First        | Negative        | 0.07        |
| Window Stop            | Wood        | D3        | Deteriorated        | Varnish        | First        | Negative        | 0.09        |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>D3</b> | <b>Deteriorated</b> | <b>Varnish</b> | <b>First</b> | <b>Positive</b> | <b>7.62</b> |
| Window Casing          | Wood        | D         | Deteriorated        | Varnish        | First        | Negative        | 0.08        |
| Baseboard              | Wood        | B         | Deteriorated        | Varnish        | First        | Negative        | 0.04        |

### Room: Living Room

| Component              | Substrate   | Side      | Condition           | Color          | Floor        | Results         | PbC         |
|------------------------|-------------|-----------|---------------------|----------------|--------------|-----------------|-------------|
| Door                   | Wood        | A         | Deteriorated        | Varnish        | First        | Negative        | 0.03        |
| Door Casing            | Wood        | A         | Deteriorated        | Varnish        | First        | Negative        | 0.04        |
| Door Jamb              | Wood        | A         | Deteriorated        | Varnish        | First        | Negative        | 0.03        |
| <b>Door Stop</b>       | <b>Wood</b> | <b>A</b>  | <b>Deteriorated</b> | <b>White</b>   | <b>First</b> | <b>Positive</b> | <b>9.76</b> |
| <b>Door Threshold</b>  | <b>Wood</b> | <b>A</b>  | <b>Deteriorated</b> | <b>Gray</b>    | <b>First</b> | <b>Positive</b> | <b>2.57</b> |
| Window Sill            | Wood        | A         | Deteriorated        | Varnish        | First        | Negative        | 0.1         |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>A1</b> | <b>Deteriorated</b> | <b>Varnish</b> | <b>First</b> | <b>Positive</b> | <b>7.13</b> |
| Window Stop            | Wood        | A1        | Deteriorated        | Varnish        | First        | Negative        | 0.06        |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>A2</b> | <b>Deteriorated</b> | <b>Varnish</b> | <b>First</b> | <b>Positive</b> | <b>3.89</b> |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>A3</b> | <b>Deteriorated</b> | <b>Varnish</b> | <b>First</b> | <b>Positive</b> | <b>6.9</b>  |
| Window Casing          | Wood        | D         | Deteriorated        | Varnish        | First        | Negative        | 0.08        |
| Window Sill            | Wood        | D         | Deteriorated        | Varnish        | First        | Negative        | 0.07        |
| Door                   | Wood        | C         | Deteriorated        | Varnish        | First        | Negative        | 0.08        |
| Door Stop              | Wood        | C         | Deteriorated        | Varnish        | First        | Negative        | 0.05        |
| Door Jamb              | Wood        | C         | Deteriorated        | Varnish        | First        | Negative        | 0.06        |
| Wall                   | Wood        | B         | Deteriorated        | Beige          | First        | Negative        | 0           |

**Notes:** Side D window replacement vinyl.

### Room: Front Stairs

| Component      | Substrate | Side | Condition    | Color   | Floor | Results  | PbC  |
|----------------|-----------|------|--------------|---------|-------|----------|------|
| Window Sill    | Wood      | A    | Deteriorated | Varnish | First | Negative | 0.06 |
| Newell Post    | Wood      | D    | Deteriorated | Varnish | First | Negative | 0.04 |
| Stair Stringer | Wood      | D    | Deteriorated | Varnish | First | Negative | 0.06 |
| Stair Stringer | Wood      | B    | Deteriorated | Varnish | First | Negative | 0.06 |
| Handrail       | Wood      | D    | Deteriorated | Varnish | First | Negative | 0.06 |

**Notes:** Side A window replacement vinyl.

### Room: Hallway

| Component              | Substrate   | Side     | Condition           | Color        | Floor         | Results         | PbC         |
|------------------------|-------------|----------|---------------------|--------------|---------------|-----------------|-------------|
| Window Sill            | Wood        | B        | Deteriorated        | White        | Second        | Negative        | 0.08        |
| Window Casing          | Wood        | B        | Deteriorated        | White        | Second        | Negative        | 0.08        |
| Window Stop            | Wood        | B        | Deteriorated        | White        | Second        | Negative        | 0.14        |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>B</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>3.89</b> |
| Baseboard              | Wood        | A        | Deteriorated        | White        | Second        | Negative        | 0.09        |

|                  |             |                |                     |              |               |                 |             |
|------------------|-------------|----------------|---------------------|--------------|---------------|-----------------|-------------|
| Baseboard        | Wood        | C              | Deteriorated        | White        | Second        | Negative        | 0.06        |
| <b>Baseboard</b> | <b>Wood</b> | <b>D</b>       | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>5.08</b> |
| Door             | Wood        | A              | Deteriorated        | White        | Second        | Negative        | 0.03        |
| <b>Door Stop</b> | <b>Wood</b> | <b>A</b>       | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>6.34</b> |
| <i>Door Stop</i> | <i>Wood</i> | <i>D-Bed B</i> | <i>Intact</i>       | <i>White</i> | <i>Second</i> | <i>Positive</i> | <i>5.15</i> |
| Door             | Wood        | D-Bed D        | Deteriorated        | White        | Second        | Negative        | 0           |
| Door             | Wood        | D-CI           | Deteriorated        | White        | Second        | Negative        | 0.05        |
| <i>Door Stop</i> | <i>Wood</i> | <i>D-CI</i>    | <i>Intact</i>       | <i>White</i> | <i>Second</i> | <i>Positive</i> | <i>6.4</i>  |
| <b>Door Jamb</b> | <b>Wood</b> | <b>D-CI</b>    | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>6.65</b> |
| Door             | Wood        | C              | Deteriorated        | White        | Second        | Negative        | 0.05        |
| <b>Door Stop</b> | <b>Wood</b> | <b>C</b>       | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.45</b> |
| Door Stop        | Wood        | B-Bath         | Intact              | White        | Second        | Negative        | 0           |
| Door             | Wood        | B-Bath         | Intact              | White        | Second        | Negative        | 0           |
| Door             | Wood        | B-Bed B        | Intact              | White        | Second        | Negative        | 0           |
| <i>Door Stop</i> | <i>Wood</i> | <i>B-Bed B</i> | <i>Intact</i>       | <i>White</i> | <i>Second</i> | <i>Positive</i> | <i>5.43</i> |

**Notes:** Painted surfaces are generally intact but have impact and friction damage.

### Room: Hallway Closet

| Component             | Substrate   | Side     | Condition           | Color        | Floor         | Results         | PbC         |
|-----------------------|-------------|----------|---------------------|--------------|---------------|-----------------|-------------|
| Door                  | Wood        | B        | Deteriorated        | White        | Second        | Negative        | 0.05        |
| <b>Closet Bracket</b> | <b>Wood</b> | <b>A</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>7.02</b> |
| <b>Closet Bracket</b> | <b>Wood</b> | <b>C</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>7.23</b> |

### Room: Bedroom D

| Component                  | Substrate      | Side      | Condition           | Color        | Floor         | Results         | PbC         |
|----------------------------|----------------|-----------|---------------------|--------------|---------------|-----------------|-------------|
| <b>Window Sill</b>         | <b>Wood</b>    | <b>D</b>  | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>3.65</b> |
| <b>Window Stop</b>         | <b>Wood</b>    | <b>D1</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>3.18</b> |
| Window Sash Int-LWR        | Wood           | D1        | Deteriorated        | White        | Second        | Negative        | 0.16        |
| <b>Window Sash Int-UPR</b> | <b>Wood</b>    | <b>D1</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>2.64</b> |
| <b>Window Sash Int</b>     | <b>Wood</b>    | <b>D2</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>3.65</b> |
| <b>Window Stop</b>         | <b>Wood</b>    | <b>D2</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>2.96</b> |
| Door                       | Wood           | C         | Deteriorated        | White        | Second        | Negative        | 0           |
| <i>Door Stop</i>           | <i>Wood</i>    | <i>C</i>  | <i>Intact</i>       | <i>White</i> | <i>Second</i> | <i>Positive</i> | <i>3.95</i> |
| <i>Door Jamb</i>           | <i>Wood</i>    | <i>B</i>  | <i>Intact</i>       | <i>White</i> | <i>Second</i> | <i>Positive</i> | <i>1.5</i>  |
| Door                       | Wood           | B         | Intact              | White        | Second        | Negative        | 0           |
| <b>Wall</b>                | <b>Plaster</b> | <b>C</b>  | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>2.34</b> |
| <b>Window Casing</b>       | <b>Wood</b>    | <b>D</b>  | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>4.06</b> |

**Notes:** Painted surfaces are generally intact but have impact and friction damage.

### Room: Bedroom D Closet

| Component              | Substrate      | Side           | Condition           | Color        | Floor         | Results         | PbC         |
|------------------------|----------------|----------------|---------------------|--------------|---------------|-----------------|-------------|
| <b>Ceiling</b>         | <b>Plaster</b> | <b>Ceiling</b> | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>1.61</b> |
| <b>Door Jamb</b>       | <b>Wood</b>    | <b>A</b>       | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>5.67</b> |
| <b>Window Casing</b>   | <b>Wood</b>    | <b>D</b>       | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>5.57</b> |
| <b>Window Sash Int</b> | <b>Wood</b>    | <b>D</b>       | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>4.12</b> |
| <b>Window Stop</b>     | <b>Wood</b>    | <b>D</b>       | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>2.06</b> |
| <b>Window Sill</b>     | <b>Wood</b>    | <b>D</b>       | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>3.22</b> |

| Room: Bedroom B        |             |          |                     |              |               |                 |             |
|------------------------|-------------|----------|---------------------|--------------|---------------|-----------------|-------------|
| Component              | Substrate   | Side     | Condition           | Color        | Floor         | Results         | PbC         |
| <b>Door Jamb</b>       | <b>Wood</b> | <b>D</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.91</b> |
| Door                   | Wood        | D        | Intact              | White        | Second        | Negative        | 0           |
| <b>Window Sill</b>     | <b>Wood</b> | <b>B</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>0.97</b> |
| <b>Window Casing</b>   | <b>Wood</b> | <b>B</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.38</b> |
| <b>Window Stop</b>     | <b>Wood</b> | <b>B</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.14</b> |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>B</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>1.06</b> |

**Notes:** Painted surfaces are generally intact but have impact and friction damage.

| Room: Bedroom A            |             |           |                     |              |               |                 |             |
|----------------------------|-------------|-----------|---------------------|--------------|---------------|-----------------|-------------|
| Component                  | Substrate   | Side      | Condition           | Color        | Floor         | Results         | PbC         |
| Window Sill                | Wood        | A         | Deteriorated        | White        | Second        | Negative        | 0.88        |
| <b>Window Sash Int</b>     | <b>Wood</b> | <b>A1</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.59</b> |
| <b>Window Stop</b>         | <b>Wood</b> | <b>A1</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.48</b> |
| <b>Window Stop</b>         | <b>Wood</b> | <b>A2</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>3.96</b> |
| <b>Window Sash Int</b>     | <b>Wood</b> | <b>A2</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>1.59</b> |
| Window Sash Int-LWR        | Wood        | A3        | Deteriorated        | White        | Second        | Negative        | 0.03        |
| <b>Window Sash Int-UPR</b> | <b>Wood</b> | <b>A3</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>2.63</b> |
| <b>Window Stop</b>         | <b>Wood</b> | <b>A3</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.25</b> |
| Crib                       | Wood        | A3        | Deteriorated        | White        | Second        | Negative        | 0           |
| Door                       | Wood        | C         | Deteriorated        | White        | Second        | Negative        | 0.05        |
| <i>Door Jamb</i>           | <i>Wood</i> | <i>C</i>  | <i>Intact</i>       | <i>White</i> | <i>Second</i> | <i>Positive</i> | <i>5</i>    |
| Door                       | Wood        | D         | Intact              | White        | Second        | Negative        | 0           |
| <b>Door Stop</b>           | <b>Wood</b> | <b>D</b>  | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>5.32</b> |
| <b>Door Jamb</b>           | <b>Wood</b> | <b>D</b>  | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>5.81</b> |
| <b>Door Casing</b>         | <b>Wood</b> | <b>D</b>  | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>5.76</b> |

**Notes:** Painted surfaces are generally intact but have impact and friction damage.

| Room: Bedroom A Closet |             |          |                     |              |               |                 |             |
|------------------------|-------------|----------|---------------------|--------------|---------------|-----------------|-------------|
| Component              | Substrate   | Side     | Condition           | Color        | Floor         | Results         | PbC         |
| <b>Door Jamb</b>       | <b>Wood</b> | <b>B</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>6.54</b> |
| Window Sill            | Wood        | D        | Deteriorated        | Beige        | Second        | Negative        | 0.53        |
| Window Sash Int        | Wood        | D        | Deteriorated        | Beige        | Second        | Negative        | 0.49        |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>D</b> | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>3.78</b> |
| <b>Window Stop</b>     | <b>Wood</b> | <b>D</b> | <b>Deteriorated</b> | <b>Beige</b> | <b>Second</b> | <b>Positive</b> | <b>3.06</b> |
| <b>Attic Hatch</b>     | <b>Wood</b> | <b>D</b> | <b>Deteriorated</b> | <b>Green</b> | <b>Second</b> | <b>Positive</b> | <b>4.8</b>  |

| Room: Bedroom C        |             |           |                     |              |               |                 |             |
|------------------------|-------------|-----------|---------------------|--------------|---------------|-----------------|-------------|
| Component              | Substrate   | Side      | Condition           | Color        | Floor         | Results         | PbC         |
| <b>Window Sill</b>     | <b>Wood</b> | <b>C1</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>1.44</b> |
| <b>Window Stop</b>     | <b>Wood</b> | <b>C1</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>3.61</b> |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>C1</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>4.26</b> |
| <b>Window Sash Int</b> | <b>Wood</b> | <b>C2</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>1.32</b> |
| <b>Window Stop</b>     | <b>Wood</b> | <b>C2</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>3</b>    |
| <b>Window Sill</b>     | <b>Wood</b> | <b>C2</b> | <b>Deteriorated</b> | <b>White</b> | <b>Second</b> | <b>Positive</b> | <b>1.21</b> |

|               |      |    |              |       |        |          |      |
|---------------|------|----|--------------|-------|--------|----------|------|
| Window Casing | Wood | C2 | Deteriorated | White | Second | Positive | 2.31 |
| Door          | Wood | A  | Deteriorated | White | Second | Negative | 0.05 |
| Door Jamb     | Wood | A  | Intact       | White | Second | Positive | 5.24 |
| Door Casing   | Wood | A  | Deteriorated | White | Second | Positive | 1.92 |
| Door          | Wood | C  | Deteriorated | White | Second | Negative | 0.03 |
| Door Casing   | Wood | C  | Deteriorated | White | Second | Positive | 4.72 |
| Door Stop     | Wood | B  | Deteriorated | White | Second | Positive | 5    |
| Door          | Wood | B  | Deteriorated | White | Second | Negative | 0    |

**Notes:** Room has access on side C to rear balcony, however balcony not accessible at time of assessment.

| Room: Bedroom C Closet |           |      |              |       |        |          |      |
|------------------------|-----------|------|--------------|-------|--------|----------|------|
| Component              | Substrate | Side | Condition    | Color | Floor  | Results  | PbC  |
| Door                   | Wood      | D    | Deteriorated | White | Second | Negative | 0    |
| Door Jamb              | Wood      | D    | Intact       | White | Second | Positive | 6.16 |
| Door Casing            | Wood      | D    | Deteriorated | White | Second | Positive | 2.38 |
| Door                   | Wood      | A    | Intact       | White | Second | Positive | 3.2  |
| Door Casing            | Wood      | A    | Deteriorated | White | Second | Positive | 5.57 |

| Room: Upper Bathroom |           |      |              |       |        |          |      |
|----------------------|-----------|------|--------------|-------|--------|----------|------|
| Component            | Substrate | Side | Condition    | Color | Floor  | Results  | PbC  |
| Door Casing          | Wood      | D    | Deteriorated | White | Second | Positive | 3.01 |
| Door Jamb            | Wood      | D    | Intact       | White | Second | Negative | 0    |
| Door                 | Wood      | D    | Deteriorated | White | Second | Negative | 0    |
| Tub                  | Metal     | B    | Deteriorated | White | Second | Negative | 0    |

**Notes:** Window replacement glass block.

| Room: Lower Bedroom |           |      |              |       |       |          |      |
|---------------------|-----------|------|--------------|-------|-------|----------|------|
| Component           | Substrate | Side | Condition    | Color | Floor | Results  | PbC  |
| Door                | Wood      | D    | Deteriorated | White | First | Negative | 0.06 |
| Door Jamb           | Wood      | D    | Deteriorated | White | First | Positive | 5.15 |
| Door Casing         | Wood      | D    | Deteriorated | White | First | Positive | 5.11 |
| Door Casing         | Wood      | A    | Intact       | White | First | Positive | 4.07 |
| Door                | Wood      | A    | Deteriorated | White | First | Negative | 0.04 |
| Door Jamb           | Wood      | A    | Deteriorated | White | First | Positive | 4.61 |
| Door Stop           | Wood      | A    | Deteriorated | White | First | Positive | 5.98 |
| Window Sill         | Wood      | B    | Deteriorated | White | First | Positive | 1    |
| Window Casing       | Wood      | B    | Deteriorated | White | First | Positive | 4.38 |
| Window Sash Int     | Wood      | B    | Deteriorated | White | First | Positive | 4.7  |
| Window Stop         | Wood      | B    | Deteriorated | White | First | Positive | 3.5  |
| Wall                | Plaster   | D    | Deteriorated | Beige | First | Positive | 1.69 |
| Wall                | Plaster   | C    | Deteriorated | Beige | First | Positive | 1.81 |

**Notes:** Painted surfaces are generally intact but have impact and friction damage.

| Room: Front Porch |           |       |              |       |       |          |      |
|-------------------|-----------|-------|--------------|-------|-------|----------|------|
| Component         | Substrate | Side  | Condition    | Color | Floor | Results  | PbC  |
| Floor             | Wood      | Floor | Deteriorated | Gray  | First | Positive | 9.5  |
| Door              | Wood      | A     | Deteriorated | Gray  | First | Positive | 8.69 |

|                 |      |    |              |         |       |          |      |
|-----------------|------|----|--------------|---------|-------|----------|------|
| Door Stop       | Wood | A  | Deteriorated | Gray    | First | Positive | 8.28 |
| Door Jamb       | Wood | A  | Deteriorated | Gray    | First | Positive | 8.41 |
| Door Casing     | Wood | A  | Deteriorated | White   | First | Positive | 8.48 |
| Door Casing     | Wood | C  | Deteriorated | White   | First | Positive | 7.74 |
| Door            | Wood | C  | Deteriorated | Varnish | First | Negative | 0.09 |
| Door Threshold  | Wood | A  | Deteriorated | Gray    | First | Positive | 7.87 |
| Door Threshold  | Wood | A  | Deteriorated | White   | First | Negative | 0.34 |
| Window Sill     | Wood | D  | Deteriorated | White   | First | Positive | 1.29 |
| Window Sill     | Wood | CD | Deteriorated | White   | First | Positive | 9.79 |
| Window Stop     | Wood | C3 | Deteriorated | White   | First | Positive | 8.85 |
| Window Sash Ext | Wood | C3 | Deteriorated | White   | First | Positive | >10  |
| Window Sash Ext | Wood | C4 | Deteriorated | White   | First | Positive | >10  |
| Window Stop     | Wood | C4 | Deteriorated | White   | First | Positive | 8.67 |
| Window Stop     | Wood | D2 | Deteriorated | White   | First | Positive | 5.11 |
| Window Sash Int | Wood | D2 | Deteriorated | White   | First | Positive | 9.59 |
| Window Sash Int | Wood | D1 | Deteriorated | White   | First | Positive | 8.92 |
| Window Stop     | Wood | D1 | Deteriorated | White   | First | Positive | >10  |
| Window Sill     | Wood | AD | Deteriorated | White   | First | Positive | 7.31 |
| Window Sill     | Wood | AB | Deteriorated | White   | First | Positive | 1.03 |
| Window Stop     | Wood | A1 | Deteriorated | White   | First | Positive | 8.04 |
| Window Sash Int | Wood | A1 | Deteriorated | White   | First | Positive | >10  |
| Window Sash Int | Wood | B1 | Deteriorated | White   | First | Positive | >10  |
| Window Stop     | Wood | B1 | Deteriorated | White   | First | Positive | 6.59 |
| Window Stop     | Wood | B2 | Deteriorated | White   | First | Positive | 8.16 |
| Window Sash Int | Wood | B2 | Deteriorated | White   | First | Positive | 8.91 |
| Window Stop     | Wood | C2 | Deteriorated | White   | First | Positive | 7.13 |
| Window Sash Ext | Wood | C2 | Deteriorated | White   | First | Positive | >10  |
| Window Sash Int | Wood | A2 | Deteriorated | White   | First | Positive | 9.6  |
| Window Stop     | Wood | A2 | Deteriorated | White   | First | Positive | 7.52 |
| Window Sash Int | Wood | A3 | Deteriorated | White   | First | Positive | 9.05 |
| Window Stop     | Wood | A3 | Deteriorated | White   | First | Positive | 7.36 |
| Window Sash Int | Wood | A4 | Deteriorated | White   | First | Positive | 8.35 |
| Window Stop     | Wood | A4 | Deteriorated | White   | First | Positive | 7.93 |
| Window Sash Int | Wood | A5 | Deteriorated | White   | First | Positive | 8.03 |
| Window Stop     | Wood | A5 | Deteriorated | White   | First | Positive | 9.85 |
| Window Sash Int | Wood | A6 | Deteriorated | White   | First | Positive | 7.97 |
| Window Stop     | Wood | A6 | Deteriorated | White   | First | Positive | 8.62 |
| Window Sash Int | Wood | A7 | Deteriorated | White   | First | Positive | 7.84 |
| Window Stop     | Wood | A7 | Deteriorated | White   | First | Positive | 7.49 |

**Notes:** Single window sill runs along base of multiple window sashes. Window sill AB refers to side A (west side) window sill on north side (side B) of exterior entry door, and window sill AD refers to the sill on the south side (side D) of the entry door. Similarly, window sill CD refers to the window to the south side (side D) of the home entry door leading to the living room. Window sill CB on the north side (side B) of the home entry door intact at the time of the assessment. Porch ceiling intact at time of assessment.

| Room: Exterior     |           |         |              |       |        |          |      |
|--------------------|-----------|---------|--------------|-------|--------|----------|------|
| Component          | Substrate | Side    | Condition    | Color | Floor  | Results  | PbC  |
| Stair Tread        | Wood      | A       | Deteriorated | Gray  | First  | Negative | 0.02 |
| Stair Riser        | Wood      | A       | Deteriorated | Gray  | First  | Negative | 0.01 |
| Stair Stringer     | Wood      | D       | Deteriorated | Gray  | First  | Negative | 0.04 |
| Handrail           | Metal     | D       | Deteriorated | Black | First  | Negative | 0.05 |
| Window Casing      | Wood      | D-KT    | Deteriorated | White | First  | Positive | 2.84 |
| Window Casing      | Wood      | D-DR    | Deteriorated | White | First  | Positive | 0.98 |
| Window Casing      | Wood      | D-Porch | Deteriorated | White | First  | Positive | 2.56 |
| Window Sill        | Wood      | D1      | Deteriorated | White | First  | Negative | 0.04 |
| Window Sill        | Wood      | D-DR    | Deteriorated | White | First  | Positive | 1.78 |
| Wall               | Wood      | D       | Deteriorated | Gray  | First  | Positive | 1.05 |
| Wall               | Wood      | C       | Deteriorated | Gray  | First  | Positive | 2.89 |
| Wall               | Wood      | B       | Deteriorated | Gray  | First  | Positive | 1.18 |
| Window Sill        | Wood      | C       | Deteriorated | White | First  | Positive | 4.03 |
| Window Casing      | Wood      | C       | Deteriorated | White | First  | Negative | 0.89 |
| Porch Beam         | Wood      | C       | Deteriorated | White | Second | Positive | 4    |
| Porch Support      | Wood      | C       | Deteriorated | White | Second | Negative | 0.14 |
| Fence              | Wood      | D       | Deteriorated | Gray  | First  | Negative | 0    |
| Window Sill        | Wood      | D1      | Deteriorated | White | Ground | Negative | 0.21 |
| Basement Win. Sash | Wood      | D1      | Deteriorated | White | Ground | Positive | >10  |

**Notes:** Basement windows D2, D3 intact. Unable to assess or access side B main floor or basement windows at time of assessment.

| Room: Garage  |           |      |              |       |        |          |      |
|---------------|-----------|------|--------------|-------|--------|----------|------|
| Component     | Substrate | Side | Condition    | Color | Floor  | Results  | PbC  |
| Door Casing   | Wood      | A1   | Deteriorated | White | Ground | Negative | 0    |
| Door Casing   | Wood      | A2   | Deteriorated | White | Ground | Negative | 0    |
| Window Casing | Wood      | D    | Deteriorated | White | Ground | Negative | 0    |
| Wall          | Wood      | D    | Deteriorated | Gray  | Ground | Negative | 0    |
| Wall          | Wood      | A    | Deteriorated | Gray  | Ground | Negative | 0    |
| Door Jamb     | Wood      | A2   | Deteriorated | Gray  | Ground | Negative | 0    |
| Door Jamb     | Wood      | A1   | Deteriorated | Gray  | Ground | Negative | 0    |
| Door Jamb     | Wood      | B    | Deteriorated | Gray  | Ground | Negative | 0    |
| Door Casing   | Wood      | B    | Deteriorated | Gray  | Ground | Negative | 0    |
| Door          | Wood      | B    | Deteriorated | Gray  | Ground | Negative | 0.05 |
| Soffit        | Wood      | B    | Deteriorated | Gray  | Ground | Negative | 0    |

### KEY

**Black = Negative**

**Blue = Positive, but not considered a hazard on the date of the assessment**

**Red = Lead Based Paint Hazard**

**NA**– Not applicable

**UTT**– Unable to Test; these components are assumed to be lead based because the property was constructed prior to 1978

**PbC**- Amount of lead in paint, measured in milligrams per square centimeter (mg/cm<sup>2</sup>) of surface area. In Wisconsin any applied coating that is greater than 0.5 percent lead by weight in the dried film, or equal to or greater than 1 milligram of lead per square centimeter (mg/cm<sup>2</sup>) in the dried film is defined as lead-bearing.

**\*TO BE ABATED FOR LEAD BEARING PAINT HAZARDS**

## 6.2 Dust Wipe Sampling

Dust wipe samples were collected following documented protocol and sampling methodologies found in Wisconsin Administrative Code DHS 163 and Appendix 13.1 Wipe Sampling of Settled Dust for Lead Determination found in the Housing and Urban Development (HUD) Guidelines For The Evaluation and Control of Lead Based Paint Hazards in Housing.

Field collection of settled dust samples using single surface wipe sampling methods is used to determine the presence of lead dust hazards on floors and on window sills in a residential structure. In Wisconsin a lead dust hazard is present if the arithmetic mean average of laboratory results for all like surfaces are equal to or are greater than 10 micrograms per square foot ( $\mu\text{g}/\text{ft}^2$ ) on floors and 100  $\mu\text{g}/\text{ft}^2$  on window sills.

A total of 24 dust wipe samples were collected and analyzed. One additional field blank sample anonymously marked was included and analyzed as a quality control check. Samples were analyzed by the:

Accurate Analytical Testing LLC  
30105 Beverly Road  
Romulus, MI 48174  
(734) 629-8161  
Laboratory ID # 100986

**Wipe Sampling Summary Table**

| Sample #       | Room                   | Sample Location                  | Results                                           | Standard                                        |
|----------------|------------------------|----------------------------------|---------------------------------------------------|-------------------------------------------------|
| 1721-1         | Bedroom A              | Floor                            | <5.00 $\mu\text{g}/\text{ft}^2$                   | 10 $\mu\text{g}/\text{ft}^2$                    |
| <b>1721-2</b>  | <b>Bedroom A</b>       | <b>Window Sill</b>               | <b>2430 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| 1721-3         | Bedroom B              | Floor                            | 5.35 $\mu\text{g}/\text{ft}^2$                    | 10 $\mu\text{g}/\text{ft}^2$                    |
| <b>1721-4</b>  | <b>Bedroom B</b>       | <b>Window Sill</b>               | <b>643 <math>\mu\text{g}/\text{ft}^2</math></b>   | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| 1721-5         | Bedroom C              | Floor                            | 6.57 $\mu\text{g}/\text{ft}^2$                    | 10 $\mu\text{g}/\text{ft}^2$                    |
| <b>1721-6</b>  | <b>Bedroom C</b>       | <b>Window Sill</b>               | <b>7240 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| 1721-7         | Bedroom D              | Floor                            | <5.00 $\mu\text{g}/\text{ft}^2$                   | 10 $\mu\text{g}/\text{ft}^2$                    |
| <b>1721-8</b>  | <b>Bedroom D</b>       | <b>Window Sill</b>               | <b>1480 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| 1721-9         | Entry-BLANK            | Floor-BLANK                      | <5.00 $\mu\text{g}/\text{ft}^2$                   | 5 $\mu\text{g}/\text{ft}^2$                     |
| 1721-10        | Bathroom-Upper         | Floor                            | <5.00 $\mu\text{g}/\text{ft}^2$                   | 10 $\mu\text{g}/\text{ft}^2$                    |
| 1721-11        | Bathroom-Upper Bathtub | Floor                            | <5.00 $\mu\text{g}/\text{ft}^2$                   | NA                                              |
| 1721-12        | Bathroom-Lower         | Floor                            | <5.65 $\mu\text{g}/\text{ft}^2$                   | 10 $\mu\text{g}/\text{ft}^2$                    |
| 1721-13        | Hallway                | Floor                            | <5.00 $\mu\text{g}/\text{ft}^2$                   | 10 $\mu\text{g}/\text{ft}^2$                    |
| 1721-14        | Living Room            | Floor                            | <5.00 $\mu\text{g}/\text{ft}^2$                   | 10 $\mu\text{g}/\text{ft}^2$                    |
| <b>1721-15</b> | <b>Living Room</b>     | <b>Window Sill</b>               | <b>7000 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| 1721-16        | Dining Room            | Floor                            | 6.04 $\mu\text{g}/\text{ft}^2$                    | 10 $\mu\text{g}/\text{ft}^2$                    |
| <b>1721-17</b> | <b>Dining Room</b>     | <b>Window Sill</b>               | <b>519 <math>\mu\text{g}/\text{ft}^2</math></b>   | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| <b>1721-18</b> | <b>Kitchen</b>         | <b>Floor</b>                     | <b>11.3 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>10 <math>\mu\text{g}/\text{ft}^2</math></b>  |
| 1721-19        | Kitchen                | Window Sill                      | 68.0 $\mu\text{g}/\text{ft}^2$                    | 100 $\mu\text{g}/\text{ft}^2$                   |
| <b>1721-20</b> | <b>Back Entry</b>      | <b>Floor</b>                     | <b>130 <math>\mu\text{g}/\text{ft}^2</math></b>   | <b>10 <math>\mu\text{g}/\text{ft}^2</math></b>  |
| <b>1721-21</b> | <b>Porch</b>           | <b>Floor</b>                     | <b>123 <math>\mu\text{g}/\text{ft}^2</math></b>   | <b>10 <math>\mu\text{g}/\text{ft}^2</math></b>  |
| <b>1721-22</b> | <b>Porch</b>           | <b>Window Sill</b>               | <b>50000 <math>\mu\text{g}/\text{ft}^2</math></b> | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| <b>1721-23</b> | <b>Hallway</b>         | <b>Window Sill</b>               | <b>1330 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
| 1721-24        | Bedroom                | Floor                            | <5.00 $\mu\text{g}/\text{ft}^2$                   | 10 $\mu\text{g}/\text{ft}^2$                    |
| <b>1721-25</b> | <b>Bedroom</b>         | <b>Window Sill</b>               | <b>490 <math>\mu\text{g}/\text{ft}^2</math></b>   | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
|                |                        | <b>Mean Average Window Sills</b> | <b>7120 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>100 <math>\mu\text{g}/\text{ft}^2</math></b> |
|                |                        | <b>Mean Average Floors</b>       | <b>22.5 <math>\mu\text{g}/\text{ft}^2</math></b>  | <b>10 <math>\mu\text{g}/\text{ft}^2</math></b>  |

### Notes:

- The mean average is applied to all floors including those not tested. All floors have lead dust hazards and require corrective measures.
- The mean average is applied to all window sills including those not tested. All window sills have lead dust hazards and require corrective measures.
- There is no standard for lead in dust for bathtub samples. However, the EPA action level for lead in water is 15  $\mu\text{g}/\text{L}$  (micrograms per liter), and the FDA has established an allowable level of 5  $\mu\text{g}/\text{L}$  for bottled water. Lead may be ingested from mouthing behaviors while bathing.

### 6.3 Soil Sampling

Soil samples were collected following documented protocol and sampling methodologies found in Wisconsin Administrative Code DHS 163 and Appendix 13.3 Collecting Soil Samples for Lead Determination found in the HUD Guidelines. Composite soil samples were collected from all areas of bare soil in and around children's play areas and other areas of bare soil throughout the yard. In Wisconsin, a lead soil hazard is present if the results are  $\geq 400$  parts per million (ppm) in a play area and  $\geq 1200$  ppm in bare soil.

A total of 2 soil samples were collected. The samples were analyzed by the:

Accurate Analytical Testing LLC  
30105 Beverly Road  
Romulus, MI 48174  
(734) 629-8161  
Laboratory ID # 100986

#### Soil Sample Summary Table

| Sample # | Sample Location | Results  | Standard | Soil Lead Hazard Yes/No |
|----------|-----------------|----------|----------|-------------------------|
| 1721-A   | Side A Dripline | 4500 ppm | 1200 ppm | Yes                     |
| 1721-B   | Side B Dripline | 5180 ppm | 1200 ppm | Yes                     |

**Notes:** Side A dripline along base of front porch on west side of home. Side B dripline collected along the foundation of the home on the north side of the home, extending into the back yard adjacent to the back door awning.

### 6.4 Consumer Products and Children's Toys Assessment and Sampling Results

Lead in paint, varnish, shellac, or other surface coatings can be identified by laboratory analysis of paint or coating or by direct readings using an x-ray fluorescence instrument. Lead in consumer products or toys that do not have a surface coating can be identified by laboratory analysis of a bulk sample of the material itself. In this assessment, x-ray fluorescence readings were taken.

The Consumer Product Safety Commission (CPSC) sets standards for the amount of lead allowed in the applied coatings on toys and furniture intended for use by children. The current CPSC standard for children's toys, jewelry, clothing, furniture, and other children's products is less than  $< 90$  ppm of lead.

| Material or Product | Sample Result          | Above CPSC Standard Yes/No | Comments                                       |
|---------------------|------------------------|----------------------------|------------------------------------------------|
| Crib railing        | 0.0 mg/cm <sup>2</sup> |                            | Deterioration along crib railing from mouthing |

**Notes:** To obtain a sample result in ppm, paint/finish from the crib would have to be removed, which would result in permanent damage to a crib's finish. Because the cribs were purchased new and no lead was detected with x-ray fluorescence, the varnish is presumed to be  $< 90$  ppm.

## 7.0 Summary of Findings

The property was found to have multiple lead-based paint hazards on the interior and exterior. Dust wipe sampling found unsafe lead dust levels on interior window sills and floors throughout the home. Soil sampling also found lead hazards in bare soil along the north and west sides of the home.

### Paint Hazards

#### Interior

- **Windows**
  - **Win. Casings:** Basement (All), Bedroom D, Bedroom D Closet, Bedroom B, Bedroom C (Side C2), Lower Bedroom
  - **Win. Sills:** Bedroom D, Bedroom D Closet, Bedroom B, Bedroom C (All), Lower Bedroom, Front Porch (Sides AD, AB, D, CD)
  - **Win. Stops:** Bedroom D (All), Bedroom D Closet, Bedroom B, Bedroom A (All), Bedroom A Closet, Bedroom C (All), Lower Bedroom, Front Porch (All except C1-vinyl window)
  - **Win. Sashes:** Basement (All), Kitchen (All), Pantry, Dining Room (All), Living Room (Side A-All), Hallway, Bedroom D (All), Bedroom D Closet, Bedroom B, Bedroom A (All), Bedroom A Closet, Bedroom C (All), Lower Bedroom, Front Porch (All except C1-vinyl window)
- **Doors**
  - **Door Casings:** Back Entry (Side C), Bedroom A (Side D-Closet), Bedroom C (Sides A, C), Bedroom C Closet (All), Upper Bathroom, Lower Bedroom (All), Front Porch (Sides A, C)
  - **Door Jambs:** Basement (Side A to front room), Lower Bathroom, Hallway (Side D-Closet), Bedroom D Closet, Bedroom B, Bedroom A (Side D)/Bedroom A Closet (Side B), Lower Bedroom (All), Front Porch (Side A)
  - **Door Stops:** Back Entry (Side C), Living Room (Side A), Hallway (Sides A, C), Bedroom A (D-Closet), Bedroom C (Side B), Lower Bedroom (Side A), Front Porch (Side A)
  - **Doors:** Back Entry (Side C), Front Porch (Side A)
  - **Door Thresholds:** Living Room (Side A), Front Porch (Side A-Gray)
- **Walls:** Back Entry (Sides A, C), Kitchen (Side C), Dining Room (Sides A, B), Bedroom D (Side C), Lower Bedroom (Sides C, D)
- **Ceilings:** Bedroom D Closet
- **Trim**
  - **Milkbox Door:** Back Entry (back door of box)
  - **Baseboards:** Hallway (Side D)
  - **Closet Brackets:** Hallway Closet
  - **Attic Hatch:** Bedroom A Closet
- **Floors:** Front Porch

#### Exterior

- **Windows**
  - **Window Casings:** Side D (Kitchen, Dining Room, Front Porch)
  - **Window Sills:** Side D (Dining Room), Side C (Kitchen)
  - **Basement Window Sashes:** Side D1
- **Siding:** Sides B, C, D
- **Porch Beams:** Side C (under rear balcony)

### Dust Hazards

Window sills throughout the home were found to have lead dust hazards. Floors were also found to contain lead in dust hazards.

### Soil Hazards

Bare soil was found to contain lead in soil hazards along the base of the front porch on side A (west side) and along the foundation of side B (north side) of the home.

Because lead hazards were found, the following prevention measures should be taken to help protect small children that reside at the property until all identified lead hazards are properly corrected:

- Small children should be prevented from accessing areas with deteriorating paint as much as possible.
- Block access to window sills and wells, or install a temporary barrier like duct tape over the paint on the window sills.
- Regular cleaning to minimize contaminated dust and debris build-up is strongly recommended, especially on floors and window surfaces. Clean all window sills and wells with warm water and soap. Use paper towels to dispose of after cleaning (if not available, a rag may be used, but should be laundered separately). Flush all cleaning water down the toilet.
- Cover bare soil with grass or mulch.
- Limit mouthing behaviors while utilizing the bathtub. Use an insert to prevent water from sitting in the tub, resurface the tub, or remove and replace bathtub.
- Place mat or rug over painted surfaces to limit the spread of dust into living areas. Remove shoes at entry.

Since lead-based paint (LBP) is present, ongoing monitoring of the property is necessary. When LBP is present, the potential exists for LBP hazards to develop. It is recommended that:

1. All painted surfaces are visually monitored on a regular basis for paint failure. Any deterioration should be immediately treated using approved lead-safe techniques. See the HUD publication *Guidelines for the Evaluation and Control of LBP Hazards in Housing*.
2. Precautions should be taken during any future remodeling or repairs that will disturb painted components. Improper work practices that do not control lead dust and debris may actually create a greater lead hazard in the home and expose both the workers and the occupants of the property to lead dust. The use of a Wisconsin certified lead company is highly recommended for work that will disturb coated surfaces that have not been proven to be lead free.

### **7.1 Monitoring, Maintenance, and Reevaluation**

Regular, ongoing monitoring and visual inspections of the property should be conducted to identify any component failure or areas of new or redeveloping deterioration. Close attention should be given to surfaces that are enclosed, encapsulated or soil treated with mulch. The homeowner may do this monitoring, or a certified risk assessor or hazard investigator may be used to conduct a reevaluation. Any area of new deterioration, rot, substrate or component failure should be tested by a certified risk assessor or hazard investigator, or presumed to be lead based paint and treated using approved lead-safe work practices. See the HUD publication *Guidelines for the Evaluation and Control of LBP Hazards in Housing*. Precautions should be taken during any future remodeling or repairs that will disturb painted components. This includes but is not limited to repairs due to leaking gutters, missing downspouts, leaking roofs or pipes, etc. Improper work practices that do not control lead dust and debris will create a greater lead hazard in the home, and expose both the workers and the occupants of the property to lead dust. The use of a Wisconsin certified lead abatement contractor is highly recommended to correct all current and future lead hazards.

## 8.0 Lead Hazard Control Options

Contractors must be appropriately certified with the Wisconsin Department of Health Services and follow all applicable federal, state and local regulations, laws, rules, and guidelines for lead remediation. The contractor must also comply with all relevant codes and ordinances for the municipality and the State of Wisconsin.

### 8.1 Component(s): Interior & Exterior Windows

#### Location(s):

**Interior:** Window casings in Basement (all), Bedroom D, Bedroom D Closet, Bedroom B, Bedroom C (side C2), Lower Bedroom. Window sills in Bedroom D, Bedroom D Closet, Bedroom B, Bedroom C, Lower Bedroom, Front Porch (all except CB – under vinyl window and B). Window stops in Bedroom D, Bedroom D Closet, Bedroom B, Bedroom A, Bedroom A Closet, Bedroom C, Lower Bedroom, Front Porch (all except C1 – vinyl window). All window sashes except vinyl windows in Living Room and Front Stairs or glass block windows in bathrooms.

**Exterior:** Window casings on side D (outside Front Porch, Kitchen, Dining Room). Window sills on side C (Kitchen) and side D (Dining Room). Side D1 Basement window sash.

Lead hazards resulting from impact damage and deterioration were identified on window components throughout the dwelling. Because there are several layers of lead-based paint on these components, this will be an ongoing issue if temporary interim controls are done. It is strongly recommended that abatement controls be used to permanently eliminate lead hazards from redeveloping in the future.

**Note:** Per Racine Municipal Code Section 18-707, **abatement controls must be used for lead hazards identified on friction and impact window components** including, but not limited to, window sashes and window stops.

#### Interim Controls:

##### Interior Windows

Using lead-safe work practices, wet scrape all loose, peeling, cracked, or blistered paint from interior window components, including sashes, sill, casing, and stops. Feather edges with a wet sponge sanding block. HEPA vacuum all dust and chips. Wash all surfaces with a de-glossing wash. Apply high-quality bonding primer. Apply high-quality interior latex paint that has a first wet coat film of not less than 6 mils.

##### Exterior Windows

Using lead-safe work practices, repair or replace all areas of damaged or rotten wood. Wet scrape all loose, peeling, cracked, or blistered paint from exterior window components, including sashes, sills, jambs, stops, and trough. Feather edges with a wet sponge sanding block. HEPA vacuum and wash with a de-glossing solution all surfaces to be repainted to ensure a good bond with the new paint. Apply high-quality bonding primer. Apply high-quality exterior latex or acrylic paint that has a first coat, wet film of not less than 6 mils.

#### Abatement Controls:

##### Interior Window Casings, Sills

Wet scrape the surface and exposed edges of windowsills and casings to bare wood. HEPA vacuum and wash the sills to remove all paint chips and dust. Apply high quality bonding primer and high quality interior latex paint that has a first-coat wet film of not less than 6 mils.

**Or**

Using lead- safe abatement practices, remove and properly dispose of existing trim. Install new trim using construction grade dimensional lumber or manufactured mill stock. Apply high-quality bonding primer. Apply high-quality interior latex paint that has a first coat wet film of not less than 6 mils.

##### Exterior Window Casings, Sills

Using lead-safe abatement practices, remove and properly dispose of existing trim. Install new trim using construction grade dimensional lumber or manufactured mill stock. Apply high-quality bonding primer. Apply high-quality exterior latex or acrylic paint that has a first coat wet film of not less than 6 mils.

**Or**

Using lead-safe abatement practices, replace any missing or rotten trim with dimensional pine or fir stock as needed. Wrap all exposed exterior window and door trim, sills, beams, and headers with aluminum coil stock custom bent to cover the component. Secure with nails and seal all edges and seams with an exterior silicon caulk.

#### **Interior & Exterior Window Sashes, Stops**

Using lead-safe abatement practices, remove and properly dispose of the existing window sashes, parting bead, and outer stops. Supply and install a new vinyl replacement window unit sized to fit the existing opening. Outer stops are to be replaced with new pine or fir using lead-safe work practices or wrapped with aluminum cladding.

## **8.2 Component(s): Interior & Exterior Doors**

**Location(s):** Door casings in Back Entry (side C), Bedroom A (side D-Closet), Bedroom C (sides A, C), Bedroom C Closet, Upper Bathroom, Lower Bedroom, Front Porch. Door jambs in Basement (side A), Lower Bathroom, Hallway (side D-Closet), Bedroom D Closet, Bedroom B, Bedroom A/Bedroom A Closet, Lower Bedroom, Front Porch (side A). Door stops in Back Entry (side C), Living Room (side A), Hallway (sides A, C), Bedroom A (side D), Bedroom C (side B), Lower Bedroom (side A), Front Porch (side A). Door thresholds in Living Room (side A), Front Porch (side A-gray). Interior/Exterior doors in Back Entry (side C), Front Porch (side A).

Lead hazards resulting from impact damage were identified on several door components. Because these are friction and impact surfaces, and there are several layers of lead-based paint on these components, this will continue to be an issue if temporary interim controls are done. **It is strongly recommended that abatement controls are used to permanently eliminate lead hazards from redeveloping in the future.**

#### **Interim Controls:**

Using lead-safe work practices, wet scrape all loose, peeling, cracked, or blistered paint from door and door components including casing, jamb, and stop. Feather edges with a wet sponge sanding block. HEPA vacuum and wash with a de-glossing solution all surfaces to be repainted to ensure a good bond with the new paint. Apply high-quality bonding primer. Apply high-quality interior latex paint or exterior latex or acrylic paint on exterior surfaces and components that has a first coat wet film of not less than 6 mils.

**And**

Using lead-safe work practices, plane door edges and adjust the strike plate if needed to minimize door/jamb friction and contact. Door is to operate smoothly.

#### **Abatement Controls:**

##### **Interior Door Casings, Jambs, Stops, and Thresholds**

Using lead-safe abatement practices, remove and properly dispose of the existing door and jamb. Supply and install a new pre-hung interior door measured to fit existing opening. Door casing is to be replaced. Apply high-quality bonding primer. Apply high-quality interior latex top coat paint.

##### **Interior/Exterior Doors**

Using lead-safe abatement practices, remove and properly dispose of the existing door, jamb, and threshold. Supply and install a new pre-hung exterior entrance door measured to fit existing opening, primed and finish-coat ready. Interior door casing may be reused. Wrap trim with aluminum cladding. Finish door face as necessary per manufacturer instructions.

### 8.3 Component(s): Interior Walls and Ceilings

**Location(s):** Walls in Back Entry (sides A, C), Kitchen (side C), Dining Room (sides A, B), Bedroom D (side C), Lower Bedroom (sides C, D). Ceiling in Bedroom D Closet.

Lead hazards were identified on walls and ceilings throughout the dwelling. Because there are several layers of lead-based paint on these components, this will continue to be an issue if temporary interim controls are done. **It is strongly recommended that abatement controls are used to permanently eliminate lead hazards from redeveloping in the future.**

#### **Interim Controls:**

##### **Walls**

Using lead-safe work practices, wet scrape all loose, cracked, peeling, or blistered surfaces. Repair all cracks, holes, or deteriorated areas with joint compound or plaster patching compound. HEPA vacuum and wash with a de-glossing solution all surfaces to be painted. Apply high-quality bonding primer. Apply high-quality interior latex paint.

##### **Ceilings**

Using lead-safe work practices, wet scrape all loose, cracked, peeling, or blistered surfaces. Repair all cracks, holes, or deteriorated areas with joint compound or plaster patching compound. HEPA vacuum and wash with a de-glossing solution all surfaces to be painted. Apply high-quality bonding primer. Apply high-quality interior latex paint.

#### **Abatement Controls:**

Using lead-safe abatement practices, install wood paneling, wainscot, or not less than 3/8-inch drywall over the existing surface material. Apply a continuous bead of caulk or construction adhesive around all four edges of each panel or sheet. Secure in place with nails or drywall screws—8 inches on center. Seal all edges with a high-quality, paintable silicone caulk. If the baseboard has a cap molding, use lead-safe work practices to remove and properly dispose of the top cap molding. Install new quarter round or other type of molding as a cap after drywall is paint-ready

### 8.4 Component(s): Interior Trim

**Location(s):** Milkbox door in Back Entry. Baseboards in Hallway (side D). Closet brackets in Hallway Closet. Attic hatch in Bedroom A Closet.

Lead hazards resulting from deterioration were identified on trim components in the home. Because there are several layers of lead-based paint on these components, this will be an ongoing issue if temporary interim controls are used. **It is strongly recommended that abatement controls be used to permanently eliminate lead hazards from redeveloping in the future.**

#### **Interim Controls:**

Using lead-safe work practices, repair or replace all areas of damaged or rotten wood. Wet scrape all loose, peeling, cracked, or blistered paint from trim. Feather edges with a wet sponge sanding block. HEPA vacuum and wash with a de-glossing solution all surfaces to be repainted to ensure a good bond with the new paint. Apply high-quality bonding primer. Apply high-quality interior latex paint that has a first coat wet film of not less than 6 mils.

#### **Abatement Controls:**

Using lead-safe abatement practices, remove and properly dispose of existing trim. Install new trim using construction grade dimensional lumber or manufactured mill stock. Apply high-quality bonding primer. Apply high-quality interior latex paint that has a first coat wet film of not less than 6 mils.

## 8.5 Component(s): Interior Flooring

### Location(s): Front Porch.

Lead hazards resulting from impact and deterioration were identified on porch flooring. Because there are several layers of lead-based paint on these components, this will require ongoing maintenance if interim controls are used.

#### Interim Controls:

Using lead-safe work practices, repair all loose or damaged flooring, stair treads, and stair risers, and wet-scrape components to remove all loose, peeling, blistered, or flaking paint. Feather all edges with a wet sponge sanding block. HEPA vacuum all components. Apply high-quality bonding primer if required. Apply high-quality latex or acrylic interior floor paint per manufacturer's instructions. The paint used must be specifically for interior floors or designed to withstand foot traffic.

#### **And**

Securely install a vinyl or rubber floor runner in high-traffic areas.

#### Abatement Controls:

Using lead-safe work practices, remove and properly dispose of bottom shoe molding. Slowly HEPA vacuum all floors. Using a crevice attachment slowly HEPA vacuum each seam and gap between individual floor boards. Install not less than 1/4 inch underlayment by applying a continuous bead of caulk or construction adhesive around all four edges of each sheet to form a dust tight seal. Following manufacturer's recommendations to nail or staple sheets securely to existing flooring. Install new base molding.

#### **Or**

Using lead-safe abatement practices, including HEPA filtered exhaust dust collection, sand the flooring down to bare wood. Using the crevice attachment, slowly HEPA vacuum each seam between individual boards. Using the hard floor attachment, HEPA vacuum the entire floor surface slowly in two directions. Apply high-quality polyurethane or acrylic hardwood floor sealer per manufacturer's instructions. **OPTION:** apply a lead-free floor stain or finish prior to the floor finish sealer

## 8.6 Component(s): Exterior Siding

### Location(s): Sides B, C, and D.

Lead hazards resulting from deterioration were identified on siding. Because there are several layers of lead-based paint on these components, this will be an ongoing issue if temporary interim controls are done. **It is strongly recommended that abatement controls be used to permanently eliminate lead hazards from redeveloping in the future.**

#### Interim Controls:

Using lead-safe work practices, repair or replace all areas of damaged, missing, or rotten siding. Wet scrape all loose, peeling, cracked, or blistered paint from siding. Feather edges with a wet sponge sanding block. HEPA vacuum and wash with a de-glossing solution all surfaces to be repainted to ensure a good bond with the new paint. Apply high-quality bonding primer. Apply high-quality exterior latex or acrylic paint that has a first coat wet film of not less than 6 mils.

#### Abatement Controls:

Using lead-safe abatement practices, remove and properly dispose of the existing siding. Install house wrap over sheathing following manufacturer's instructions. Install insulation board if necessary and install new vinyl or metal siding. **OPTION TO ENCLOSE SIDING:** Bend a U channel to match the thickness of insulation board. Outside lip of channel should not be less than 1/2-inch high. Install channel along the bottom edge of existing siding and seal to existing siding with duct tape or another brand of construction grade adhesive tape. Install house wrap over existing siding extending into the U channel. Seal all seams and edges with tape designed for use with the house wrap. Install insulation board seated inside the U channel. Seal outside lip of channel to insulation board using duct tape or another brand of construction grade adhesive tape. Install new vinyl or metal siding.

## 8.7 Component(s): Exterior Porch Beams

### Location(s): Side C under Rear Balcony.

Deterioration of paint was identified on porch beams. Because there are several layers of lead-based paint on these components, this will be an ongoing issue if temporary interim controls are done. It is strongly recommended that abatement controls be used to permanently eliminate lead hazards from redeveloping in the future.

#### Interim Controls:

Using lead-safe work practices, repair or replace all areas of damaged or rotten wood. Wet scrape all loose, peeling, cracked, or blistered paint from siding, soffit, and fascia. Feather edges with a wet sponge sanding block. HEPA vacuum and wash with a de-glossing solution all surfaces to be repainted to ensure a good bond with the new paint. Apply high quality bonding primer. Apply high quality exterior latex or acrylic paint that has a first coat wet film of not less than 6 mils.

#### Abatement Controls:

Using lead-safe abatement practices, repair or replace all areas of damaged, missing, or rotten wood. Apply a chemical paint stripper that does not contain methylene chloride to remove all layers of paint to bare wood. Apply high-quality bonding primer and a high-quality exterior latex or acrylic paint that has a first coat wet film of not less than 6 mils.

**Or**

Using lead-safe abatement practices, replace any missing or rotten trim with dimensional pine or fir stock as needed. Wrap all exposed exterior window and door trim, sills, beams, and headers with aluminum coil stock custom bent to cover the component. Secure with nails and seal all edges and seams with an exterior silicon caulk.

## 8.8 Component(s): Exterior Soil

### Location(s): Side A along porch base. Side B along foundation and Back Entry door.

#### Interim Controls:

HEPA vacuum all paint chips on the ground. Install a barrier of not less than 3 inches of mulch or install new topsoil that has a lead concentration of less than 400 parts per million (ppm). Thoroughly tamp new soil to prevent settling. Soil cultivation or rototill mixing is not allowed to lower concentration.

#### Abatement Controls:

Remove and properly dispose of the top 6 inches of existing soil. Soil must be analyzed at a laboratory capable of doing a Toxicity Characteristic Leaching Procedure (TCLP). If necessary, treat soil with a reagent product to permanently stabilize the lead resulting in a TCLP less than 5 parts per million (ppm). Install new topsoil thoroughly tamped to avoid settling. In drip lines, create a minimum 1-inch-per-foot positive slope away from foundations for the first 4 feet. Reseed all areas where topsoil was replaced throughout the yard and in play areas. Reseed or reestablish ground cover in foundation plantings. New topsoil must have a lead concentration of less than 400 ppm. Soil cultivation or rototill mixing is not allowed to lower concentration.

## 9.0 Standard Operating Procedures and Signature Page

This assessment was conducted in accordance with Wisconsin Admin. Code ch. DHS 163 and the U.S. Department of Housing and Urban Development (HUD) "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" (Guidelines).

**Methodology:** The lead-based paint survey and assessment includes the following:

**Definition of Room Equivalent:** A **Room Equivalent** is a **functional space** and is often an identifiable part of a building, such as a room, an exterior side, or an exterior area. Hallways, stairways, and exterior areas, such as porches, play areas, garages, and sides of a building, are all examples of room equivalents.

Each room equivalent is made up of **components**. Components may be located inside or outside a building. For example, components in a room are the ceiling, floor, walls, a door, door casing, window sash, window casings, etc. The **substrate** is the material underneath the paint. Many substrates exist; however, the HUD Guidelines recommend classifying substrates into one of six substrate types: brick, concrete, drywall, metal, plaster, and wood. These substrate types are intended to include a broad range of materials. If the true substrate is not one of the six types, the substrate that most closely matches the true substrate is selected. For substrates on top of substrates, such as plaster on concrete, the substrate directly beneath the painted surface is used.

**Assessment Logic:** Lead-based paint risk assessment is performed by use of the following **assessment logic**. In Wisconsin any applied coating that is greater than 0.5 percent lead by weight in the dried film, or equal to or greater than 1 milligram of lead per square centimeter (mg/cm<sup>2</sup>) in the dried film is defined as lead-bearing. A visual assessment is done of every coated surface. The condition of the coating (typically paint) is placed into one of two categories using the risk assessor's professional judgment. These categories are **Intact** or **Deteriorated**. The type of deterioration (e.g., impact, friction, peeling, chipping, cracking, chewed) may also be noted for surfaces in deteriorated condition. The size of area of deteriorated paint need not be measured but simply estimated. The risk assessor then makes an appropriate recommendation to correct the deterioration using interim control measures (temporary), or abatement control measures (permanent).

This report has been produced in accordance with accepted guidelines and methodologies. Measurements within this report are accurate to the best of my knowledge and reflect conditions at the time of the assessment.

Risk Assessor: \_\_\_\_\_



Signature

Date: 11/29/2023

# APPENDIX A: XRF Performance Characteristic Sheet

SciAps X-550 PCS February 2022

Action Level: 1.0 mg/cm<sup>2</sup>

## Performance Characteristic Sheet

**EFFECTIVE DATE:** February 1, 2022

**MANUFACTURER AND MODEL:**

Make: **SciAps**  
Models: **Model X-550**  
X-Ray Source: **Rhodium (Rh) or Gold (Au) Anode**

## FIELD OPERATION GUIDANCE

**ACTION LEVEL SETTING:**

1.0 mg/cm<sup>2</sup>

**OPERATING PARAMETERS:**

Timed mode: fixed 10-second reading.

Quick mode: variable-time reading (approximately 2-6 seconds).

**XRF CALIBRATION CHECK LIMITS:**

0.8 to 1.2 mg/cm<sup>2</sup> (inclusive) on NIST SRM 2579 (1.02 mg/cm<sup>2</sup>)/NIST SRM 2573, or equivalent

**SUBSTRATE CORRECTION:**

Not applicable

**INCONCLUSIVE RANGE OR THRESHOLD:**

| <b>Au Anode (quick)</b><br><b>READING DESCRIPTION</b>                            | <b>SUBSTRATE</b> | <b>THRESHOLD (mg/cm<sup>2</sup>)</b> |
|----------------------------------------------------------------------------------|------------------|--------------------------------------|
| Results not corrected for substrate bias on any substrate                        | Brick            | 1.0                                  |
|                                                                                  | Concrete         | 1.0                                  |
|                                                                                  | Drywall          | 1.0                                  |
|                                                                                  | Metal            | 1.0                                  |
|                                                                                  | Plaster          | 1.0                                  |
|                                                                                  | Wood             | 1.0                                  |
| <b>Rh Anode (Timed or Quick), Au Anode (Timed)</b><br><b>READING DESCRIPTION</b> | <b>SUBSTRATE</b> | <b>THRESHOLD (mg/cm<sup>2</sup>)</b> |
| Results not corrected for substrate bias on any substrate                        | Brick            | 0.9                                  |
|                                                                                  | Concrete         | 0.9                                  |
|                                                                                  | Drywall          | 0.9                                  |
|                                                                                  | Metal            | 0.9                                  |
|                                                                                  | Plaster          | 0.9                                  |
|                                                                                  | Wood             | 0.9                                  |

## BACKGROUND INFORMATION

### EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Edition ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in February 2022, with two separate instruments of each Anode type, operated in both Timed and Quick modes.

### OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

### XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm<sup>2</sup> in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm<sup>2</sup> film; for NIST SRM 2579a, use film 2573 (1.04 mg/cm<sup>2</sup>)).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

### EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. In single-family and multifamily housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this

procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

**TESTING TIMES:**

The reading time in Archive tests was 10 seconds in Timed mode and from 2-6 seconds in Quick mode, for both the Rh Anode and Au Anode.

**CLASSIFICATION OF RESULTS:**

XRF results for the Au Anode in Quick mode are classified as **positive** if they are **greater than or equal** to 1.0 mg/cm<sup>2</sup> and **negative** if they are **less than** to 1.0 mg/cm<sup>2</sup>. XRF results for the Au Anode in Timed mode and for the Rh Anode in Timed or Quick mode are classified as **positive** if they are **greater than or equal** to 0.9 mg/cm<sup>2</sup> and **negative** if they are **less than** to 0.9 mg/cm<sup>2</sup>.

**DOCUMENTATION:**

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to develop Performance Characteristic Sheets at the Federal standard (Action Level) of 1.0 mg/cm<sup>2</sup> and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at <http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997>.

# APPENDIX B: Laboratory Analysis Report



30105 Beverly Road  
Romulus, MI 48174  
Ph: 734-629-8161; Fax: 734-629-8431

## Certificate of Analysis: Lead In Dust Wipe by EPA Method 7000B/NIOSH 7082\*

**Client :** City of Racine Public Health Department  
730 Washington Ave. City Hall Rm 1  
Racine, WI 53403

**Attn :** Ciara Rahn **Email :** Ciara.Rahn@cityofracine.org  
**Phone :** 262-636-9538 **Fax :**

**Client Project :** 23-1721

**Project Location :** 1721 GENEVA ST

**AAT Project :** 972196

**Sampling Date :** 11/13/2023

**Date Received :** 11/14/2023

**Date Analyzed :** 11/14/2023

**Date Reported :** 11/14/2023

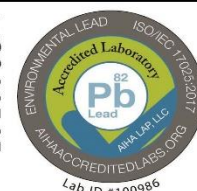
| Lab Sample ID | Client Code | Sample Description | Length (inch) | Width (inch) | Area (Sq ft) | Results Lead µg/ft² * |
|---------------|-------------|--------------------|---------------|--------------|--------------|-----------------------|
| 8935317       | 1721-1      | BEDRM A F          | 12            | 12           | 1.00         | <5.00                 |
| 8935318       | 1721-2      | BEDRM A WS         | 26.75         | 3.5          | 0.65         | 2430 ←FAIL            |
| 8935319       | 1721-3      | BEDRM B F          | 12            | 12           | 1.00         | 5.35                  |
| 8935320       | 1721-4      | BEDRM B WS         | 28.875        | 3.5          | 0.70         | 643 ←FAIL             |
| 8935321       | 1721-5      | BEDRM C F          | 12            | 12           | 1.00         | 6.57                  |
| 8935322       | 1721-6      | BEDRM C WS         | 26.75         | 3.5          | 0.65         | 7240 ←FAIL            |
| 8935323       | 1721-7      | BEDRM D F          | 12            | 12           | 1.00         | <5.00                 |
| 8935324       | 1721-8      | BEDRM D WS         | 27            | 3.625        | 0.68         | 1480 ←FAIL            |
| 8935325       | 1721-9      | ENTRY F            | 12            | 12           | 1.00         | <5.00 ←BLANK          |
| 8935326       | 1721-10     | BATH UPR F         | 12            | 12           | 1.00         | <5.00                 |
| 8935327       | 1721-11     | BATH UPR F         | 12            | 12           | 1.00         | <5.00 ←TUB            |
| 8935328       | 1721-12     | BATH LWR F         | 12            | 10.625       | 0.89         | <5.65                 |
| 8935329       | 1721-13     | HALL F             | 12            | 12           | 1.00         | <5.00                 |
| 8935330       | 1721-14     | LIVING RM F        | 12            | 12           | 1.00         | <5.00                 |
| 8935331       | 1721-15     | LIVING RM WS       | 26.875        | 3.625        | 0.68         | 7000 ←FAIL            |
| 8935332       | 1721-16     | DINING RM F        | 12            | 12           | 1.00         | 6.04                  |
| 8935333       | 1721-17     | DINING RM WS       | 25            | 3.625        | 0.63         | 519 ←FAIL             |
| 8935334       | 1721-18     | KITCHEN F          | 12            | 12           | 1.00         | 11.3 ←FAIL            |

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (3) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. EPA Regulatory Limits: 10 ug/ft² (Floors, Carpeted/Uncarpeted), 100 ug/ft² (Window Sill/Stools), 400 ug/ft² (Window Trough/Well/Ext Concrete Surfaces). HUD Grantee Regulatory Limits: 10 ug/ft² (Interior Floors), 40 ug/ft² (Porch Floors), 100 ug/ft² (Window Sills), 100 ug/ft² (Window Troughs). The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. All Quality Control requirements for the samples this report contains have been met. AAT does not blank correct reported values. Sample data apply only to items analyzed. Results are calculated with wipe dimensions supplied by client. Reproduction of this document other than in its entirety is not authorized by AAT, LLC. \* = Validated modified method. Samples are stored for 15 days following report date.

AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 11/14/2023

AAT Project: 972196

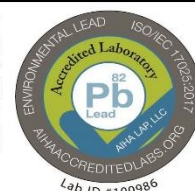


| Lab Sample ID | Client Code | Sample Description | Length (inch) | Width (inch) | Area (Sq ft) | Results Lead $\mu\text{g}/\text{ft}^2$ * |
|---------------|-------------|--------------------|---------------|--------------|--------------|------------------------------------------|
| 8935335       | 1721-19     | KITCHEN WS         | 29            | 3.625        | 0.73         | 68.0                                     |
| 8935336       | 1721-20     | BACK ENTRY F       | 12            | 12           | 1.00         | 130 ←FAIL                                |
| 8935337       | 1721-21     | PORCH F            | 12.5          | 13           | 1.13         | 123 ←FAIL                                |
| 8935338       | 1721-22     | PORCH WS           | 27            | 3.125        | 0.59         | 50000 ←FAIL                              |
| 8935339       | 1721-23     | HALL WS            | 27            | 3.375        | 0.63         | 1330 ←FAIL                               |
| 8935340       | 1721-24     | BEDRM LWR F        | 12            | 12           | 1.00         | <5.00                                    |
| 8935341       | 1721-25     | BEDRM LWR WS       | 29            | 3.375        | 0.68         | 490 ←FAIL                                |

Analyst Signature

Nathan Ditty

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (3) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. EPA Regulatory Limits: 10 ug/ft<sup>2</sup> (Floors, Carpeted/Uncarpeted), 100 ug/ft<sup>2</sup> (Window Sill/Stools), 400 ug/ft<sup>2</sup> (Window Trough/Well/Ext Concrete Surfaces). HUD Grantee Regulatory Limits: 10 ug/ft<sup>2</sup> (Interior Floors), 40 ug/ft<sup>2</sup> (Porch Floors), 100 ug/ft<sup>2</sup> (Window Sills), 100 ug/ft<sup>2</sup> (Window Troughs). The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. All Quality Control requirements for the samples this report contains have been met. AAT does not blank correct reported values. Sample data apply only to items analyzed. Results are calculated with wipe dimensions supplied by client. Reproduction of this document other than in its entirety is not authorized by AAT, LLC. \* = Validated modified method. Samples are stored for 15 days following report date.



AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 11/14/2023

AAT Project: 972196

Page 2 of 4



30105 Beverly Road  
Romulus, MI 48174  
Ph: 734-629-8161; Fax: 734-629-8431

To : City of Racine Public Health Department  
730 Washington Ave. City Hall Rm 1  
Racine, WI 53403

Attn : Ciara Rahn

Email : Ciara.Rahn@cityofracine.org

Phone : 262-636-9538

AAT Project : 972196

Client Project : 23-1721

Date Reported : 11/14/2023

Project Location : 1721 GENEVA ST

| Sample  | Client Code | Analysis Requested | Completed  | Analyst      |
|---------|-------------|--------------------|------------|--------------|
| 8935317 | 1721-1      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935318 | 1721-2      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935319 | 1721-3      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935320 | 1721-4      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935321 | 1721-5      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935322 | 1721-6      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935323 | 1721-7      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935324 | 1721-8      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935325 | 1721-9      | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935326 | 1721-10     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935327 | 1721-11     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935328 | 1721-12     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935329 | 1721-13     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935330 | 1721-14     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935331 | 1721-15     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935332 | 1721-16     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935333 | 1721-17     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935334 | 1721-18     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935335 | 1721-19     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935336 | 1721-20     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935337 | 1721-21     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935338 | 1721-22     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935339 | 1721-23     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935340 | 1721-24     | Dust Wipe          | 11/14/2023 | Nathan Ditty |
| 8935341 | 1721-25     | Dust Wipe          | 11/14/2023 | Nathan Ditty |

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AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID #10042

Date Printed: 11/14/2023 1:40PM

AAT Project: 972196

| Sample | Client Code | Analysis Requested | Completed | Analyst |
|--------|-------------|--------------------|-----------|---------|
|--------|-------------|--------------------|-----------|---------|

*Elyse Bidle*

Reviewed By

Elyse Bidle  
Quality Assurance Coordinator

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AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 11/14/2023 1:40PM

AAT Project: 972196

Page 4 of 4



30105 Beverly Road  
Romulus, MI 48174  
Ph: 734-629-8161; Fax: 734-629-8431

### Certificate of Analysis: Lead In Soil by EPA SW-846 7000B and 3050B Method\*

Client : City of Racine Public Health Department  
730 Washington Ave. City Hall Rm 1  
Racine, WI 53403

Attn : Ciara Rahn Email : Ciara.Rahn@cityofracine.org  
Phone : 262-636-9538 Fax :

Client Project : 23-1721

Project Location : 1721 GENEVA ST

AAT Project : 972197

Sampling Date : 11/13/2023

Date Received : 11/14/2023

Date Analyzed : 11/14/2023

Date Reported : 11/14/2023

| Lab Sample ID | Client Code | Sample Description | Results Lead<br>µg/g (PPM) | Calculated RL<br>µg/g * |
|---------------|-------------|--------------------|----------------------------|-------------------------|
| 8935342       | 1721-A      | SIDE A DRIPLINE    | 4500                       | 10.6 ←FAIL              |
| 8935343       | 1721-B      | SIDE B DRIPLINE    | 5180                       | 10.2 ←FAIL              |

Analyst Signature

Richard Laugal

\*RL= Reporting Limit \* For true values assume (3) significant figures. The method and batch QC are acceptable unless otherwise stated. Current EPA/HUD Interim Standard for soil samples are: 400 PPM (parts per million) for play area's, 1200 PPM for building Perimeters and 1000 PPM for California Building Perimeters. AAT internal sop S204. The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. Reproduction of this document other than in its entirety is not permitted. AAT does not blank correct reported values. Sample data apply only to items analyzed. Samples are stored for 15 days following report date. \* = Validated modified method

AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 11/14/2023 2:55PM

AAT Project: 972197





30105 Beverly Road  
Romulus, MI 48174  
Ph: 734-629-8161; Fax: 734-629-8431

To : City of Racine Public Health Department  
730 Washington Ave. City Hall Rm 1  
Racine, WI 53403

Attn : Ciara Rahn

Email : Ciara.Rahn@cityofracine.org

Phone : 262-636-9538

Project Location : 1721 GENEVA ST

AAT Project : 972197

Client Project : 23-1721

Date Reported : 11/14/2023

| Sample  | Client Code | Analysis Requested | Completed  | Analyst        |
|---------|-------------|--------------------|------------|----------------|
| 8935342 | 1721-A      | Lead Soil          | 11/14/2023 | Richard Laugal |
| 8935343 | 1721-B      | Lead Soil          | 11/14/2023 | Richard Laugal |

Reviewed By

Elyse Bidle  
Quality Assurance Coordinator

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NY State DOH ELAP -Lab ID #11864, Michigan State Lab # 9996

Date Printed: 11/14/2023 2:55PM

AAT Project: 972197

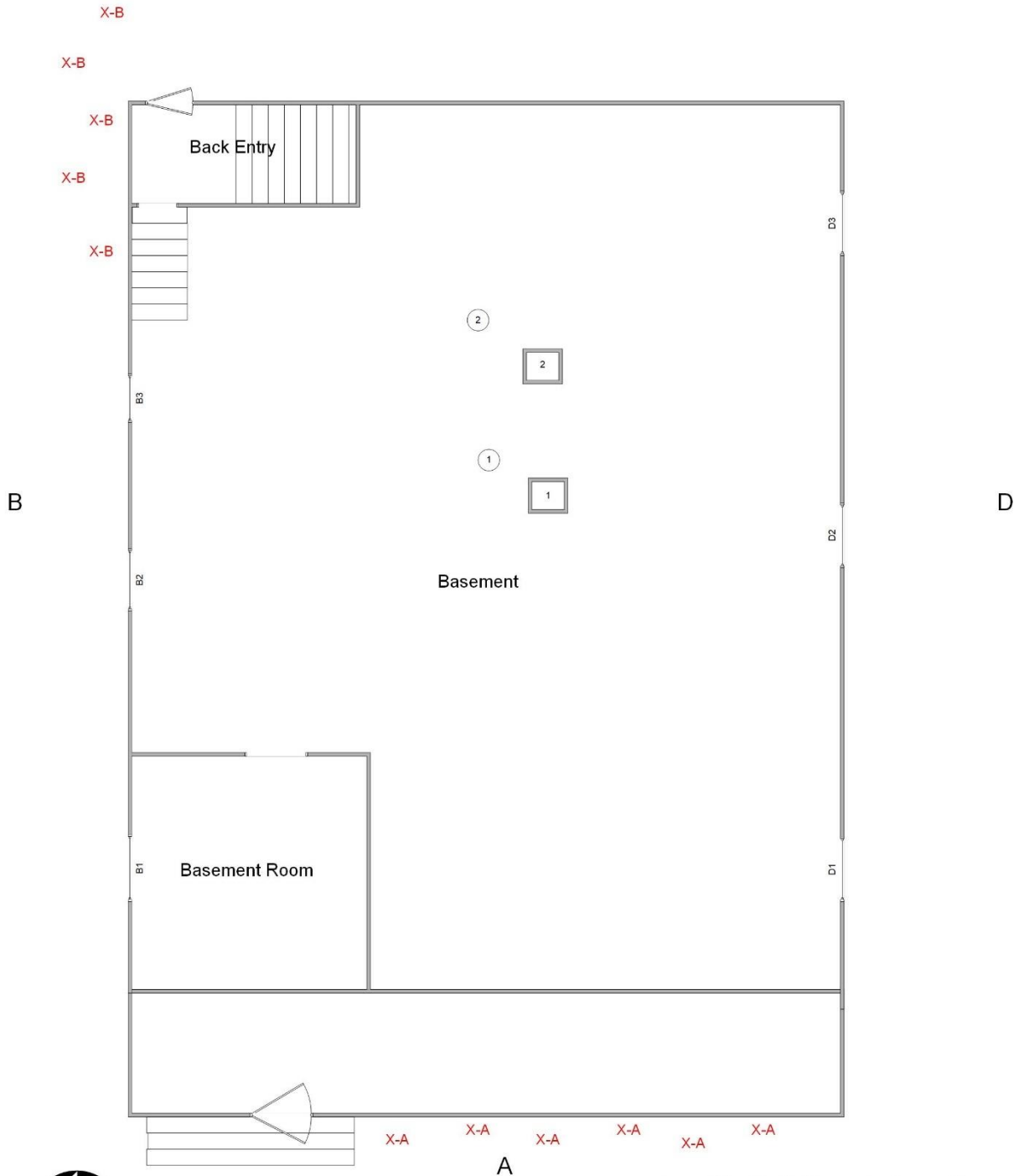
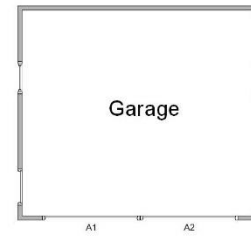
Page 2 of 2

## APPENDIX C: Floor Plan

1721 Geneva St

Basement/Exterior

C



Note: Floor Plan not drawn to scale

Lead in Soil Sample Locations

X: Bare Soil

Geneva St

# 1721 Geneva St

First Floor

C



Note: Floor Plan not drawn to scale

## Lead in Dust Sample Locations

F: Floor Sample

S: Window Sill Sample

Geneva St

# 1721 Geneva St

Second Floor

C



Note: Floor Plan not drawn to scale

A

## Lead in Dust Sample Locations

F: Floor Sample

S: Window Sill Sample

Tub: Tub Sample

Geneva St

## APPENDIX D: Pictures



Basement Window Sash, Casing



Basement Window Sash



Window Sash  
Kitchen



Window Sash  
Hallway



Window Sash  
Bedroom A Closet



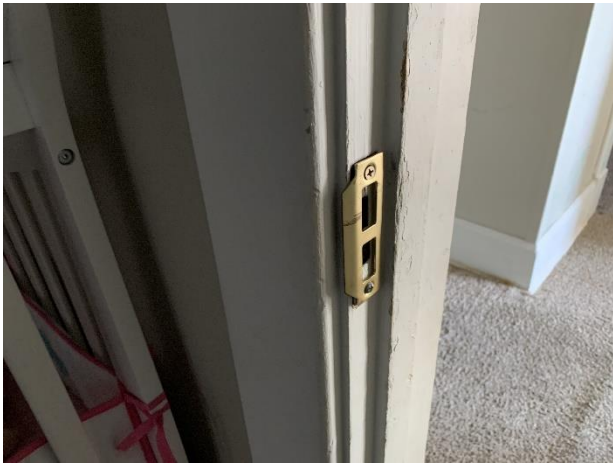
Window Sash  
Bedroom A



Window Sill, Sash  
Bedroom D



Window Sill  
Front Porch



Door Stop  
Bedroom A/Hallway



Door Stop  
Front Porch/Living Room



Door Stop  
Front Porch



Door Jamb  
Lower Bathroom



Door Casing  
Upper Bathroom



Wall  
Dining Room Side A



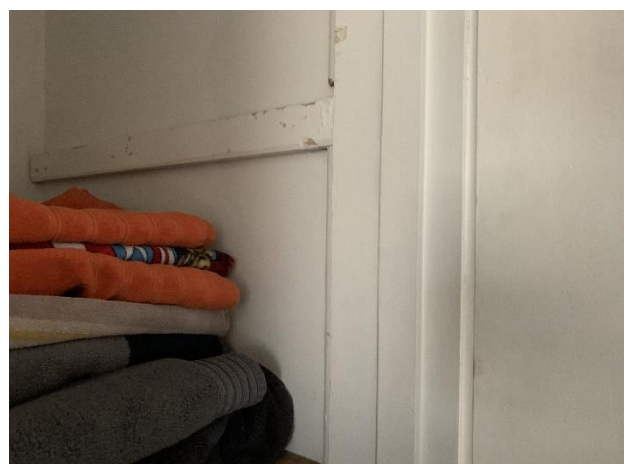
Wall  
Kitchen Side C



Ceiling  
Bedroom D Closet



Milkbox Door – Interior  
Back Entry



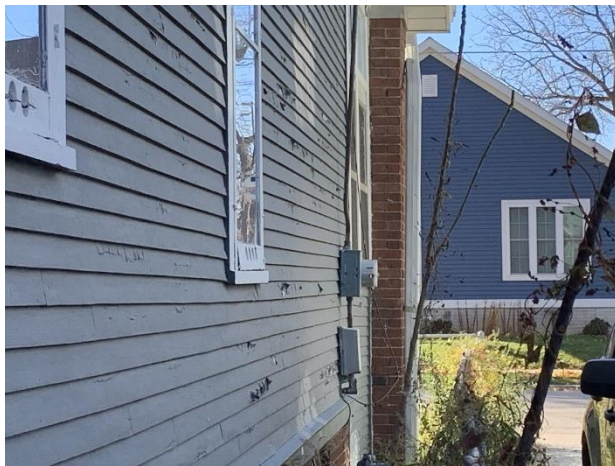
Closet Brackets  
Hallway Closet



Baseboard  
Hallway Side D



Floor  
Front Porch



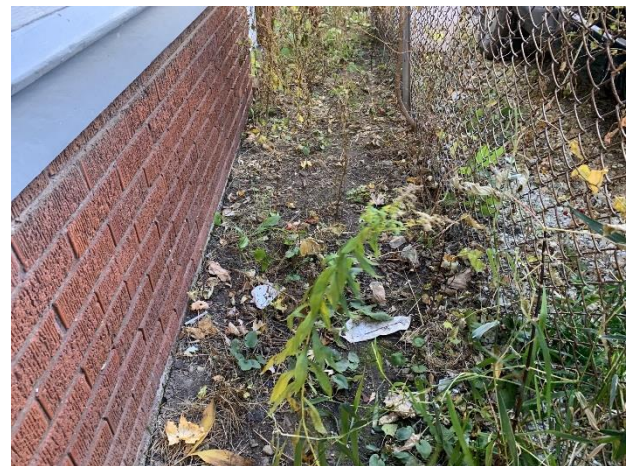
Siding  
Exterior Side B



Basement Window D1



Porch Beams



Bare Soil Side B