Lead Inspection & Risk Assessment Report

FOR THE PROPERTY AT:

4825 Sturtevant
Detroit, MI 48204
1925

Prepared For:

OCCUPANT
Roy Wright
313-350-0253

OWNER
Roy Wright
4825 Sturtevant
Detroit, MI 48204
313-933-3826

Date of Inspection: 05/27/2021

Date of Report 06/01/2021

Report Prepared and Submitted By:

Donnez Hemphill
Michigan Certification P-05920
XRF Serial Number: 2252/2508

GS GROUP, LLC
17800 Woodward Ave., Suite 200
Detroit, MI 48203
313-279-0449

On behalf of:

City of Detroit Housing & Revitalization Department
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 908
Detroit, MI 48226

TABLE OF CONTENTS

Purpose of Environmental Investigation

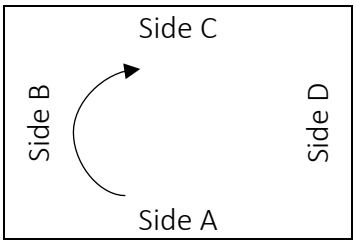
The purpose of this report is to share lead-testing results. *Please refer to Appendix C-3 for your future responsibilities as they relate to this report.* Use the "Key Definitions" below as a guide when reading the results. **Floor plan maps are provided in Appendix B-3 – use these as a guide when reading the results.** See Appendix C for information about lead hazards and abatement versus interim control options.

KEY DEFINITIONS

Component: The surface tested.
Examples: door, door trim, wall, ceiling, exterior siding, etc.

Substrate: The type of material.
Examples: plaster, wood, metal

Side: The location of tested area or item. Side A is always the address side of the building. Sides B, C, and D move in a clockwise direction from Side A.



(Address Side)

Condition: The condition of the paint on the surface tested.
Intact means undamaged, or in one piece.
Deteriorated means damaged, worn, or in bad shape.

Color: The color of the surface tested.

Floor: The floor of the building.
Basements identified are "Floor 0."

Room: The room testing occurred. Rooms are identified by a number because room usage may change (i.e., a bedroom may become an office). Kitchens and bathrooms are not numbered.

Result: Indicates if tested. Positive or negative result for lead shared.

Teeth: Indicates if teeth marks are present.

Fric-Imp: Friction-Impact occurs when two components rub or come into contact repeatedly.

Lead Testing

RESULTS & RECOMMENDATIONS

The table below details all of the lead-hazards found in your home.

TABLE 1: ALL LEAD-HAZARDS				
COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Living Room Window Trough1 (Dust)	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen Window Trough1 (Dust)	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 1 Floor (Dust)	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 1	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Window Trough1 (Dust)			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 2 Window Sill (Dust)	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen Ceiling	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen Wall B Window 1 Sash & Jamb	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall B Window 2 Casing & Sash			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen Wall A & D Door Casing & Jamb	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen Wall C Door Casing	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen Wall C Cabinet Ceiling	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Kitchen	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall C Cabinet Bwall			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Nook Ceiling	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Nook Wall B	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Nook Wall C Window Sash	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Nook	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall B & D Door Casing			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Dining Room Crown Moulding	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Dining Room Wall B Door Casing & Jamb	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Dining Room Wall C Window 1 Sash	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Dining Room	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall C Window 2 Mullion			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Dining Room Wall D Window Sill	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Living Room Wall D	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 1 Ceiling	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 1	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Ceiling			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 1 Wall D Door Stile	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 1 Wall B Window Sash	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 1 Crown Moulding	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 1	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall B Door 1 Casing & Jamb			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 1 Wall B Door 2 Casing	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 1 Wall C Window Casing	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 1 Wall D Window Casing & Sash	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 2	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall D Window 1 Stop			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 3 Wall B Window Sash & Casing	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bedroom 3 Wall A Window Stop	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 2 Wall B	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 2	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall B Chair Rail			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 2 Wall B, C & D	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 2 Wall C Window 1 Casing & Sash	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 2 Wall C Window 2 Mullion & Sash	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 2	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall A Door Casing & Jamb			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 Trim	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 Baseboard	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 Wall B & D	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall D Door Jamb & Stop			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 Wall B Door Casing & Panel	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 Wall C Stringer, Baluster & Newel Post	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 (Basement) Wall B Door Panel	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 (Basement)	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall D Door Panel & Stop			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Stairwell 3 (Basement) Wall A Door Panel & Jamb	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Basement Wall A	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Basement Window Components	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Mechanical Room (Basement)	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Window Components			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Storage (Basement) Wall A Shelf	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Storage (Basement) Wall B Window Casing & Jamb	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 3 (Basement) Wall A & B	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Bathroom 3 (Basement)	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall A Door Panel			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior Window Components	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior Door Components	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior Wall A Porch Columns	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall C Porch Floor			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior Wall C Stair Riser & Tread	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior Wall C Conductor Boot	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior Wall B Chute & Coal Chute	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Exterior	1	1		

COMPONENT & LOCATION OF HAZARD	SEVERITY*	PRIORITY**	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Wall C Chute & Casing			1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Garage (Exterior) Wall A, B, C & D	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Garage (Exterior) Wall B & D Trim	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.
Garage (Exterior) Window Components	1	1	1) Enclose all lead painted surfaces or 2) replace individual lead painted components or 3) strip all surfaces bare to the substrate (either chemically or using mechanical wet methods), stabilize surfaces, and paint.	Wet scrape/sand all surfaces, make necessary repairs, stabilize all surfaces and re-paint or perform lead cleaning.

** Severity: 1 = most severe; 2 = very severe; 3 = somewhat severe*

***Priority: 1 = high priority; 2 = medium priority; 3 = low priority*

RESULTS OF TESTED SURFACES

The following tables detail levels of lead found in paint, dust, and soil on your property.

Positive Lead-Paint Results

All paint testing results in Appendix D.

TABLE 2: POSITIVE LEAD-PAINT RESULTS

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
7	Single Family	1st Floor	Entry Hall	1	N/A	Ceiling	Ceiling	Plaster	White	Intact	None	NA	NA	NA	1.3	1	Positive
9	Single Family	1st Floor	Entry Hall	1	B	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.3	1	Positive
11	Single Family	1st Floor	Entry Hall	1	D	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.1	1	Positive
19	Single Family	1st Floor	Den	2	A	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.2	1	Positive
20	Single Family	1st Floor	Den	2	B	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.2	1	Positive
22	Single Family	1st Floor	Den	2	C	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.2	1	Positive
23	Single Family	1st Floor	Den	2	D	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.1	1	Positive
34	Single Family	1st Floor	Kitchen	3	N/A	Ceiling	Ceiling	Plaster	Olive	Deteriorated	Moisture	NA	NA	NA	1.2	1	Positive
35	Single Family	1st Floor	Kitchen	3	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
36	Single Family	1st Floor	Kitchen	3	B	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.3	1	Positive
37	Single Family	1st Floor	Kitchen	3	C	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.1	1	Positive
44	Single Family	1st Floor	Kitchen	3	B	Window1	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.3	1	Positive
45	Single Family	1st Floor	Kitchen	3	B	Window1	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	3	1	Positive
46	Single Family	1st Floor	Kitchen	3	B	Window2	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.4	1	Positive
47	Single Family	1st Floor	Kitchen	3	B	Window2	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.1	1	Positive
48	Single Family	1st Floor	Kitchen	3	A	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.3	1	Positive
49	Single Family	1st Floor	Kitchen	3	A	Door	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.2	1	Positive
50	Single Family	1st Floor	Kitchen	3	C	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.6	1	Positive
52	Single Family	1st Floor	Kitchen	3	D	Door	Casing	Wood	White	Intact	None	NA	NA	NA	4.6	1	Positive
53	Single Family	1st Floor	Kitchen	3	D	Door	Jamb	Wood	White	Intact	None	NA	NA	NA	2.2	1	Positive
54	Single Family	1st Floor	Kitchen	3	C	Cabinet	Ceiling	Plaster	Tan	Deteriorated	Substrate	NA	NA	NA	2	1	Positive
55	Single Family	1st Floor	Kitchen	3	C	Cabinet	B Wall	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	1.9	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
56	Single Family	1st Floor	Kitchen	3	C	Cabinet	B Wall	Wood	Tan	Intact	None	NA	NA	NA	1.9	1	Positive
57	Single Family	1st Floor	Kitchen	3	C	Cabinet	D Wall	Plaster	Tan	Intact	None	NA	NA	NA	1.5	1	Positive
60	Single Family	1st Floor	Nook	4	N/A	Ceiling	Ceiling	Plaster	Olive	Deteriorated	Moisture	NA	NA	NA	1.3	1	Positive
61	Single Family	1st Floor	Nook	4	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1	1	Positive
62	Single Family	1st Floor	Nook	4	B	Wall	Wall	Plaster	Olive	Deteriorated	Moisture	NA	NA	NA	1	1	Positive
63	Single Family	1st Floor	Nook	4	C	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.1	1	Positive
66	Single Family	1st Floor	Nook	4	D	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.3	1	Positive
68	Single Family	1st Floor	Nook	4	C	Window	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.8	1	Positive
70	Single Family	1st Floor	Nook	4	D	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.2	1	Positive
71	Single Family	1st Floor	Nook	4	B	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
72	Single Family	1st Floor	Nook	4	B	Door	Stop	Wood	White	Intact	None	NA	NA	NA	2	1	Positive
77	Single Family	1st Floor	Dining Room	5	N/A	Wall	Crown Molding	Wood	Light Gray	Deteriorated	Moisture	NA	NA	NA	1.1	1	Positive
90	Single Family	1st Floor	Dining Room	5	B	Door	Casing	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
91	Single Family	1st Floor	Dining Room	5	B	Door	Jamb	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	2.8	1	Positive
92	Single Family	1st Floor	Dining Room	5	C	Window1	Sash	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	3.2	1	Positive
94	Single Family	1st Floor	Dining Room	5	C	Window2	Mullion	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	3.1	1	Positive
95	Single Family	1st Floor	Dining Room	5	C	Window2	Apron	Wood	Off White	Intact	None	NA	NA	NA	2.7	1	Positive
96	Single Family	1st Floor	Dining Room	5	D	Window	Sill	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	2.6	1	Positive
99	Single Family	1st Floor	Living Room	6	N/A	Wall	Crown Molding	Wood	Light Gray	Intact	None	NA	NA	NA	1.6	1	Positive
103	Single Family	1st Floor	Living Room	6	D	Wall	Wall	Plaster	Off White	Deteriorated	Substrate	NA	NA	NA	1.3	1	Positive
129	Single Family	1st Floor	Stairwell1	7	N/A	Ceiling	Ceiling	Plaster	White	Deteriorated	Substrate	NA	NA	NA	1.1	1	Positive
143	Single Family	2nd Floor	Bathroom1	8	N/A	Ceiling	Ceiling	Plaster	White	Deteriorated	Moisture	NA	NA	NA	3.6	1	Positive
144	Single Family	2nd Floor	Bathroom1	8	D	Ceiling	Crown Molding	Wood	White	Intact	None	NA	NA	NA	2.7	1	Positive
145	Single Family	2nd Floor	Bathroom1	8	D	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.9	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
146	Single Family	2nd Floor	Bathroom1	8	D	Door	Stile	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.9	1	Positive
147	Single Family	2nd Floor	Bathroom1	8	B	Window	Stop	Wood	White	Intact	None	NA	NA	NA	2.2	1	Positive
148	Single Family	2nd Floor	Bathroom1	8	B	Window	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.8	1	Positive
151	Single Family	2nd Floor	Bedroom1	9	N/A	Ceiling	Crown Molding	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
156	Single Family	2nd Floor	Bedroom1	9	A	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
157	Single Family	2nd Floor	Bedroom1	9	A	Door	Casing	Wood	White	Intact	None	NA	NA	NA	4.3	1	Positive
159	Single Family	2nd Floor	Bedroom1	9	B	Door1	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	4.3	1	Positive
160	Single Family	2nd Floor	Bedroom1	9	B	Door1	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	3.5	1	Positive
161	Single Family	2nd Floor	Bedroom1	9	B	Door2	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	4.2	1	Positive
163	Single Family	2nd Floor	Bedroom1	9	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
165	Single Family	2nd Floor	Bedroom1	9	C	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	4.5	1	Positive
166	Single Family	2nd Floor	Bedroom1	9	C	Window	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
168	Single Family	2nd Floor	Bedroom1	9	D	Window	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.8	1	Positive
169	Single Family	2nd Floor	Bedroom1	9	D	Window	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	3	1	Positive
176	Single Family	2nd Floor	Bedroom1	9	A	Closet	Shelf	Wood	Beige	Intact	None	NA	NA	NA	3.9	1	Positive
179	Single Family	2nd Floor	Bedroom2	10	N/A	Ceiling	Crown Molding	Wood	White	Intact	Substrate	NA	NA	NA	3.5	1	Positive
184	Single Family	2nd Floor	Bedroom2	10	D	Wall	Baseboard	Wood	White	Intact	Substrate	NA	NA	NA	4	1	Positive
185	Single Family	2nd Floor	Bedroom2	10	D	Window1	Casing	Wood	White	Intact	None	NA	NA	NA	2.5	1	Positive
186	Single Family	2nd Floor	Bedroom2	10	D	Window1	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
187	Single Family	2nd Floor	Bedroom2	10	D	Window2	Stop	Wood	White	Intact	None	NA	NA	NA	2.4	1	Positive
189	Single Family	2nd Floor	Bedroom2	10	A	Window	Casing	Wood	White	Intact	None	NA	NA	NA	3.6	1	Positive
190	Single Family	2nd Floor	Bedroom2	10	A	Window	Apron	Wood	White	Intact	None	NA	NA	NA	3.1	1	Positive
192	Single Family	2nd Floor	Bedroom2	10	B	Door1	Casing	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
193	Single Family	2nd Floor	Bedroom2	10	B	Door1	Jamb	Wood	Beige	Intact	None	NA	NA	NA	4	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
194	Single Family	2nd Floor	Bedroom2	10	B	Door2	Casing	Wood	White	Intact	None	NA	NA	NA	3	1	Positive
196	Single Family	2nd Floor	Bedroom2	10	B	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.3	1	Positive
197	Single Family	2nd Floor	Bedroom2	10	B	Door	Jamb	Wood	Beige	Intact	None	NA	NA	NA	4.3	1	Positive
203	Single Family	2nd Floor	Bedroom2	10	C	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	4.5	1	Positive
210	Single Family	2nd Floor	Bedroom2	10	B	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	4.1	1	Positive
211	Single Family	2nd Floor	Bedroom2	10	B	Closet	Shelf	Wood	Beige	Intact	None	NA	NA	NA	4.8	1	Positive
218	Single Family	2nd Floor	Bedroom3	11	D	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	3.2	1	Positive
219	Single Family	2nd Floor	Bedroom3	11	D	Door	Stop	Wood	White	Intact	None	NA	NA	NA	2.9	1	Positive
222	Single Family	2nd Floor	Bedroom3	11	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	2.3	1	Positive
223	Single Family	2nd Floor	Bedroom3	11	B	Window	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.8	1	Positive
224	Single Family	2nd Floor	Bedroom3	11	B	Window	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
225	Single Family	2nd Floor	Bedroom3	11	A	Window	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
233	Single Family	2nd Floor	Bedroom3	11	D	Closet	Shelf	Wood	White	Intact	None	NA	NA	NA	6.6	1	Positive
254	Single Family	2nd Floor	Hallway	12	C	Cabinet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	2.1	1	Positive
255	Single Family	2nd Floor	Hallway	12	C	Cabinet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	2.2	1	Positive
256	Single Family	2nd Floor	Hallway	12	C	Cabinet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
257	Single Family	2nd Floor	Hallway	12	C	Closet	Ceiling	Plaster	Beige	Intact	None	NA	NA	NA	1.4	1	Positive
258	Single Family	2nd Floor	Hallway	12	C	Closet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
259	Single Family	2nd Floor	Hallway	12	C	Closet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.6	1	Positive
260	Single Family	2nd Floor	Hallway	12	C	Closet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.4	1	Positive
261	Single Family	2nd Floor	Hallway	12	C	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
280	Single Family	3rd Floor	Bathroom2	14	N/A	Ceiling	Ceiling	Drywall	White	Intact	None	NA	NA	NA	2.1	1	Positive
281	Single Family	3rd Floor	Bathroom2	14	N/A	Ceiling	Crown Molding	Drywall	White	Intact	None	NA	NA	NA	2.1	1	Positive
282	Single Family	3rd Floor	Bathroom2	14	A	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	2.1	1	Positive
283	Single Family	3rd Floor	Bathroom2	14	A	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	1.6	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
284	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Green	Deteriorated	Moisture	NA	NA	NA	2	1	Positive
285	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Red	Intact	None	NA	NA	NA	1.5	1	Positive
286	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	1.2	1	Positive
287	Single Family	3rd Floor	Bathroom2	14	B	Wall	Chair Rail	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
290	Single Family	3rd Floor	Bathroom2	14	C	Wall	Wall	Plaster	Green	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
291	Single Family	3rd Floor	Bathroom2	14	D	Wall	Wall	Plaster	Green	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
292	Single Family	3rd Floor	Bathroom2	14	D	Wall	Wall	Plaster	Red	Intact	None	NA	NA	NA	2.2	1	Positive
293	Single Family	3rd Floor	Bathroom2	14	D	Wall	Wall	Plaster	Gray	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
294	Single Family	3rd Floor	Bathroom2	14	C	Window1	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.2	1	Positive
295	Single Family	3rd Floor	Bathroom2	14	C	Window1	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
296	Single Family	3rd Floor	Bathroom2	14	C	Window2	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.6	1	Positive
297	Single Family	3rd Floor	Bathroom2	14	C	Window2	Mullion	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.6	1	Positive
298	Single Family	3rd Floor	Bathroom2	14	A	Door	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
299	Single Family	3rd Floor	Bathroom2	14	A	Door	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
301	Single Family	3rd Floor	Bathroom2	14	D	Wall	Radiator	Metal	Pink	Intact	None	NA	NA	NA	2	1	Positive
321	Single Family	3rd Floor	Bedroom4	15	B	Radiator	Radiator	Metal	White	Intact	None	NA	NA	NA	3	1	Positive
357	Single Family	1st Floor	Stairwell3	18	N/A	Ceiling	Ceiling	Plaster	Olive	Intact	None	NA	NA	NA	1.2	1	Positive
358	Single Family	1st Floor	Stairwell3	18	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
359	Single Family	1st Floor	Stairwell3	18	A	Wall	Trim	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.2	1	Positive
360	Single Family	1st Floor	Stairwell3	18	A	Wall	Baseboard	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.4	1	Positive
361	Single Family	1st Floor	Stairwell3	18	B	Wall	Wall	Plaster	Olive	Deteriorated	Substrate	NA	NA	NA	1	1	Positive
362	Single Family	1st Floor	Stairwell3	18	B	Wall	Access Panel	Metal	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
363	Single Family	1st Floor	Stairwell3	18	B	Wall	Chute Casing	Metal	Olive	Intact	None	NA	NA	NA	1	1	Positive
365	Single Family	1st Floor	Stairwell3	18	D	Wall	Wall	Plaster	Olive	Deteriorated	Substrate	NA	NA	NA	1.1	1	Positive
366	Single Family	1st Floor	Stairwell3	18	D	Door	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.6	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
367	Single Family	1st Floor	Stairwell3	18	D	Door	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	3	1	Positive
368	Single Family	1st Floor	Stairwell3	18	B	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.5	1	Positive
369	Single Family	1st Floor	Stairwell3	18	B	Door	Panel	Wood	Varnish	Deteriorated	Substrate	NA	NA	NA	1.6	1	Positive
372	Single Family	1st Floor	Stairwell3	18	C	Stair	Stringer	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.3	1	Positive
373	Single Family	1st Floor	Stairwell3	18	C	Stair	Baluster	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.5	1	Positive
375	Single Family	1st Floor	Stairwell3	18	C	Stair	Newel Post	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
376	Single Family	Basement	Stairwell3	18	B	Door	Panel	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
377	Single Family	Basement	Stairwell3	18	D	Door	Panel	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.5	1	Positive
378	Single Family	Basement	Stairwell3	18	D	Door	Stop	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
379	Single Family	Basement	Stairwell3	18	A	Door	Panel	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.3	1	Positive
380	Single Family	Basement	Stairwell3	18	A	Door	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.6	1	Positive
384	Single Family	Basement	Basement	19	A	Wall	Wall	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
386	Single Family	Basement	Basement	19	B	Window1	Casing	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	1.2	1	Positive
387	Single Family	Basement	Basement	19	B	Window1	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	17.6	1	Positive
388	Single Family	Basement	Basement	19	B	Window2	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	15.7	1	Positive
390	Single Family	Basement	Basement	19	C	Window1	Sash	Wood	Green	Deteriorated	Substrate	NA	NA	NA	3.9	1	Positive
391	Single Family	Basement	Basement	19	C	Window2	Casing	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.7	1	Positive
392	Single Family	Basement	Basement	19	C	Window2	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	9.8	1	Positive
393	Single Family	Basement	Basement	19	C	Window3	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	9.8	1	Positive
394	Single Family	Basement	Basement	19	C	Window3	Casing	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.9	1	Positive
397	Single Family	Basement	Mechanical Room	20	D	Window1	Casing	Wood	Gray	Deteriorated	Moisture	NA	NA	NA	1.7	1	Positive
398	Single Family	Basement	Mechanical Room	20	D	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14	1	Positive
399	Single Family	Basement	Mechanical Room	20	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.2	1	Positive
400	Single Family	Basement	Mechanical Room	20	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
403	Single Family	Basement	Storage	21	A	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	2.1	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
404	Single Family	Basement	Storage	21	A	Wall	Shelf	Wood	Light Gray	Deteriorated	Substrate	NA	NA	NA	1.7	1	Positive
405	Single Family	Basement	Storage	21	C	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	1.9	1	Positive
406	Single Family	Basement	Storage	21	D	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	1.8	1	Positive
407	Single Family	Basement	Storage	21	B	Window	Casing	Wood	Light Gray	Deteriorated	Moisture	NA	NA	NA	1.6	1	Positive
408	Single Family	Basement	Storage	21	B	Window	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.8	1	Positive
409	Single Family	Basement	Bathroom3	22	A	Wall	Wall	Wood	Tan	Intact	None	NA	NA	NA	1.4	1	Positive
410	Single Family	Basement	Bathroom3	22	B	Wall	Wall	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.1	1	Positive
411	Single Family	Basement	Bathroom3	22	C	Window	Casing	Wood	Tan	Intact	None	NA	NA	NA	1.7	1	Positive
413	Single Family	Basement	Bathroom3	22	D	Wall	Wall	Wood	Tan	Intact	None	NA	NA	NA	1.5	1	Positive
415	Single Family	Basement	Bathroom3	22	A	Wall	Wall	Wood	Gray	Deteriorated	Substrate	NA	NA	NA	1	1	Positive
416	Single Family	Basement	Bathroom3	22	A	Door	Panel	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	1.9	1	Positive
419	Single Family	3rd Floor	Exterior	23	D	Window	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.2	1	Positive
420	Single Family	3rd Floor	Exterior	23	D	Window	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.4	1	Positive
422	Single Family	2nd Floor	Exterior	23	A	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
423	Single Family	2nd Floor	Exterior	23	A	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.5	1	Positive
425	Single Family	2nd Floor	Exterior	23	B	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.9	1	Positive
426	Single Family	2nd Floor	Exterior	23	B	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.8	1	Positive
427	Single Family	2nd Floor	Exterior	23	B	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.6	1	Positive
428	Single Family	2nd Floor	Exterior	23	B	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	6.7	1	Positive
429	Single Family	2nd Floor	Exterior	23	C	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1	1	Positive
430	Single Family	2nd Floor	Exterior	23	C	Window3	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14	1	Positive
431	Single Family	2nd Floor	Exterior	23	C	Door	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	15.1	1	Positive
432	Single Family	2nd Floor	Exterior	23	C	Door	Stile	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1	1	Positive
433	Single Family	2nd Floor	Exterior	23	C	Door	Threshold	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.5	1	Positive
434	Single Family	2nd Floor	Exterior	23	A	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.8	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
435	Single Family	2nd Floor	Exterior	23	A	Window1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.1	1	Positive
436	Single Family	2nd Floor	Exterior	23	A	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.2	1	Positive
437	Single Family	2nd Floor	Exterior	23	A	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.4	1	Positive
438	Single Family	1st Floor	Exterior	23	A	Window1	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.9	1	Positive
439	Single Family	1st Floor	Exterior	23	A	Window1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.2	1	Positive
440	Single Family	1st Floor	Exterior	23	A	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.2	1	Positive
441	Single Family	1st Floor	Exterior	23	A	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.9	1	Positive
443	Single Family	1st Floor	Exterior	23	A	Porch	Column 1	Wood	White	Deteriorated	Moisture	NA	NA	NA	3.6	1	Positive
444	Single Family	1st Floor	Exterior	23	A	Porch	Column 2	Wood	White	Deteriorated	Moisture	NA	NA	NA	8.2	1	Positive
445	Single Family	1st Floor	Exterior	23	A	Porch	Column 3	Wood	White	Deteriorated	Moisture	NA	NA	NA	6.1	1	Positive
446	Single Family	1st Floor	Exterior	23	A	Porch	Column 4	Wood	White	Deteriorated	Moisture	NA	NA	NA	6.5	1	Positive
448	Single Family	3rd Floor	Exterior	23	B	Window	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.8	1	Positive
449	Single Family	3rd Floor	Exterior	23	B	Window	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	17.9	1	Positive
450	Single Family	2nd Floor	Exterior	23	B	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	18.2	1	Positive
451	Single Family	2nd Floor	Exterior	23	B	Window1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.4	1	Positive
452	Single Family	2nd Floor	Exterior	23	B	Window2	Casing	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	6.8	1	Positive
453	Single Family	2nd Floor	Exterior	23	B	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
454	Single Family	2nd Floor	Exterior	23	B	Window3	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.2	1	Positive
455	Single Family	2nd Floor	Exterior	23	B	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.9	1	Positive
456	Single Family	1st Floor	Exterior	23	B	Window1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14.4	1	Positive
457	Single Family	1st Floor	Exterior	23	B	Window1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.1	1	Positive
458	Single Family	1st Floor	Exterior	23	B	Window2	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.2	1	Positive
459	Single Family	1st Floor	Exterior	23	B	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.1	1	Positive
460	Single Family	1st Floor	Exterior	23	B	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.3	1	Positive
461	Single Family	1st Floor	Exterior	23	B	Window3	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.1	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
462	Single Family	1st Floor	Exterior	23	B	Window 4	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	9.8	1	Positive
463	Single Family	1st Floor	Exterior	23	B	Window 4	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.1	1	Positive
464	Single Family	1st Floor	Exterior	23	B	Window 5	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.3	1	Positive
465	Single Family	1st Floor	Exterior	23	B	Window 5	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14.1	1	Positive
467	Single Family	2nd Floor	Exterior	23	C	Window	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.7	1	Positive
468	Single Family	2nd Floor	Exterior	23	C	Window	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.2	1	Positive
469	Single Family	1st Floor	Exterior	23	C	Window1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.4	1	Positive
470	Single Family	1st Floor	Exterior	23	C	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.3	1	Positive
471	Single Family	1st Floor	Exterior	23	C	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.1	1	Positive
472	Single Family	1st Floor	Exterior	23	C	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.7	1	Positive
473	Single Family	1st Floor	Exterior	23	C	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.4	1	Positive
474	Single Family	1st Floor	Exterior	23	C	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.8	1	Positive
475	Single Family	1st Floor	Exterior	23	C	Door	Panel	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
476	Single Family	1st Floor	Exterior	23	C	Door	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.3	1	Positive
477	Single Family	1st Floor	Exterior	23	C	Porch	Floor	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
478	Single Family	1st Floor	Exterior	23	C	Stair	Tread	Wood	Yellow	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
479	Single Family	1st Floor	Exterior	23	C	Stair	Riser	Wood	Yellow	Deteriorated	Moisture	NA	NA	NA	4.1	1	Positive
483	Single Family	1st Floor	Exterior	23	C	Door	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.4	1	Positive
485	Single Family	1st Floor	Exterior	23	C	Wall	Conductor Boot	Metal	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
486	Single Family	2nd Floor	Exterior	23	D	Window 1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	4.1	1	Positive
487	Single Family	2nd Floor	Exterior	23	D	Window 1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.8	1	Positive
488	Single Family	2nd Floor	Exterior	23	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.2	1	Positive
489	Single Family	2nd Floor	Exterior	23	D	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.1	1	Positive
490	Single Family	2nd Floor	Exterior	23	D	Window3	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.8	1	Positive
491	Single Family	2nd Floor	Exterior	23	D	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.4	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
492	Single Family	1st Floor	Exterior	23	D	Window 1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	17.2	1	Positive
493	Single Family	1st Floor	Exterior	23	D	Window 1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	9.3	1	Positive
494	Single Family	1st Floor	Exterior	23	D	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.4	1	Positive
495	Single Family	1st Floor	Exterior	23	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.6	1	Positive
496	Single Family	1st Floor	Exterior	23	D	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.7	1	Positive
497	Single Family	1st Floor	Exterior	23	D	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.5	1	Positive
498	Single Family	1st Floor	Exterior	23	D	Window 4	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14.8	1	Positive
499	Single Family	1st Floor	Exterior	23	D	Window 4	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	9.5	1	Positive
500	Single Family	1st Floor	Exterior	23	B	Wall	Chute	Metal	Green	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
501	Single Family	1st Floor	Exterior	23	B	Wall	Coal Chute	Metal	Green	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
504	Single Family	1st Floor	Exterior	23	C	Wall	Chute	Wood	Green	Deteriorated	Moisture	NA	NA	NA	4.8	1	Positive
505	Single Family	1st Floor	Exterior	23	C	Chute	Casing	Wood	Green	Deteriorated	Moisture	NA	NA	NA	2.4	1	Positive
506	Single Family	1st Floor	Garage	24	A	Wall	Wall	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	3.7	1	Positive
514	Single Family	1st Floor	Garage	24	B	Wall	Wall	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	4.1	1	Positive
515	Single Family	1st Floor	Garage	24	B	Window 1	Casing	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	3.8	1	Positive
516	Single Family	1st Floor	Garage	24	B	Window 1	Sash	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	2.2	1	Positive
517	Single Family	1st Floor	Garage	24	B	Window2	Casing	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	3.5	1	Positive
518	Single Family	1st Floor	Garage	24	B	Window2	Sash	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	4.7	1	Positive
519	Single Family	1st Floor	Garage	24	C	Wall	Wall	Wood	Yellow	Deteriorated	Moisture	NA	NA	NA	9.8	1	Positive
520	Single Family	1st Floor	Garage	24	D	Wall	Wall	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	3.4	1	Positive
521	Single Family	1st Floor	Garage	24	D	Wall	Wall	Wood	Green	Deteriorated	Moisture	NA	NA	NA	7.8	1	Positive
522	Single Family	1st Floor	Garage	24	D	Wall	Trim	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
523	Single Family	1st Floor	Garage	24	D	Window 1	Casing	Wood	Green	Deteriorated	Moisture	NA	NA	NA	3.2	1	Positive
524	Single Family	1st Floor	Garage	24	D	Window 1	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
525	Single Family	1st Floor	Garage	24	D	Window2	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	3.6	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULTS
526	Single Family	1st Floor	Garage	24	D	Window2	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
527	Single Family	2nd Floor	Garage	24	D	Window	Jamb	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
528	Single Family	2nd Floor	Garage	24	D	Window	Sill	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
529	Single Family	1st Floor	Garage	24	B	Wall	Trim	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	1.2	1	Positive

**HUD reporting limits for positive XRF results are ≥ 1.0 mg/cm² (milligrams per square centimeter) for painted or glazed surfaces.*

Dust Wipe Sample Results

TABLE 3: DUST WIPE SAMPLE RESULTS

SAMPLE #	ROOM/WIPE LOCATION	SURFACE TESTED HF Hard Floor CF Carpet Floor T Trough S Stool/Sill O Other	LEAD HAZARD?	LAB RESULT (µg/ft²)
1	Living Room	HF	No	<5.00
2	**Living Room**	**T**	**Yes**	**2405.20**
3	Dining Room	HF	No	<5.00
4	Dining Room	S	No	<21.18
5	Kitchen	HF	No	<5.00
6	**Kitchen**	**T**	**Yes**	**2902.46**
7	Bathroom 2	HF	No	6.32
8	Bathroom 2	S	No	<21.18
9	**Bedroom 1**	**HF**	**Yes**	**11.98**
10	**Bedroom 1**	**T**	**Yes**	**1695.98**
11	Bedroom 2	HF	No	8.71
12	**Bedroom 2**	**S**	**Yes**	**1383.80**

SAMPLE #	ROOM/WIPE LOCATION	SURFACE TESTED HF Hard Floor CF Carpet Floor T Trough S Stool/Sill O Other	LEAD HAZARD?	LAB RESULT (µg/ft^2)
13	Front Porch (Exterior)	HF	No	7.04
14	Back Porch (Exterior)	HF	No	11.60
16	Field Blank	N/A	No	<5.00

For all HUD/Medicaid projects lead action levels for dust: Floors = 10 µg/ft^2 (micrograms per square feet); Porches = 40 µg/ft^2; Window stools/interior sills = 100 µg/ft^2; Window troughs = 100 µg/ft^2. BRL = Below Reporting Limits. N/D = Not Detected.

Soil Sample Results

☐ Soil samples not collected due to snow or frozen ground.

☐ Soil samples not collected due to no bare soil present.

If either box above is checked, soil sample results will not be included because soil samples were not taken.

TABLE 4: SOIL SAMPLE RESULTS

SAMPLE #	LOCATION OF BARE SOIL AREA	APPROXIMATE AREA IN SQUARE-FEET (FT^2)	LEAD HAZARD?	LAB RESULT IN PARTS PER MILLION (ppm)
15	Dripline Soil	62 sqft	No	227.50

EPA and HUD lead action levels: Soil – at 1,200 ppm; Child play areas and gardens – at 400 ppm or more. BRL = Below Reporting Limits. N/D = Not Detected.

Other Surface Sample Results

The table below details all surfaces that do not have paint that were tested. Testing these surfaces can help find other sources of lead-exposure. These surfaces are not required to be tested.

TABLE 5: OTHER SURFACE SAMPLE RESULTS N/A

Items listed above were tested using an XRF. The results are limited because the surfaces tested do not comply with the devices testing ability. ***Positive lead results are in bold.*** *These items may be a potential source of lead exposure. [mg/cm^2 = milligrams per square centimeter]*

SURFACES UNABLE TO BE TESTED

A lead investigation requires testing all painted surfaces. Some painted surfaces in your home may be out of reach. These surfaces are not tested. Surfaces out of reach that are not tested are assumed to contain lead-based paint. If the paint looks deteriorated, the surface is assumed a lead-based paint hazard. The table below details all of the untested painted surfaces. It also details why the surface was not tested.

TABLE 6: SURFACES UNABLE TO TEST

ROOM	COMPONENT	REASON NOT TESTED
EXTERIOR (3RD)	WALL C ROOF DORMER WINDOW SASHES & JAMBS (WOOD/BROWN-DETERIORATED)	UNABLE TO REACH

HUD reporting limits for positive XRF results are ≥ 1.0 mg/cm² (milligrams per square centimeter) for painted or glazed surface.

POTENTIAL HAZARDS

Lead can exist in your home and not be a hazard. The table below details all surfaces found to contain lead but are not current hazards. Please make a note of these surfaces and remember to monitor them for changes. Any changes could make the surface a lead-hazard, which will alter severity and priority levels and require lead hazard control options. Refer to Appendix C-3 for ways to monitor.

TABLE 7: POTENTIAL HAZARDS

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
7	Single Family	1st Floor	Entry Hall	1	N/A	Ceiling	Ceiling	Plaster	White	Intact	None	NA	NA	NA	1.3	1	Positive
9	Single Family	1st Floor	Entry Hall	1	B	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.3	1	Positive
11	Single Family	1st Floor	Entry Hall	1	D	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.1	1	Positive
19	Single Family	1st Floor	Den	2	A	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.2	1	Positive
20	Single Family	1st Floor	Den	2	B	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.2	1	Positive
22	Single Family	1st Floor	Den	2	C	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.2	1	Positive
23	Single Family	1st Floor	Den	2	D	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.1	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
35	Single Family	1st Floor	Kitchen	3	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
36	Single Family	1st Floor	Kitchen	3	B	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.3	1	Positive
37	Single Family	1st Floor	Kitchen	3	C	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.1	1	Positive
52	Single Family	1st Floor	Kitchen	3	D	Door	Casing	Wood	White	Intact	None	NA	NA	NA	4.6	1	Positive
53	Single Family	1st Floor	Kitchen	3	D	Door	Jamb	Wood	White	Intact	None	NA	NA	NA	2.2	1	Positive
56	Single Family	1st Floor	Kitchen	3	C	Cabinet	B Wall	Wood	Tan	Intact	None	NA	NA	NA	1.9	1	Positive
57	Single Family	1st Floor	Kitchen	3	C	Cabinet	D Wall	Plaster	Tan	Intact	None	NA	NA	NA	1.5	1	Positive
61	Single Family	1st Floor	Nook	4	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1	1	Positive
63	Single Family	1st Floor	Nook	4	C	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.1	1	Positive
66	Single Family	1st Floor	Nook	4	D	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.3	1	Positive
72	Single Family	1st Floor	Nook	4	B	Door	Stop	Wood	White	Intact	None	NA	NA	NA	2	1	Positive
95	Single Family	1st Floor	Dining Room	5	C	Window2	Apron	Wood	Off White	Intact	None	NA	NA	NA	2.7	1	Positive
99	Single Family	1st Floor	Living Room	6	N/A	Wall	Crown Molding	Wood	Light Gray	Intact	None	NA	NA	NA	1.6	1	Positive
144	Single Family	2nd Floor	Bathroom1	8	D	Ceiling	Crown Molding	Wood	White	Intact	None	NA	NA	NA	2.7	1	Positive
145	Single Family	2nd Floor	Bathroom1	8	D	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.9	1	Positive
147	Single Family	2nd Floor	Bathroom1	8	B	Window	Stop	Wood	White	Intact	None	NA	NA	NA	2.2	1	Positive
156	Single Family	2nd Floor	Bedroom1	9	A	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
157	Single Family	2nd Floor	Bedroom1	9	A	Door	Casing	Wood	White	Intact	None	NA	NA	NA	4.3	1	Positive
163	Single Family	2nd Floor	Bedroom1	9	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
165	Single Family	2nd Floor	Bedroom1	9	C	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	4.5	1	Positive
176	Single Family	2nd Floor	Bedroom1	9	A	Closet	Shelf	Wood	Beige	Intact	None	NA	NA	NA	3.9	1	Positive
179	Single Family	2nd Floor	Bedroom2	10	N/A	Ceiling	Crown Molding	Wood	White	Intact	Substrate	NA	NA	NA	3.5	1	Positive
184	Single Family	2nd Floor	Bedroom2	10	D	Wall	Baseboard	Wood	White	Intact	Substrate	NA	NA	NA	4	1	Positive
185	Single Family	2nd Floor	Bedroom2	10	D	Window1	Casing	Wood	White	Intact	None	NA	NA	NA	2.5	1	Positive
187	Single Family	2nd Floor	Bedroom2	10	D	Window2	Stop	Wood	White	Intact	None	NA	NA	NA	2.4	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
189	Single Family	2nd Floor	Bedroom2	10	A	Window	Casing	Wood	White	Intact	None	NA	NA	NA	3.6	1	Positive
190	Single Family	2nd Floor	Bedroom2	10	A	Window	Apron	Wood	White	Intact	None	NA	NA	NA	3.1	1	Positive
192	Single Family	2nd Floor	Bedroom2	10	B	Door1	Casing	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
193	Single Family	2nd Floor	Bedroom2	10	B	Door1	Jamb	Wood	Beige	Intact	None	NA	NA	NA	4	1	Positive
194	Single Family	2nd Floor	Bedroom2	10	B	Door2	Casing	Wood	White	Intact	None	NA	NA	NA	3	1	Positive
196	Single Family	2nd Floor	Bedroom2	10	B	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.3	1	Positive
197	Single Family	2nd Floor	Bedroom2	10	B	Door	Jamb	Wood	Beige	Intact	None	NA	NA	NA	4.3	1	Positive
203	Single Family	2nd Floor	Bedroom2	10	C	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	4.5	1	Positive
210	Single Family	2nd Floor	Bedroom2	10	B	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	4.1	1	Positive
211	Single Family	2nd Floor	Bedroom2	10	B	Closet	Shelf	Wood	Beige	Intact	None	NA	NA	NA	4.8	1	Positive
218	Single Family	2nd Floor	Bedroom3	11	D	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	3.2	1	Positive
219	Single Family	2nd Floor	Bedroom3	11	D	Door	Stop	Wood	White	Intact	None	NA	NA	NA	2.9	1	Positive
222	Single Family	2nd Floor	Bedroom3	11	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	2.3	1	Positive
233	Single Family	2nd Floor	Bedroom3	11	D	Closet	Shelf	Wood	White	Intact	None	NA	NA	NA	6.6	1	Positive
254	Single Family	2nd Floor	Hallway	12	C	Cabinet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	2.1	1	Positive
255	Single Family	2nd Floor	Hallway	12	C	Cabinet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	2.2	1	Positive
256	Single Family	2nd Floor	Hallway	12	C	Cabinet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
257	Single Family	2nd Floor	Hallway	12	C	Closet	Ceiling	Plaster	Beige	Intact	None	NA	NA	NA	1.4	1	Positive
258	Single Family	2nd Floor	Hallway	12	C	Closet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
259	Single Family	2nd Floor	Hallway	12	C	Closet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.6	1	Positive
260	Single Family	2nd Floor	Hallway	12	C	Closet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.4	1	Positive
261	Single Family	2nd Floor	Hallway	12	C	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
280	Single Family	3rd Floor	Bathroom2	14	N/A	Ceiling	Ceiling	Drywall	White	Intact	None	NA	NA	NA	2.1	1	Positive
281	Single Family	3rd Floor	Bathroom2	14	N/A	Ceiling	Crown Molding	Drywall	White	Intact	None	NA	NA	NA	2.1	1	Positive
282	Single Family	3rd Floor	Bathroom2	14	A	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	2.1	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
283	Single Family	3rd Floor	Bathroom2	14	A	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	1.6	1	Positive
285	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Red	Intact	None	NA	NA	NA	1.5	1	Positive
286	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	1.2	1	Positive
292	Single Family	3rd Floor	Bathroom2	14	D	Wall	Wall	Plaster	Red	Intact	None	NA	NA	NA	2.2	1	Positive
301	Single Family	3rd Floor	Bathroom2	14	D	Wall	Radiator	Metal	Pink	Intact	None	NA	NA	NA	2	1	Positive
321	Single Family	3rd Floor	Bedroom4	15	B	Radiator	Radiator	Metal	White	Intact	None	NA	NA	NA	3	1	Positive
357	Single Family	1st Floor	Stairwell3	18	N/A	Ceiling	Ceiling	Plaster	Olive	Intact	None	NA	NA	NA	1.2	1	Positive
358	Single Family	1st Floor	Stairwell3	18	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
362	Single Family	1st Floor	Stairwell3	18	B	Wall	Access Panel	Metal	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
363	Single Family	1st Floor	Stairwell3	18	B	Wall	Chute Casing	Metal	Olive	Intact	None	NA	NA	NA	1	1	Positive
403	Single Family	Basement	Storage	21	A	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	2.1	1	Positive
405	Single Family	Basement	Storage	21	C	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	1.9	1	Positive
406	Single Family	Basement	Storage	21	D	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	1.8	1	Positive
409	Single Family	Basement	Bathroom3	22	A	Wall	Wall	Wood	Tan	Intact	None	NA	NA	NA	1.4	1	Positive
411	Single Family	Basement	Bathroom3	22	C	Window	Casing	Wood	Tan	Intact	None	NA	NA	NA	1.7	1	Positive
413	Single Family	Basement	Bathroom3	22	D	Wall	Wall	Wood	Tan	Intact	None	NA	NA	NA	1.5	1	Positive

**HUD reporting limits for positive XRF results are ≥ 1.0 mg/cm² (milligrams per square centimeter) for painted or glazed surfaces.*

Water Testing – N/A

RESULTS & RECOMMENDATIONS – N/A

VERIFICATION QUESTIONS & ANSWERS – N/A

BEHAVIORAL PATTERNS – N/A

VISUAL PLUMBING ASSESSMENT – N/A

TABLE W.1: WATER SAMPLE RESULTS – N/A

Inspector Summary

Cellar windows are glass blocked. Wall C has some vinyl siding on the second level. Wall A & C porches need repairing.

Inspector Certification

The information contained in this report is a true and accurate representation of the conditions and activities at this property at the time of this investigation, based on the professional judgement of the person(s) who conducted and reported this Environmental Investigation. If soil samples were not collected as indicated in Table 4 due to snow, these samples will be collected at the earliest opportunity. An amended report will be sent with any soil hazards found and corrective action options.

Donnez Hemphill *Donnez Hemphill* 05/27/2021

Michigan Certified Lead Inspector/Risk Assessor # P- 05920

Risk Assessor E-Mail: dhemphill@gsgroupmi.com

Appendices

APPENDIX A – RESIDENT INTERVIEW

The purpose of this interview is to help find where to take dust and soil samples. Questions will help find:

- Most frequently used entrances and windows.
- Areas where children sleep, eat, and play.
- Recent renovations.
- Etc.

Resident Interview Questions & Responses:

This house is currently: Occupied
Person interviewed: Roy Wright
Relationship to child: N/A

FAMILY USE PATTERNS	
QUESTION	**RESPONSE**
Which entrances are used most frequently?	Front Door
Are there floor mats at entrances to the home?	Yes
Do occupants take shoes off at the door?	No
Which windows are opened most frequently?	Living room, Kitchen, Bedrooms & Nook
Is there a window fan that is used during summer months?	Yes
Are window air conditioners used? Is there paint damage from condensate? *If yes, what room?*	Yes No Bedrooms 1 & 2
I need to dust test the window sill in this room for lead. **When was the last time it was wiped down?**	Every 3 months
Does your family eat food grown in a garden? **Does your child play in this garden?**	No N/A
What cleaning methods do you use at home?	Sweep, Mop & Vacuum

OTHER HOUSEHOLD RISK FACTORS	
QUESTION	**RESPONSE**

Do you have a dog, cat, or other pet that could track soil or dust inside?	No

Does your child have access to any of the following?

☐ Industrial (big) crayons or markers			N/A
☐ Paints	☐ Detergents	☐ Shellacs	
☐ Dyes	☐ Batteries	☐ Lacquers	
☐ Coloring pigments	☐ Gear oil	☐ Epoxy resins	
☐ Putty	☐ Pipe sealants	☐ Pesticides	

FREQUENT AREAS CHILD VISITS

QUESTION	RESPONSE
Is your child cared for away from home? (This includes preschool and/or child care at a center, dedicated home, or with a friend or relative).	N/A

CHILD BEHAVIOR RISK FACTORS

QUESTION	RESPONSE
Does your child suck his/her fingers or thumb?	N/A
Does your child put painted objects into their mouth?	N/A
If yes, what objects?	N/A
Are there any areas of peeling paint on walls, ceilings, stairs, woodwork, furniture or toys?	No
Does your child chew on painted surfaces, such as painted cribs, window sills, furniture edges, railings, door moldings, or broom handles?	N/A
Are there bite marks found anywhere in the home, such as child's crib, furniture or window sills?	No
Does your child chew or eat paint chips or pick at painted surfaces?	N/A
Does your child put soft metal objects in the mouth? (Ex: pewter, metal toy soldiers, jewelry, gunshot, bullets, beads, fishing sinkers, electronics)	N/A
Does your child put printed material (newspapers, magazines) in their mouth?	N/A
Does your child eat without washing hands before meals or snacks?	N/A
When was the last time the toys were washed?	N/A
Pacifiers?	N/A
Are there bare soil areas where the child likes to play?	N/A
Where, specifically?	N/A
On a typical week this past summer, how much time did your child play outside in your yard? N/A	
Has the child been seen eating soil?	N/A
Where?	N/A

DIETARY RISK FACTORS	
QUESTION	RESPONSE
Does your family use imported canned foods?	No
Does the family use home remedies, folk medicines or herbal treatments? *Alarcon, Alkohl, Azarcon, Bali Goli, Coral, Ghasard, Greta, Liga, Pay-loo-ah, Rueda, Kohl, Surma or Ceruse*	No
Does child take dolomite, oyster shell or bone meal as a calcium or phosphorus supplement?	N/A
Is food prepared, served or stored in glazed ceramic, pewter, crystal, or lead soldered types of containers?	No
Does the child have a favorite cup or eating utensil? (If yes, what is it?)	N/A N/A

OCCUPATIONAL/HOBBY RISK FACTORS	
QUESTION	RESPONSE
Does anyone living with or caring for the child have an occupation or hobby that could result in lead exposure?	No

OCCUPATIONAL/HOBBY RISK FACTORS N/A

APPENDIX B – SITE INFORMATION

B-1: General Property Description:

Colonial Style Unit. All bedrooms on 2nd floor. Garage is detached.
Roof components covered with vinyl siding

B-2: Building Condition

Exposure to lead is usually from lead-based paint. Lead-based paint becomes a source of lead exposure when the paint is deteriorated. Deteriorated paint is paint that is chipping or chalking, and may be caused by poor building conditions. A leaky roof is an example of a poor building condition that can cause paint to become deteriorated. Lead work cannot begin before building conditions causing paint to deteriorate are fixed. The building condition survey helps find these areas. "Yes" responses mean the building condition is poor and needs fixing.

BUILDING CONDITION SURVEY QUESTIONS & RESPONSES

GENERAL PROPERTY CONDITION	
QUESTION	RESPONSE
What year was this building built?	1925
Has there been any lead testing done to this property within the last year?	No
Were any external renovations done on a neighboring property? Repainting, remodeling, renovation, window replacement, sanding, scraping or power washing painted surfaces inside or outside of the home?	Yes Across the street
Have nearby buildings or structures (bridge, water tower, homes, etc.) recently been repainted, demolished or burned?	No
Were any home renovations done to your home within the past year?	No
Are you planning any building renovations?	Yes Dining Room
Are you or the landlord planning any landscaping activities?	No
Is building debris stored in the yard?	No
Other notable conditions:	No

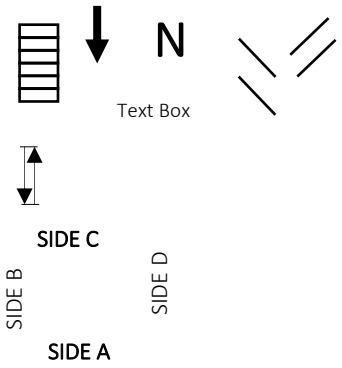
EXTERIOR BUILDING CONDITION	
QUESTION	RESPONSE
Is exterior siding missing components?	No
Is the roof missing parts?	Yes
Does the roof have holes or large cracks?	No
Are gutters or downspouts broken?	No
Are there two or more windows or doors missing, broken or boarded up?	No
Does the porch or steps have major cracks, missing materials, structural leans, or is it visibly unsound?	Yes Wall A & C
Do exterior walls have large cracks, or damage requiring more than routine painting?	No
Does the foundation have damage, structural leans or is it visibly unsound?	No
Are chimney blocks or masonry joints cracked, with loose or missing components, out of plumb or otherwise deteriorated?	No
Other notable conditions:	No

INTERIOR BUILDING CONDITION	
QUESTION	RESPONSE
Has there been any recent water damage in the home?	Yes Dining room ceiling
Are there water stains on interior walls or ceilings?	Yes
Are plaster walls or ceilings deteriorated?	Yes Dining room
Do interior walls have large cracks, or damage requiring more than routine painting?	Yes Dining room
Is there any deteriorated paint in the home?	Yes
Are vinyl mini blinds present? Does child have access?	Yes N/A

*****Is the bathtub deteriorated? Does the child bathe in it? **Follow MDHHS Residential Lead Hazard Control-Lead in Water Protocol*	No N/A
Other notable conditions:	No

B-3: Floor Plans

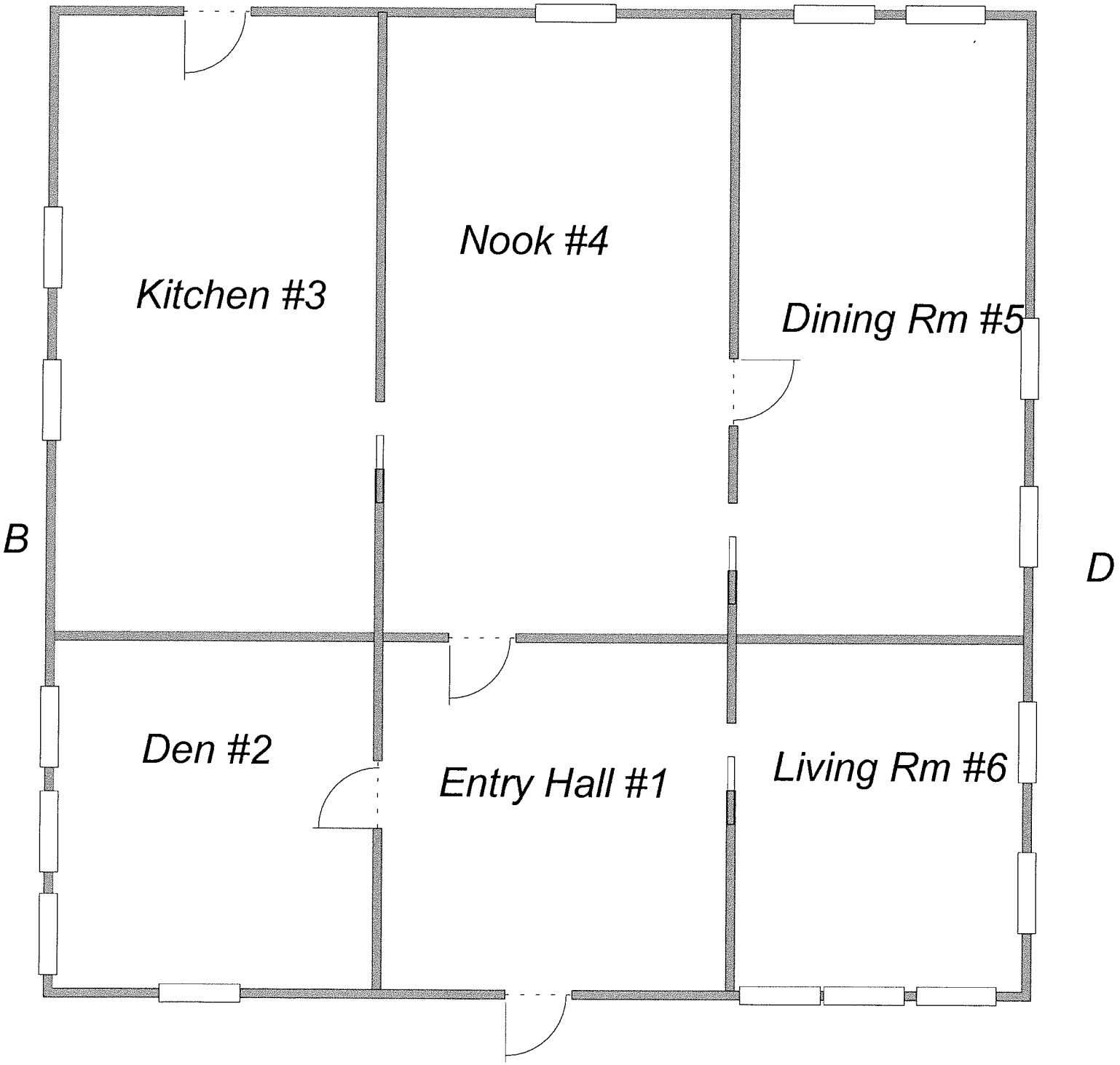
INTERIOR FIRST FLOOR



4825 Sturtevant

C

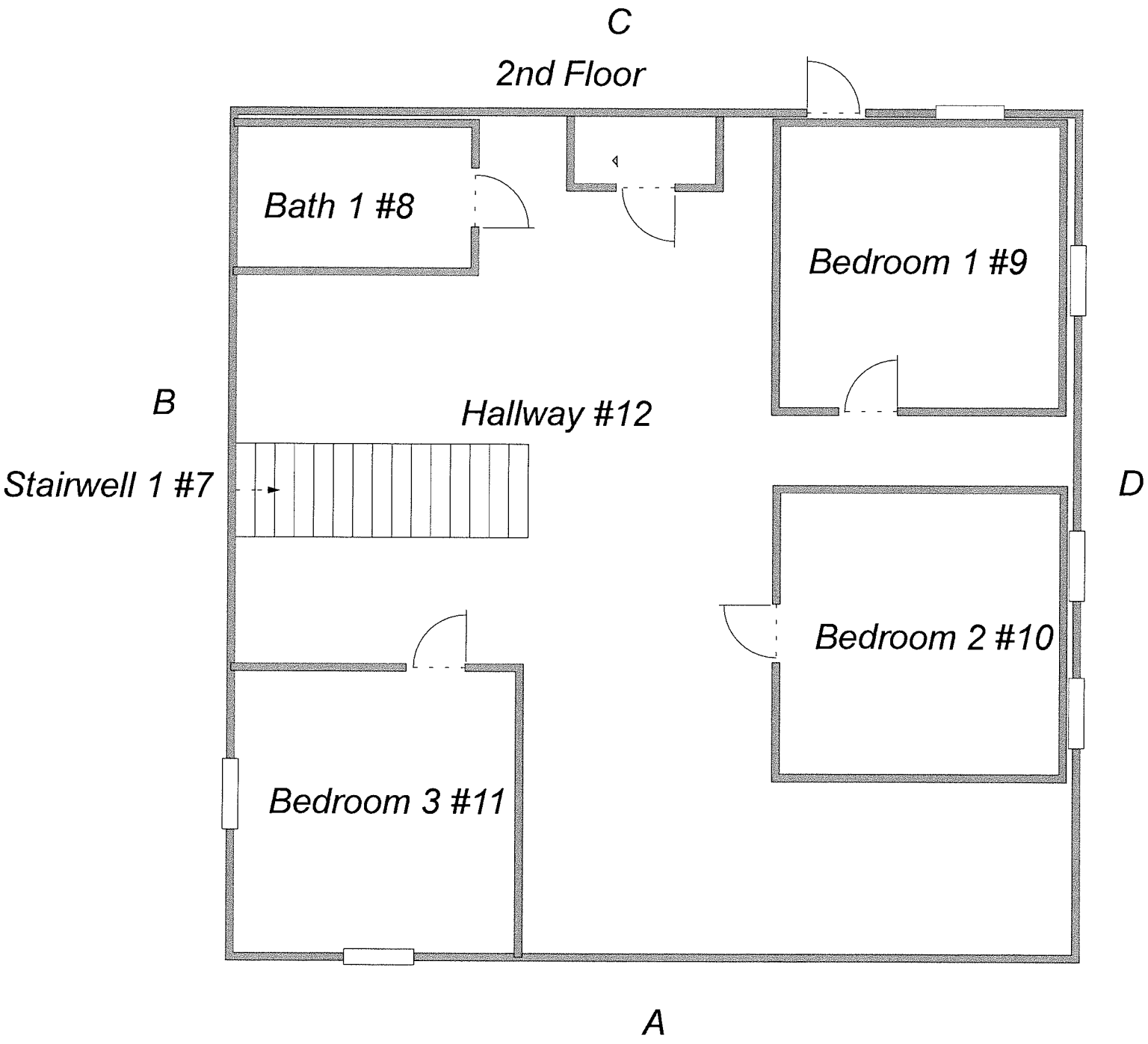
1st Floor

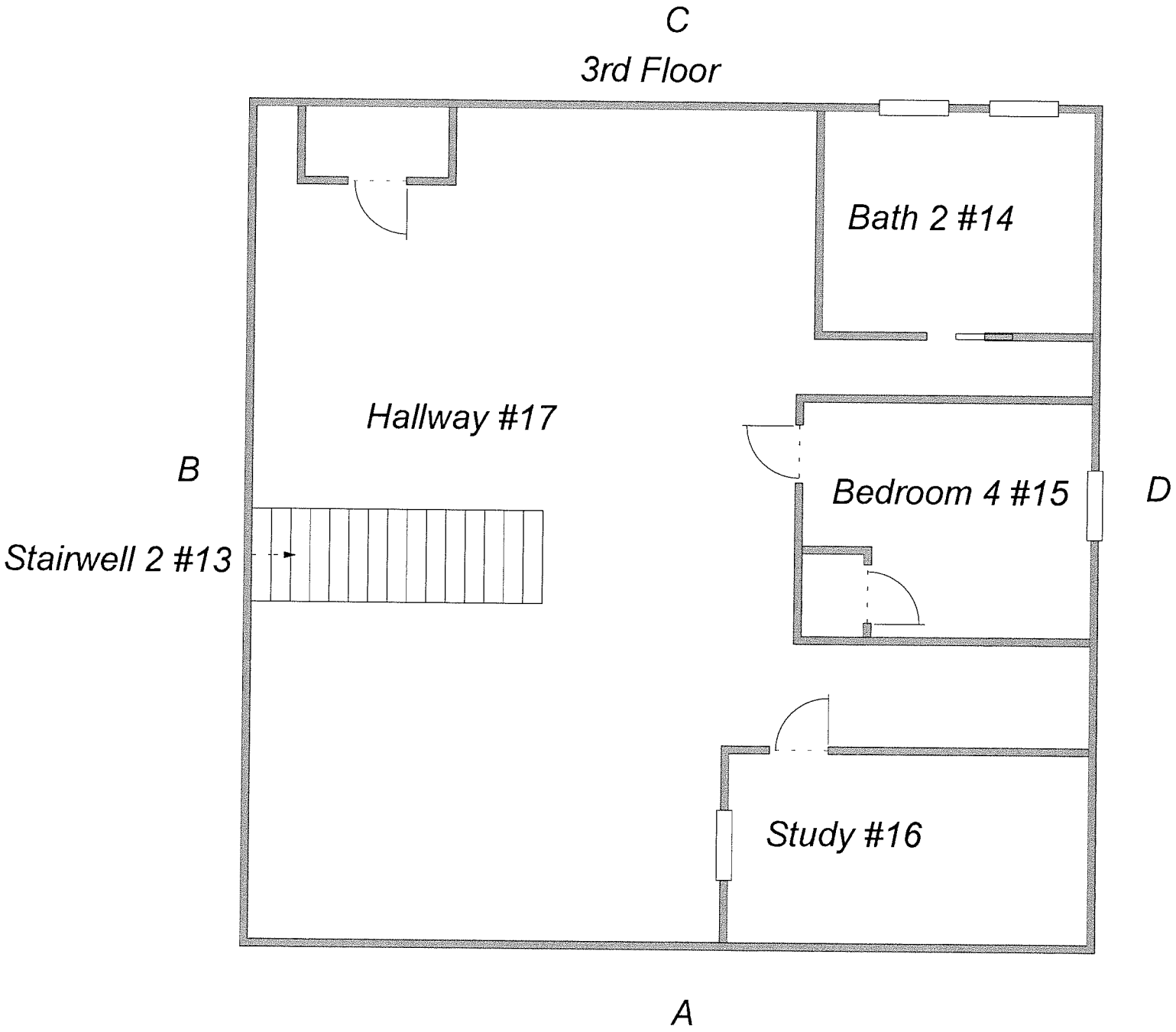


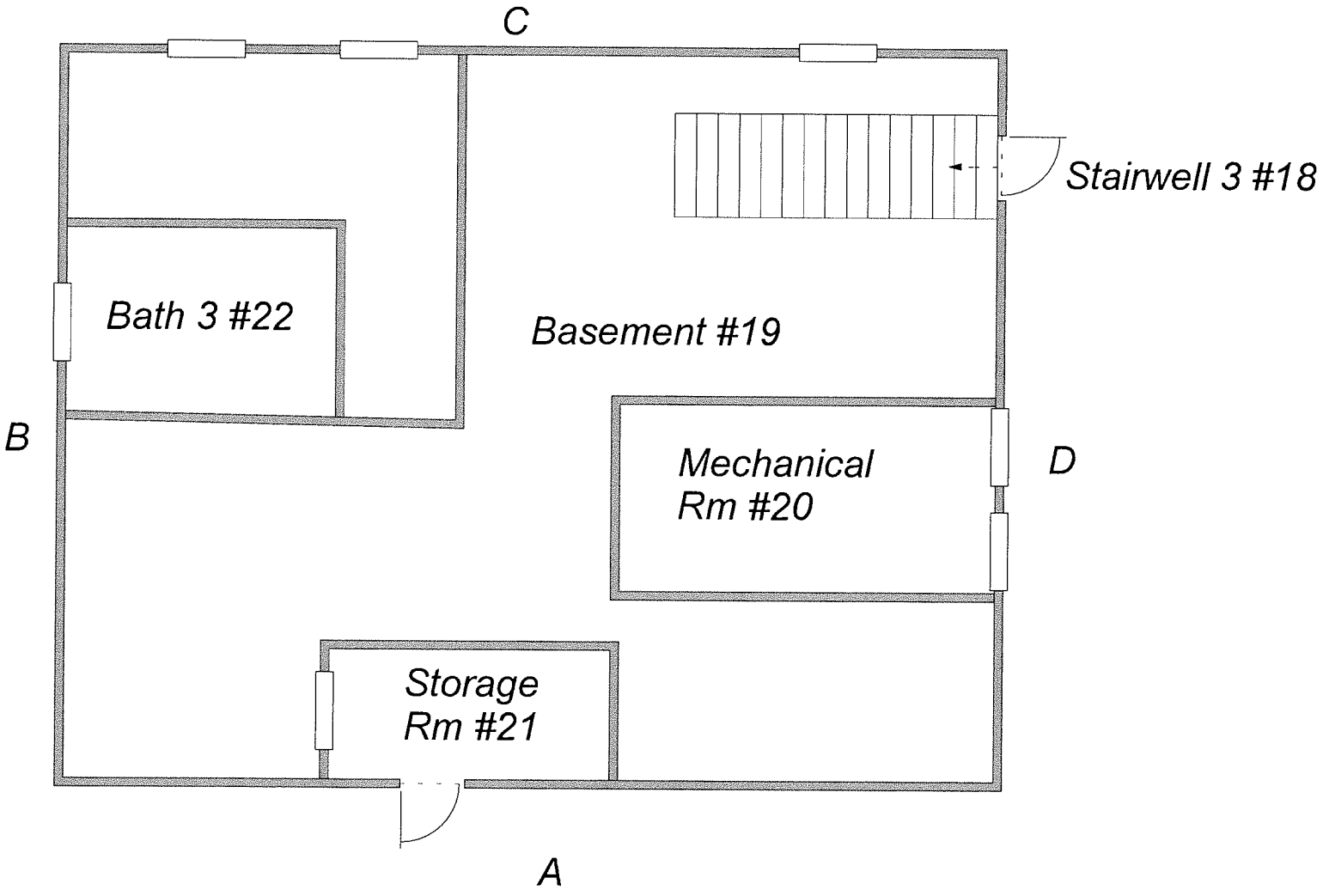
B

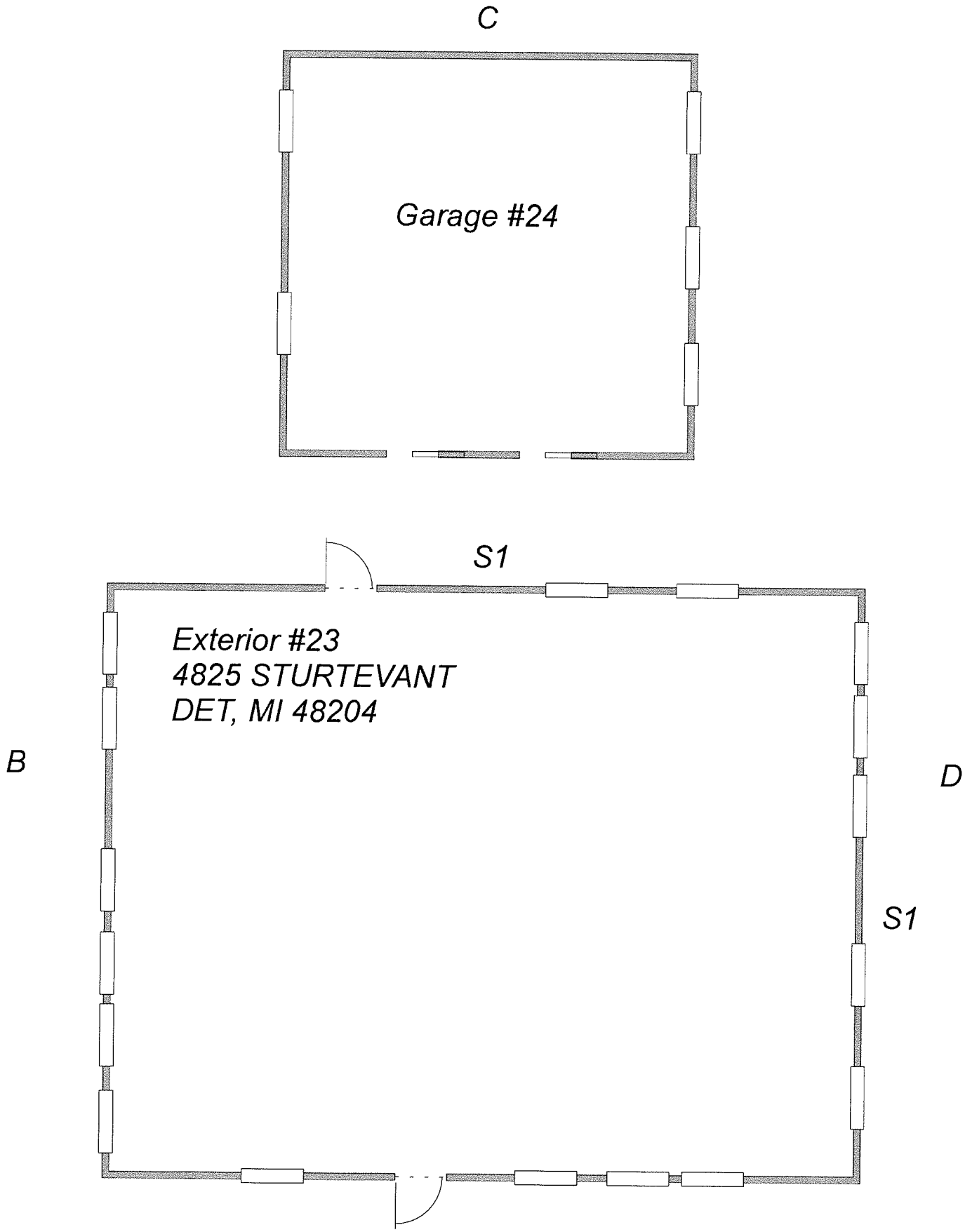
D

A


C
2nd Floor
Bath 1 #8
Bedroom 1 #9
B
Hallway #12
Stairwell 1 #7
D
Bedroom 2 #10
Bedroom 3 #11
A


C
3rd Floor
Bath 2 #14
Hallway #17
B
Bedroom 4 #15
D
Stairwell 2 #13
Study #16
A


C
Stairwell 3 #18
Bath 3 #22
Basement #19
B
Mechanical
Rm #20
D
Storage
Rm #21
A



*S1 REPRESENTS SOIL SAMPLING AREA.

B-4: Photos

Side A

Side B

Side C

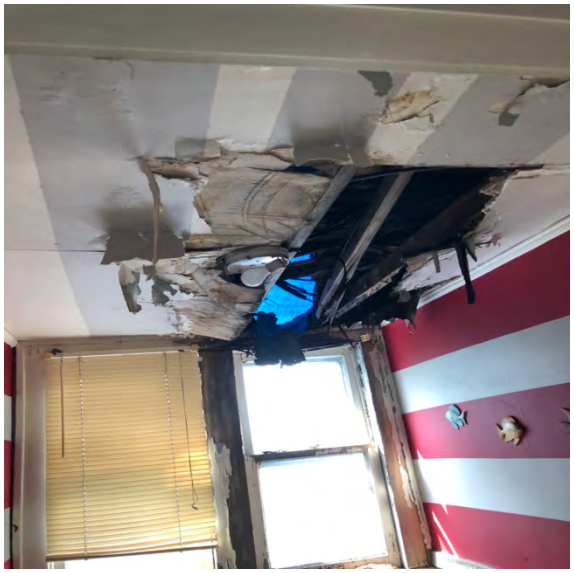
Side D

Garage

Hall Ceiling

Kitchen Ceiling

Dining Room Ceiling



Bathroom 2 Ceiling

Bedroom 1 Ceiling

Deteriorated Window Sash

Deteriorated Window

APPENDIX C – LEAD: EDUCATION, TESTING, RESOURCES & LAWS

C-1: Lead Education

LEAD-BASED PAINT

Lead is a highly toxic metal. When we say paint, it includes:

- Varnishes
- Lacquers
- Stains
- Coatings
- Enamels
- Glazes
- Primers

Lead-based paint is a paint that has lead in it. Lead is used in paint to:

- Brighten the color
- Speed up drying time
- Reduce corrosion (weathering / wear and tear)

Lead was commonly used in household paint in homes built before **1978**. In 1978, the federal government banned the use of lead-based paint in homes (for consumers). The older the home, the more likely it is to have lead-based paint.

Before 1940

 87%

1940 – 1959

 69%

1960 – 1977

 24%

LEAD-HAZARDS

A lead-hazard is when lead is present in a surface and that surface is deteriorating or breaking down. There are specific definitions for different lead-hazards.

- **Lead-Based Paint Hazard –** any lead-based paint, including lead dust and soil that would have an adverse effect on human health.
- **Dust-Lead Hazard –** surface dust in a residence containing an area or mass concentration of lead equal to or in excess of:
    - 10 µg/ft^2 (micrograms per square feet) on floors
    - 40 µg/ft^2 on porches

    - 100 µg/ft^2 on interior window sills
    - 100 µg/ft^2 on window troughs
- Soil-Lead Hazard – bare soil (*soil not covered with grass, sod, some other vegetation, or paving, including the sand in sandboxes*) on a residential property that contains lead in excess of:
    - 400 ppm (parts per million) in play areas (*an area of frequent soil contact by children (e.g., sandboxes, swing sets, etc.))* and vegetable gardens.
    - 1200 ppm in the rest of the yard.

To correct lead-hazards, there are two options:

- Abatement
    - The permanent elimination of lead-based paint hazards. This includes:
        - Removal of building components coated with lead-based paint
        - Removal of dust-lead hazards
        - Removal of soil-lead hazards
        - Overlaying soil with durable covering such as asphalt
        - Enclosing lead-based paint hazards
        - Coating lead-based paint hazards with approved encapsulant ("a thick liquid used to cover lead-based paint")
    - This method requires:
        - Preparation
        - Waste disposal
        - Recordkeeping
        - Cleanup
        - Post abatement clearance testing
        - Monitoring (if applicable)
- Interim Control
    - A temporary measure to reduce exposure to lead-based paint hazards. This includes, but is not limited to:
        - Preparing and painting lead-based paint hazards
        - Treatment of friction and impact surfaces
        - Specialized cleaning
        - Landscaping over soil-lead hazards (e.g., grass or sod)
        - Monitoring (*conducted by property owner or tenant)*
        - Re-evaluation *(conducted by a certified lead professional)*

For further information, please call MDHHS Healthy Homes Section at 517-335-9390.

LEAD EXPOSURE

Exposure to lead happens during the application, removal and failure of integrity (deterioration) of lead-based paint or from soil lead hazards. Deteriorated paint includes:

- Any paint coating that is peeling, chipping, blistering, flaking, worn, chalking, cracking, or otherwise becoming separated from the painted surface.

Lead-based paint breaks down into:

- Paint chips – chips are paint pieces that are detached from the original painted surface. Chips include paint that is peeling, chipping, chalking or cracked.
- Dust – dust is created when lead paint is scraped, dry sanded, heated or burned, or when painted surfaces rub together (opening / closing windows and doors). **Dust is the most common source of lead exposure among children.**
    - Dust from lead-based paint can also contaminate the soil. This can be a source of exposure when children play on the ground, or when people bring soil into the house on their shoes.

Lead chips and dust settle on surfaces and objects people touch. Settled lead dust can re-enter the air when people:

- Vacuum or sweep
- When they or their pet walk through it
- When windows or doors are open and allow air to circulate
- When fans circulate air
- Or any other time air is moving in the home

There are other sources of lead exposure. Lead is found in products that you may have in your home. These household items include:

- Painted toys; painted furniture
- Toy jewelry; cosmetics (makeup)
- Plumbing products like pipes and fixtures
- Food or liquid containers made of lead crystal or lead-glazed pottery or porcelain

Lead is present for some jobs and hobbies. These jobs and hobbies can bring lead home with you on your clothes or hands. Jobs and hobbies include:

- Renovation and painting
- Mining
- Smelting
- Battery recycling
- Refinishing old furniture
- Auto body work
- Shooting ranges
- Hunting (shot)
- Fishing (fishing sinkers and jigs)
- Stained glass (came and solder)
- Stock cars (weights used in stock cars)
- Making pottery (dyes and glazes

To reduce lead exposure from your job or hobby:

- Do not put leaded items in your mouth (fishing sinkers, etc.)
- Wash hands before eating or drinking
- Avoid touching your face while working with lead materials
- Change clothes before entering home
- Wash clothes separately from other family members clothes

To reduce lead exposure in the home:

- Regularly wash hands, toys, and horizontal surfaces with wet methods. This method of cleaning includes:
    - Washing surfaces with soapy water

    - Using disposable cleaning materials (paper towel)
- Vacuum with a High Efficiency Particulate Air (HEPA) filtered vacuum
- Take shoes off before entering the home or living areas
- Cover lead exposed soil with fruitless plant materials

HEALTH EFFECTS OF LEAD EXPOSURE

Lead is a highly toxic metal. There is no safe level of lead exposure. Lead poisoning occurs when lead enters into the body through either: inhalation (breathing in) or ingestion (eating). Children under the age of six (6) are especially vulnerable to lead poisoning. They have a greater exposure to lead through:

- Frequent hand-to-mouth activity (mouthing objects).
- Consuming more food and drink, and breathing more air per kilogram of body weight than adults.
- Digesting 4-5 times more lead from the gut than adults.
- Nutritional deficiencies, such as an iron deficiency (which increases the bioavailability of lead – meaning it makes lead more available to enter the body).

Children under the age of six (6), their bodies and nervous system is not fully developed. One of the systems lead affects is the nervous system. Lead is a multi-system toxicant, causing:

- Brain and nervous system damage
- Decreased IQ
- Learning difficulties
- Speech, language, and behavior problems
- Hearing problems
- Slow or reduced growth
- Muscle or joint pain
- Reproductive problems (adult)
- Digestive problems
- Kidney damage
- Anemia
- High blood pressure

C-2: Lead Testing Procedures

PAINT

To test for lead in paint, an XRF instrument is used. XRF stands for "X-Ray Fluorescence."

To measure lead, this device uses low level radiation. The radiation excites atoms within painted surfaces. Excitement, or movement of atoms cause radiation to rebound back to the device. This rebound tells the device if lead is present. Lead is determined present if the level is 1 microgram per square centimeter ($\mu g/cm^2$) or more.

Appendix D-2 details the XRF device used.

DUST

Dust is collected using dust wipes. Dust wipes are disposable cloths used to collect dust. The United States Department of Housing and Urban Development (HUD) provides dust wipe best practices. HUD requests inspectors to:

- Use one dust wipe per sample area.
- Collect dust in a measured area. The measured area is 12" x 12" on a floor or a minimum of 14.4 square inches on a window or window trough.

- Open the dust wipe with a gloved hand.
- Perform dust wipe using “S” motions in sample area.
- Put the dust wipe sample into a labeled tube or container.
- Label states property location, sample location, and size of sample area.
- Send samples to trace metals laboratory.
- Report results in micrograms per square foot (µg/ ft^2).

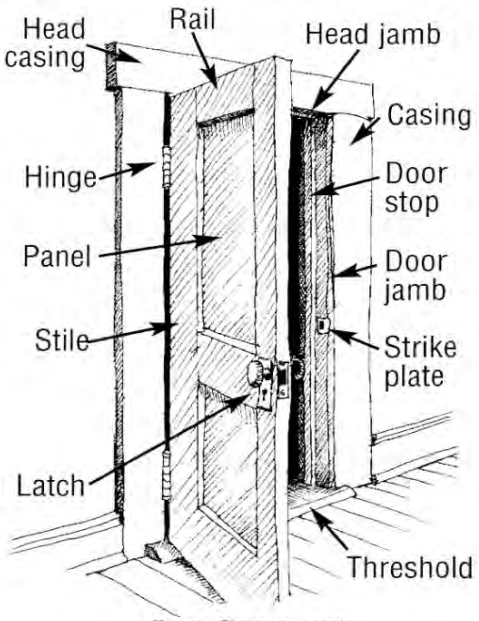
SOIL

Soil is collected using HUD best practices.

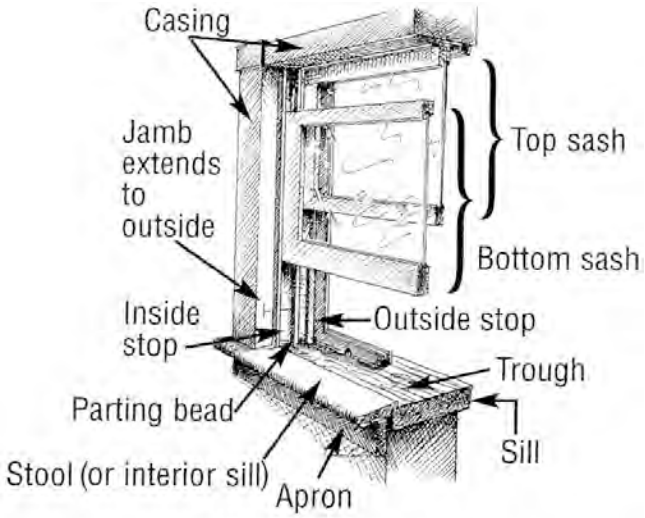
A soil sample comes from the upper ½ inch of soil. Garden soil is tested 4-6” (inches) down. All soil must come from soil on the property. Areas may include sandboxes, child play areas, and the roof drip line. A trace metals laboratory analyzes the soil for lead. Soil sample results are reported in parts per million (ppm).

HOUSING COMPONENT IDENTIFICATION

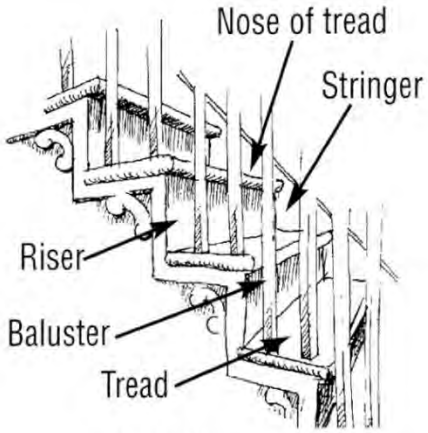
Please use the photos/diagrams below as a guide to help identify housing components noted in this report. Diagrams adopted from Lead Paint Safety: A Field Guide for Painting, Home Maintenance, and Renovation Work, U.S. Department of Housing and Urban Development, Office of Lead Hazard Control, June 1999.



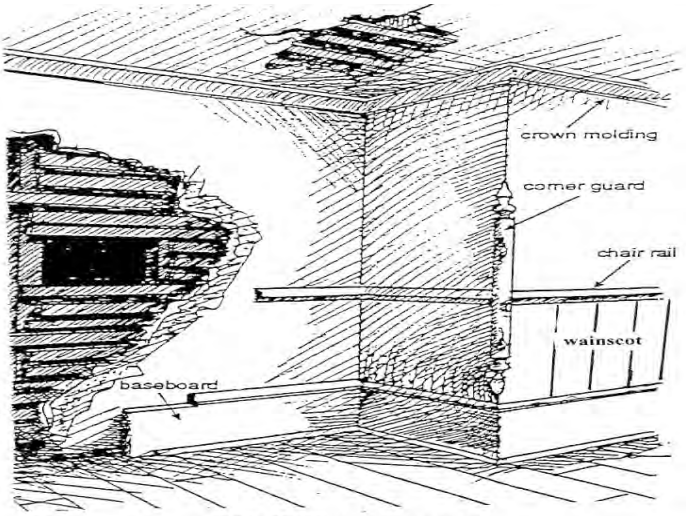
Door Components



Window Components



Stair Components



Wall Components

LEAD HAZARD CORRECTION COST ESTIMATES

Window replacement	$500 - $600
Wood window replacement	$900 - $1200
Window jamb liners	$350 - $500
Siding exterior	$400 - $600 square (square = 100 square feet)
Painting exterior	$275 - $400 square
Exterior door replacement	$750 - $900
Interior door replacement	$300 - $450
Friction/impact door	$250 - $400
E-cap baseboards	$200 - $400 per room
Paint baseboards	$200 - $300 per room

Stair system w/rubber	$400 - $800
Lead cleaning	$100 - $200 per room

C-3: Your Responsibilities

RE-EVALUATION & MONITORING SCHEDULE

Monitor Potential Lead Hazards Two Ways After Abatement/Interim Controls Completed:

Visual Survey: Perform one month and six months after lead hazard work. Perform once each year if no problems found. **Visual survey is completed by homeowner**.

Visual survey includes:

- Looking at painted surfaces known to have lead and see if paint is in good repair.
- Looking at areas lead hazards fixed to see if in good repair.
- Finding problems with the building that could cause new lead hazards.

Re-Evaluate: Every two years **a certified risk assessor** re-evaluates the building.

This includes:

- Measuring dust for lead.
- Measuring soil for lead.
- Assessing potential lead-based paint hazards.

FUTURE OWNERS OF THIS PROPERTY

A summary of this report must be shared with future tenants or owners of a pre-1978 property. Federal law (24 CFR part 35 and 40 CFR part 745) requires this report be shared before they become obligated under a lease or sales contract.

Landlords (lessors) and sellers are required to:

- Distribute an educational pamphlet. This pamphlet is approved from the U.S. Environmental Protection Agency (EPA). The document is: "*Protect Your Family from Lead in Your Home.*"
- Include standard warning language in lease or sale contracts. This is to ensure parents have information they need to protect their children from lead hazards.

Contact 800-424-LEAD (5323) for information about your obligations under federal regulations.

NOTICE TO LANDLORDS

Landlord Penalty Law

If a child with an elevated blood lead level is identified in your rental unit you are responsible for ensuring that lead hazards identified in the elevated blood lead level report have been properly addressed. The following must be followed to avoid receiving penalties assessed through the Michigan Lead Abatement Act.

- If you conduct the work on your rental unit you must be certified through the EPA RRP Program or certified through the Michigan Lead Abatement Program. Depending on the

method used to correct the hazard, you must follow applicable laws to ensure appropriate work practices are followed.

- Hire a lead abatement contractor, please see the certified list, located at www.michigan.gov/leadsafe.
- Check eligibility for work through the Lead Safe Home Program, please see webpage for details.

Any questions regarding compliance with the Landlord Penalty Act please email HHSInfo@michigan.gov or call 517-335-9390.

APPENDIX D – ALL XRF RESULTS & DEVICE USED

D-1: Results

ALL XRF RESULTS

TABLE 8: ALL XRF RESULTS

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
1	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	Positive
2	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	Positive
3	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	Positive
4	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	1	Negative
5	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	1	Negative
6	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	1	Negative
7	Single Family	1st Floor	Entry Hall	1	N/A	Ceiling	Ceiling	Plaster	White	Intact	None	NA	NA	NA	1.3	1	Positive
8	Single Family	1st Floor	Entry Hall	1	A	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.8	1	Negative
9	Single Family	1st Floor	Entry Hall	1	B	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.3	1	Positive
10	Single Family	1st Floor	Entry Hall	1	C	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.9	1	Negative
11	Single Family	1st Floor	Entry Hall	1	D	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.1	1	Positive
12	Single Family	1st Floor	Entry Hall	1	D	Wall	Radiator	Metal	Silver	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
13	Single Family	1st Floor	Entry Hall	1	A	Door	Casing	Wood	Off White	Intact	None	NA	NA	NA	0.3	1	Negative
14	Single Family	1st Floor	Entry Hall	1	A	Door	Stile	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	0	1	Negative
15	Single Family	1st Floor	Entry Hall	1	C	Door	Stile	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
16	Single Family	1st Floor	Entry Hall	1	C	Door	Jamb	Wood	Off White	Intact	None	NA	NA	NA	0.1	1	Negative
17	Single Family	1st Floor	Den	2	N/A	Ceiling	Ceiling	Plaster	White	Intact	None	NA	NA	NA	0.1	1	Negative
18	Single Family	1st Floor	Den	2	N/A	Wall	Crown Molding	Wood	Gray	Intact	None	NA	NA	NA	2	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
19	Single Family	1st Floor	Den	2	A	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.2	1	Positive
20	Single Family	1st Floor	Den	2	B	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.2	1	Positive
21	Single Family	1st Floor	Den	2	B	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	0	1	Negative
22	Single Family	1st Floor	Den	2	C	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	1.2	1	Positive
23	Single Family	1st Floor	Den	2	D	Wall	Wall	Plaster	Burgundy	Intact	None	NA	NA	NA	1.1	1	Positive
24	Single Family	1st Floor	Den	2	A	Window	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
25	Single Family	1st Floor	Den	2	A	Window	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
26	Single Family	1st Floor	Den	2	B	Window1	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0	1	Negative
27	Single Family	1st Floor	Den	2	B	Window1	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
28	Single Family	1st Floor	Den	2	B	Window2	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
29	Single Family	1st Floor	Den	2	B	Window2	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	-0.2	1	Negative
30	Single Family	1st Floor	Den	2	B	Window3	Stop	Wood	White	Intact	None	NA	NA	NA	-0.1	1	Negative
31	Single Family	1st Floor	Den	2	B	Window3	Apron	Wood	White	Intact	None	NA	NA	NA	0.2	1	Negative
32	Single Family	1st Floor	Den	2	D	Door	Stile	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
33	Single Family	1st Floor	Den	2	D	Door	Casing	Wood	Gray	Intact	None	NA	NA	NA	0.2	1	Negative
34	Single Family	1st Floor	Kitchen	3	N/A	Ceiling	Ceiling	Plaster	Olive	Deteriorated	Moisture	NA	NA	NA	1.2	1	Positive
35	Single Family	1st Floor	Kitchen	3	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
36	Single Family	1st Floor	Kitchen	3	B	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.3	1	Positive
37	Single Family	1st Floor	Kitchen	3	C	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.1	1	Positive
38	Single Family	1st Floor	Kitchen	3	D	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	0.9	1	Negative
39	Single Family	1st Floor	Kitchen	3	C	Wall	Radiator Cover	Metal	Olive	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
40	Single Family	1st Floor	Kitchen	3	N/A	Ceiling	Trim	Wood	White	Deteriorated	Moisture	NA	NA	NA	-0.1	1	Negative
41	Single Family	1st Floor	Kitchen	3	B	Cabinet	Door	Wood	Varnish	Deteriorated	Substrate	NA	NA	NA	0	1	Negative
42	Single Family	1st Floor	Kitchen	3	B	Cabinet	Stile	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
43	Single Family	1st Floor	Kitchen	3	B	Cabinet	Drawer	Wood	Varnish	Deteriorated	Substrate	NA	NA	NA	0	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
44	Single Family	1st Floor	Kitchen	3	B	Window1	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.3	1	Positive
45	Single Family	1st Floor	Kitchen	3	B	Window1	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	3	1	Positive
46	Single Family	1st Floor	Kitchen	3	B	Window2	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.4	1	Positive
47	Single Family	1st Floor	Kitchen	3	B	Window2	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.1	1	Positive
48	Single Family	1st Floor	Kitchen	3	A	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.3	1	Positive
49	Single Family	1st Floor	Kitchen	3	A	Door	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.2	1	Positive
50	Single Family	1st Floor	Kitchen	3	C	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.6	1	Positive
51	Single Family	1st Floor	Kitchen	3	C	Door	Panel	Wood	Olive	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
52	Single Family	1st Floor	Kitchen	3	D	Door	Casing	Wood	White	Intact	None	NA	NA	NA	4.6	1	Positive
53	Single Family	1st Floor	Kitchen	3	D	Door	Jamb	Wood	White	Intact	None	NA	NA	NA	2.2	1	Positive
54	Single Family	1st Floor	Kitchen	3	C	Cabinet	Ceiling	Plaster	Tan	Deteriorated	Substrate	NA	NA	NA	2	1	Positive
55	Single Family	1st Floor	Kitchen	3	C	Cabinet	B Wall	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	1.9	1	Positive
56	Single Family	1st Floor	Kitchen	3	C	Cabinet	B Wall	Wood	Tan	Intact	None	NA	NA	NA	1.9	1	Positive
57	Single Family	1st Floor	Kitchen	3	C	Cabinet	D Wall	Plaster	Tan	Intact	None	NA	NA	NA	1.5	1	Positive
58	Single Family	1st Floor	Kitchen	3	C	Cabinet	Shelf	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
59	Single Family	1st Floor	Kitchen	3	D	Wall	Trim	Wood	White	Intact	None	NA	NA	NA	-0.3	1	Negative
60	Single Family	1st Floor	Nook	4	N/A	Ceiling	Ceiling	Plaster	Olive	Deteriorated	Moisture	NA	NA	NA	1.3	1	Positive
61	Single Family	1st Floor	Nook	4	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1	1	Positive
62	Single Family	1st Floor	Nook	4	B	Wall	Wall	Plaster	Olive	Deteriorated	Moisture	NA	NA	NA	1	1	Positive
63	Single Family	1st Floor	Nook	4	C	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.1	1	Positive
64	Single Family	1st Floor	Nook	4	C	Wall	Trim	Wood	White	Intact	None	NA	NA	NA	0.1	1	Negative
65	Single Family	1st Floor	Nook	4	C	Wall	Vent	Metal	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
66	Single Family	1st Floor	Nook	4	D	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.3	1	Positive
67	Single Family	1st Floor	Nook	4	C	Window	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.3	1	Negative
68	Single Family	1st Floor	Nook	4	C	Window	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.8	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
69	Single Family	1st Floor	Nook	4	D	Door	Stile	Wood	White	Deteriorated	Substrate	NA	NA	NA	0	1	Negative
70	Single Family	1st Floor	Nook	4	D	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.2	1	Positive
71	Single Family	1st Floor	Nook	4	B	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
72	Single Family	1st Floor	Nook	4	B	Door	Stop	Wood	White	Intact	None	NA	NA	NA	2	1	Positive
73	Single Family	1st Floor	Nook	4	A	Cabinet	Door	Wood	White	Intact	None	NA	NA	NA	0	1	Negative
74	Single Family	1st Floor	Nook	4	A	Cabinet	Shelf	Wood	White	Intact	None	NA	NA	NA	0.9	1	Negative
75	Single Family	1st Floor	Nook	4	A	Cabinet	Drawer	Wood	White	Intact	None	NA	NA	NA	0	1	Negative
76	Single Family	1st Floor	Dining Room	5	N/A	Ceiling	Ceiling	Plaster	Off White	Deteriorated	Moisture	NA	NA	NA	0.3	1	Negative
77	Single Family	1st Floor	Dining Room	5	N/A	Wall	Crown Molding	Wood	Light Gray	Deteriorated	Moisture	NA	NA	NA	1.1	1	Positive
78	Single Family	1st Floor	Dining Room	5	A	Wall	Wall	Plaster	Light Gray	Intact	None	NA	NA	NA	0.8	1	Negative
79	Single Family	1st Floor	Dining Room	5	A	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.8	1	Negative
80	Single Family	1st Floor	Dining Room	5	A	Wall	Wall	Plaster	Dark Gray	Intact	None	NA	NA	NA	0.5	1	Negative
81	Single Family	1st Floor	Dining Room	5	B	Wall	Wall	Plaster	Dark Gray	Deteriorated	Moisture	NA	NA	NA	0.6	1	Negative
82	Single Family	1st Floor	Dining Room	5	B	Wall	Wall	Plaster	Light Gray	Deteriorated	Moisture	NA	NA	NA	0.7	1	Negative
83	Single Family	1st Floor	Dining Room	5	B	Wall	Wall	Plaster	White	Deteriorated	Moisture	NA	NA	NA	0.8	1	Negative
84	Single Family	1st Floor	Dining Room	5	B	Wall	Baseboard	Wood	White	Deteriorated	Moisture	NA	NA	NA	0	1	Negative
85	Single Family	1st Floor	Dining Room	5	C	Wall	Baseboard	Plaster	White	Intact	None	NA	NA	NA	0.6	1	Negative
86	Single Family	1st Floor	Dining Room	5	C	Wall	Baseboard	Plaster	Light Gray	Intact	None	NA	NA	NA	0.7	1	Negative
87	Single Family	1st Floor	Dining Room	5	C	Wall	Baseboard	Plaster	Dark Gray	Intact	None	NA	NA	NA	0.5	1	Negative
88	Single Family	1st Floor	Dining Room	5	D	Wall	Baseboard	Plaster	Off White	Deteriorated	Moisture	NA	NA	NA	0.7	1	Negative
89	Single Family	1st Floor	Dining Room	5	D	Wall	Radiator Cover	Metal	Light Gray	Intact	None	NA	NA	NA	0.6	1	Negative
90	Single Family	1st Floor	Dining Room	5	B	Door	Casing	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
91	Single Family	1st Floor	Dining Room	5	B	Door	Jamb	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	2.8	1	Positive
92	Single Family	1st Floor	Dining Room	5	C	Window1	Sash	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	3.2	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
93	Single Family	1st Floor	Dining Room	5	C	Window1	Sill	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
94	Single Family	1st Floor	Dining Room	5	C	Window2	Mullion	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	3.1	1	Positive
95	Single Family	1st Floor	Dining Room	5	C	Window2	Apron	Wood	Off White	Intact	None	NA	NA	NA	2.7	1	Positive
96	Single Family	1st Floor	Dining Room	5	D	Window	Sill	Wood	Off White	Deteriorated	Substrate	NA	NA	NA	2.6	1	Positive
97	Single Family	1st Floor	Dining Room	5	D	Window	Sash	Wood	Off White	Intact	None	NA	NA	NA	0	1	Negative
98	Single Family	1st Floor	Living Room	6	N/A	Ceiling	Ceiling	Plaster	White	Intact	None	NA	NA	NA	0.3	1	Negative
99	Single Family	1st Floor	Living Room	6	N/A	Wall	Crown Molding	Wood	Light Gray	Intact	None	NA	NA	NA	1.6	1	Positive
100	Single Family	1st Floor	Living Room	6	A	Wall	Wall	Plaster	Off White	Intact	None	NA	NA	NA	0.3	1	Negative
101	Single Family	1st Floor	Living Room	6	B	Wall	Wall	Plaster	Off White	Intact	None	NA	NA	NA	0.3	1	Negative
102	Single Family	1st Floor	Living Room	6	C	Wall	Wall	Plaster	Off White	Deteriorated	Substrate	NA	NA	NA	0.3	1	Negative
103	Single Family	1st Floor	Living Room	6	D	Wall	Wall	Plaster	Off White	Deteriorated	Substrate	NA	NA	NA	1.3	1	Positive
104	Single Family	1st Floor	Living Room	6	D	Wall	Mantel	Wood	Off White	Intact	None	NA	NA	NA	0.2	1	Negative
105	Single Family	1st Floor	Living Room	6	A	Wall	Radiator Cover	Metal	Off White	Intact	None	NA	NA	NA	0.6	1	Negative
106	Single Family	1st Floor	Living Room	6	A	Window1	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
107	Single Family	1st Floor	Living Room	6	A	Window1	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
108	Single Family	1st Floor	Living Room	6	A	Window2	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
109	Single Family	1st Floor	Living Room	6	A	Window2	Mullion	Wood	White	Intact	None	NA	NA	NA	0	1	Negative
110	Single Family	1st Floor	Living Room	6	A	Window3	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
111	Single Family	1st Floor	Living Room	6	A	Window3	Apron	Wood	White	Intact	None	NA	NA	NA	0.3	1	Negative
112	Single Family	1st Floor	Living Room	6	D	Window1	Apron	Wood	White	Intact	None	NA	NA	NA	0	1	Negative
113	Single Family	1st Floor	Living Room	6	D	Window1	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
114	Single Family	1st Floor	Living Room	6	D	Window2	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
115	Single Family	1st Floor	Living Room	6	D	Window2	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
116	Single Family	1st Floor	Living Room	6	D	Wall	Baseboard	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
117	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1	1	Positive
118	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1	1	Positive
119	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.9	1	Negative
120	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	1	Negative
121	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.1	1	Negative
122	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.1	1	Negative
123	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	Positive
124	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.9	1	Negative
125	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	Positive
126	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.2	1	Negative
127	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	1	Negative
128	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	1	Negative
129	Single Family	1st Floor	Stairwell1	7	N/A	Ceiling	Ceiling	Plaster	White	Deteriorated	Substrate	NA	NA	NA	1.1	1	Positive
130	Single Family	1st Floor	Stairwell1	7	A	Ceiling	Crown Molding	Wood	White	Intact	None	NA	NA	NA	0.2	1	Negative
131	Single Family	1st Floor	Stairwell1	7	A	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
132	Single Family	1st Floor	Stairwell1	7	B	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
133	Single Family	1st Floor	Stairwell1	7	C	Wall	Wall	Plaster	Beige	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
134	Single Family	1st Floor	Stairwell1	7	D	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.8	1	Negative
135	Single Family	1st Floor	Stairwell1	7	B	Window	Casing	Wood	Varnish	Intact	None	NA	NA	NA	-0.2	1	Negative
136	Single Family	1st Floor	Stairwell1	7	B	Window	Sash	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
137	Single Family	1st Floor	Stairwell1	7	A	Radiator	Cover	Metal	White	Intact	None	NA	NA	NA	0.6	1	Negative
138	Single Family	1st Floor	Stairwell1	7	B	Wall	Baseboard	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
139	Single Family	1st Floor	Stairwell1	7	C	Stair	Stringer	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
140	Single Family	1st Floor	Stairwell1	7	C	Stair	Riser	Wood	Brown	Deteriorated	Substrate	NA	NA	NA	0	1	Negative
141	Single Family	1st Floor	Stairwell1	7	C	Stair	Tread	Wood	Brown	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
142	Single Family	1st Floor	Stairwell1	7	A	Stair	Newel Post	Wood	Varnish	Intact	None	NA	NA	NA	-0.2	1	Negative
143	Single Family	2nd Floor	Bathroom1	8	N/A	Ceiling	Ceiling	Plaster	White	Deteriorated	Moisture	NA	NA	NA	3.6	1	Positive
144	Single Family	2nd Floor	Bathroom1	8	D	Ceiling	Crown Molding	Wood	White	Intact	None	NA	NA	NA	2.7	1	Positive
145	Single Family	2nd Floor	Bathroom1	8	D	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.9	1	Positive
146	Single Family	2nd Floor	Bathroom1	8	D	Door	Stile	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.9	1	Positive
147	Single Family	2nd Floor	Bathroom1	8	B	Window	Stop	Wood	White	Intact	None	NA	NA	NA	2.2	1	Positive
148	Single Family	2nd Floor	Bathroom1	8	B	Window	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.8	1	Positive
149	Single Family	2nd Floor	Bathroom1	8	D	Radiator	Cover	Metal	White	Intact	None	NA	NA	NA	0	1	Negative
150	Single Family	2nd Floor	Bedroom1	9	N/A	Ceiling	Ceiling	Plaster	Yellow	Deteriorated	Moisture	NA	NA	NA	0.3	1	Negative
151	Single Family	2nd Floor	Bedroom1	9	N/A	Ceiling	Crown Molding	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
152	Single Family	2nd Floor	Bedroom1	9	A	Wall	Wall	Plaster	Yellow	Intact	None	NA	NA	NA	0.1	1	Negative
153	Single Family	2nd Floor	Bedroom1	9	B	Wall	Wall	Plaster	Yellow	Deteriorated	Substrate	NA	NA	NA	0.3	1	Negative
154	Single Family	2nd Floor	Bedroom1	9	C	Wall	Wall	Plaster	Yellow	Deteriorated	Substrate	NA	NA	NA	0.3	1	Negative
155	Single Family	2nd Floor	Bedroom1	9	D	Wall	Wall	Plaster	Yellow	Intact	None	NA	NA	NA	0.3	1	Negative
156	Single Family	2nd Floor	Bedroom1	9	A	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
157	Single Family	2nd Floor	Bedroom1	9	A	Door	Casing	Wood	White	Intact	None	NA	NA	NA	4.3	1	Positive
158	Single Family	2nd Floor	Bedroom1	9	A	Door	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
159	Single Family	2nd Floor	Bedroom1	9	B	Door1	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	4.3	1	Positive
160	Single Family	2nd Floor	Bedroom1	9	B	Door1	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	3.5	1	Positive
161	Single Family	2nd Floor	Bedroom1	9	B	Door2	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	4.2	1	Positive
162	Single Family	2nd Floor	Bedroom1	9	B	Door2	Stile	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
163	Single Family	2nd Floor	Bedroom1	9	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
164	Single Family	2nd Floor	Bedroom1	9	C	Door	Stile	Wood	Varnish	Intact	None	NA	NA	NA	-0.2	1	Negative
165	Single Family	2nd Floor	Bedroom1	9	C	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	4.5	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
166	Single Family	2nd Floor	Bedroom1	9	C	Window	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
167	Single Family	2nd Floor	Bedroom1	9	C	Window	Sill	Wood	White	Deteriorated	Moisture	NA	NA	NA	0.3	1	Negative
168	Single Family	2nd Floor	Bedroom1	9	D	Window	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.8	1	Positive
169	Single Family	2nd Floor	Bedroom1	9	D	Window	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	3	1	Positive
170	Single Family	2nd Floor	Bedroom1	9	C	Radiator	Cover	Metal	Beige	Intact	None	NA	NA	NA	0.3	1	Negative
171	Single Family	2nd Floor	Bedroom1	9	A	Ceiling	Ceiling	Plaster	Beige	Intact	None	NA	NA	NA	0	1	Negative
172	Single Family	2nd Floor	Bedroom1	9	A	Closet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	0	1	Negative
173	Single Family	2nd Floor	Bedroom1	9	A	Closet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.2	1	Negative
174	Single Family	2nd Floor	Bedroom1	9	A	Closet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	0	1	Negative
175	Single Family	2nd Floor	Bedroom1	9	A	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	0.2	1	Negative
176	Single Family	2nd Floor	Bedroom1	9	A	Closet	Shelf	Wood	Beige	Intact	None	NA	NA	NA	3.9	1	Positive
177	Single Family	2nd Floor	Bedroom1	9	N/A	Floor	Floor	Wood	Varnish	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
178	Single Family	2nd Floor	Bedroom2	10	N/A	Ceiling	Ceiling	Plaster	Gray	Intact	Substrate	NA	NA	NA	0.3	1	Negative
179	Single Family	2nd Floor	Bedroom2	10	N/A	Ceiling	Crown Molding	Wood	White	Intact	Substrate	NA	NA	NA	3.5	1	Positive
180	Single Family	2nd Floor	Bedroom2	10	A	Wall	Wall	Plaster	Gray	Intact	Substrate	NA	NA	NA	0.3	1	Negative
181	Single Family	2nd Floor	Bedroom2	10	B	Wall	Wall	Plaster	Gray	Intact	Substrate	NA	NA	NA	0.1	1	Negative
182	Single Family	2nd Floor	Bedroom2	10	C	Wall	Wall	Plaster	Gray	Intact	Substrate	NA	NA	NA	0.1	1	Negative
183	Single Family	2nd Floor	Bedroom2	10	D	Wall	Wall	Plaster	Gray	Intact	Substrate	NA	NA	NA	0.1	1	Negative
184	Single Family	2nd Floor	Bedroom2	10	D	Wall	Baseboard	Wood	White	Intact	Substrate	NA	NA	NA	4	1	Positive
185	Single Family	2nd Floor	Bedroom2	10	D	Window1	Casing	Wood	White	Intact	None	NA	NA	NA	2.5	1	Positive
186	Single Family	2nd Floor	Bedroom2	10	D	Window1	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
187	Single Family	2nd Floor	Bedroom2	10	D	Window2	Stop	Wood	White	Intact	None	NA	NA	NA	2.4	1	Positive
188	Single Family	2nd Floor	Bedroom2	10	D	Window2	Sill	Wood	White	Intact	None	NA	NA	NA	0.3	1	Negative
189	Single Family	2nd Floor	Bedroom2	10	A	Window	Casing	Wood	White	Intact	None	NA	NA	NA	3.6	1	Positive
190	Single Family	2nd Floor	Bedroom2	10	A	Window	Apron	Wood	White	Intact	None	NA	NA	NA	3.1	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
191	Single Family	2nd Floor	Bedroom2	10	A	Radiator	Radiator Cover	Metal	Beige	Intact	None	NA	NA	NA	0.3	1	Negative
192	Single Family	2nd Floor	Bedroom2	10	B	Door1	Casing	Wood	White	Intact	None	NA	NA	NA	3.7	1	Positive
193	Single Family	2nd Floor	Bedroom2	10	B	Door1	Jamb	Wood	Beige	Intact	None	NA	NA	NA	4	1	Positive
194	Single Family	2nd Floor	Bedroom2	10	B	Door2	Casing	Wood	White	Intact	None	NA	NA	NA	3	1	Positive
195	Single Family	2nd Floor	Bedroom2	10	B	Door2	Stile	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
196	Single Family	2nd Floor	Bedroom2	10	B	Door	Casing	Wood	White	Intact	None	NA	NA	NA	3.3	1	Positive
197	Single Family	2nd Floor	Bedroom2	10	B	Door	Jamb	Wood	Beige	Intact	None	NA	NA	NA	4.3	1	Positive
198	Single Family	2nd Floor	Bedroom2	10	C	Closet	Ceiling	Plaster	Beige	Intact	None	NA	NA	NA	0.3	1	Negative
199	Single Family	2nd Floor	Bedroom2	10	C	Closet	A Wall	Plaster	Beige	Intact	None	NA	NA	NA	0	1	Negative
200	Single Family	2nd Floor	Bedroom2	10	C	Closet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.6	1	Negative
201	Single Family	2nd Floor	Bedroom2	10	C	Closet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.5	1	Negative
202	Single Family	2nd Floor	Bedroom2	10	C	Closet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	0	1	Negative
203	Single Family	2nd Floor	Bedroom2	10	C	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	4.5	1	Positive
204	Single Family	2nd Floor	Bedroom2	10	C	Closet	Shelf	Wood	Beige	Intact	None	NA	NA	NA	0	1	Negative
205	Single Family	2nd Floor	Bedroom2	10	B	Closet	Ceiling	Plaster	Beige	Intact	None	NA	NA	NA	0.1	1	Negative
206	Single Family	2nd Floor	Bedroom2	10	B	Closet	A Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.5	1	Negative
207	Single Family	2nd Floor	Bedroom2	10	B	Closet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	-0.1	1	Negative
208	Single Family	2nd Floor	Bedroom2	10	B	Closet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.4	1	Negative
209	Single Family	2nd Floor	Bedroom2	10	B	Closet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.4	1	Negative
210	Single Family	2nd Floor	Bedroom2	10	B	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	4.1	1	Positive
211	Single Family	2nd Floor	Bedroom2	10	B	Closet	Shelf	Wood	Beige	Intact	None	NA	NA	NA	4.8	1	Positive
212	Single Family	2nd Floor	Bedroom3	11	N/A	Ceiling	Ceiling	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
213	Single Family	2nd Floor	Bedroom3	11	N/A	Ceiling	Crown Molding	Wood	Beige	Intact	None	NA	NA	NA	0.1	1	Negative
214	Single Family	2nd Floor	Bedroom3	11	A	Wall	Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.1	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
215	Single Family	2nd Floor	Bedroom3	11	B	Wall	Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.3	1	Negative
216	Single Family	2nd Floor	Bedroom3	11	C	Wall	Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.1	1	Negative
217	Single Family	2nd Floor	Bedroom3	11	D	Wall	Wall	Plaster	Beige	Intact	None	NA	NA	NA	0.2	1	Negative
218	Single Family	2nd Floor	Bedroom3	11	D	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	3.2	1	Positive
219	Single Family	2nd Floor	Bedroom3	11	D	Door	Stop	Wood	White	Intact	None	NA	NA	NA	2.9	1	Positive
220	Single Family	2nd Floor	Bedroom3	11	D	Door	Stile	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
221	Single Family	2nd Floor	Bedroom3	11	C	Door	Stile	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
222	Single Family	2nd Floor	Bedroom3	11	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	2.3	1	Positive
223	Single Family	2nd Floor	Bedroom3	11	B	Window	Sash	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.8	1	Positive
224	Single Family	2nd Floor	Bedroom3	11	B	Window	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
225	Single Family	2nd Floor	Bedroom3	11	A	Window	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.1	1	Positive
226	Single Family	2nd Floor	Bedroom3	11	A	Window	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
227	Single Family	2nd Floor	Bedroom3	11	B	Radiator	Cover	Metal	White	Intact	None	NA	NA	NA	0.2	1	Negative
228	Single Family	2nd Floor	Bedroom3	11	D	Closet	Ceiling	Plaster	White	Intact	None	NA	NA	NA	0.6	1	Negative
229	Single Family	2nd Floor	Bedroom3	11	D	Closet	A Wall	Plaster	White	Intact	None	NA	NA	NA	0.5	1	Negative
230	Single Family	2nd Floor	Bedroom3	11	D	Closet	B Wall	Plaster	White	Intact	None	NA	NA	NA	-0.1	1	Negative
231	Single Family	2nd Floor	Bedroom3	11	D	Closet	C Wall	Plaster	White	Intact	None	NA	NA	NA	0.5	1	Negative
232	Single Family	2nd Floor	Bedroom3	11	D	Closet	D Wall	Plaster	White	Intact	None	NA	NA	NA	0.1	1	Negative
233	Single Family	2nd Floor	Bedroom3	11	D	Closet	Shelf	Wood	White	Intact	None	NA	NA	NA	6.6	1	Positive
234	Single Family	2nd Floor	Hallway	12	N/A	Ceiling	Ceiling	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
235	Single Family	2nd Floor	Hallway	12	N/A	Ceiling	Crown Molding	Wood	White	Intact	None	NA	NA	NA	0	1	Negative
236	Single Family	2nd Floor	Hallway	12	A	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.1	1	Negative
237	Single Family	2nd Floor	Hallway	12	B	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.2	1	Negative
238	Single Family	2nd Floor	Hallway	12	C	Wall	Wall	Plaster	Gray	Deteriorated	Moisture	NA	NA	NA	0.3	1	Negative
239	Single Family	2nd Floor	Hallway	12	D	Wall	Wall	Plaster	Gray	Deteriorated	Moisture	NA	NA	NA	0.4	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
240	Single Family	2nd Floor	Hallway	12	D	Wall	Baseboard	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
241	Single Family	2nd Floor	Hallway	12	D	Door1	Casing	Wood	Varnish	Intact	None	NA	NA	NA	-0.2	1	Negative
242	Single Family	2nd Floor	Hallway	12	D	Door1	Rail	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
243	Single Family	2nd Floor	Hallway	12	D	Door2	Rail	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
244	Single Family	2nd Floor	Hallway	12	D	Door2	Jamb	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
245	Single Family	2nd Floor	Hallway	12	C	Door	Casing	Wood	Varnish	Intact	None	NA	NA	NA	-0.2	1	Negative
246	Single Family	2nd Floor	Hallway	12	C	Door	Jamb	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
247	Single Family	2nd Floor	Hallway	12	B	Door	Jamb	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
248	Single Family	2nd Floor	Hallway	12	B	Door1	Casing	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
249	Single Family	2nd Floor	Hallway	12	B	Door2	Casing	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
250	Single Family	2nd Floor	Hallway	12	B	Door2	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0.3	1	Negative
251	Single Family	2nd Floor	Hallway	12	C	Cabinet	Door	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
252	Single Family	2nd Floor	Hallway	12	C	Cabinet	Drawer	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
253	Single Family	2nd Floor	Hallway	12	C	Cabinet	Ceiling	Plaster	Beige	Intact	None	NA	NA	NA	0.1	1	Negative
254	Single Family	2nd Floor	Hallway	12	C	Cabinet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	2.1	1	Positive
255	Single Family	2nd Floor	Hallway	12	C	Cabinet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	2.2	1	Positive
256	Single Family	2nd Floor	Hallway	12	C	Cabinet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
257	Single Family	2nd Floor	Hallway	12	C	Closet	Ceiling	Plaster	Beige	Intact	None	NA	NA	NA	1.4	1	Positive
258	Single Family	2nd Floor	Hallway	12	C	Closet	B Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
259	Single Family	2nd Floor	Hallway	12	C	Closet	C Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.6	1	Positive
260	Single Family	2nd Floor	Hallway	12	C	Closet	D Wall	Plaster	Beige	Intact	None	NA	NA	NA	1.4	1	Positive
261	Single Family	2nd Floor	Hallway	12	C	Closet	Rail	Wood	Beige	Intact	None	NA	NA	NA	1.5	1	Positive
262	Single Family	3rd Floor	Stairwell2	13	A	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0	1	Negative
263	Single Family	3rd Floor	Stairwell2	13	A	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	0	1	Negative
264	Single Family	3rd Floor	Stairwell2	13	B	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	-0.1	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
265	Single Family	3rd Floor	Stairwell2	13	B	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.1	1	Negative
266	Single Family	3rd Floor	Stairwell2	13	C	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.1	1	Negative
267	Single Family	3rd Floor	Stairwell2	13	C	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
268	Single Family	3rd Floor	Stairwell2	13	D	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
269	Single Family	3rd Floor	Stairwell2	13	D	Door	Casing	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
270	Single Family	3rd Floor	Stairwell2	13	D	Door	Panel	Wood	Varnish	Intact	None	NA	NA	NA	-0.2	1	Negative
271	Single Family	3rd Floor	Stairwell2	13	B	Window	Casing	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
272	Single Family	3rd Floor	Stairwell2	13	B	Window	Sill	Wood	Varnish	Intact	None	NA	NA	NA	-0.3	1	Negative
273	Single Family	3rd Floor	Stairwell2	13	A	Window	Sill	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
274	Single Family	3rd Floor	Stairwell2	13	A	Window	Sash	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
275	Single Family	3rd Floor	Stairwell2	13	A	Wall	Baseboard	Wood	Varnish	Intact	None	NA	NA	NA	-0.2	1	Negative
276	Single Family	3rd Floor	Stairwell2	13	A	Stair	Stringer	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
277	Single Family	3rd Floor	Stairwell2	13	B	Stair	Riser	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
278	Single Family	3rd Floor	Stairwell2	13	B	Stair	Tread	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
279	Single Family	3rd Floor	Stairwell2	13	C	Stair	Baluster	Wood	Varnish	Intact	None	NA	NA	NA	0.2	1	Negative
280	Single Family	3rd Floor	Bathroom2	14	N/A	Ceiling	Ceiling	Drywall	White	Intact	None	NA	NA	NA	2.1	1	Positive
281	Single Family	3rd Floor	Bathroom2	14	N/A	Ceiling	Crown Molding	Drywall	White	Intact	None	NA	NA	NA	2.1	1	Positive
282	Single Family	3rd Floor	Bathroom2	14	A	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	2.1	1	Positive
283	Single Family	3rd Floor	Bathroom2	14	A	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	1.6	1	Positive
284	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Green	Deteriorated	Moisture	NA	NA	NA	2	1	Positive
285	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Red	Intact	None	NA	NA	NA	1.5	1	Positive
286	Single Family	3rd Floor	Bathroom2	14	B	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	1.2	1	Positive
287	Single Family	3rd Floor	Bathroom2	14	B	Wall	Chair Rail	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
288	Single Family	3rd Floor	Bathroom2	14	B	Cabinet	Door	Metal	White	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative
289	Single Family	3rd Floor	Bathroom2	14	B	Cabinet	Casing	Metal	White	Deteriorated	Moisture	NA	NA	NA	0.4	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
290	Single Family	3rd Floor	Bathroom2	14	C	Wall	Wall	Plaster	Green	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
291	Single Family	3rd Floor	Bathroom2	14	D	Wall	Wall	Plaster	Green	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
292	Single Family	3rd Floor	Bathroom2	14	D	Wall	Wall	Plaster	Red	Intact	None	NA	NA	NA	2.2	1	Positive
293	Single Family	3rd Floor	Bathroom2	14	D	Wall	Wall	Plaster	Gray	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
294	Single Family	3rd Floor	Bathroom2	14	C	Window1	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.2	1	Positive
295	Single Family	3rd Floor	Bathroom2	14	C	Window1	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
296	Single Family	3rd Floor	Bathroom2	14	C	Window2	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.6	1	Positive
297	Single Family	3rd Floor	Bathroom2	14	C	Window2	Mullion	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.6	1	Positive
298	Single Family	3rd Floor	Bathroom2	14	A	Door	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.5	1	Positive
299	Single Family	3rd Floor	Bathroom2	14	A	Door	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
300	Single Family	3rd Floor	Bathroom2	14	A	Door	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
301	Single Family	3rd Floor	Bathroom2	14	D	Wall	Radiator	Metal	Pink	Intact	None	NA	NA	NA	2	1	Positive
302	Single Family	3rd Floor	Bedroom4	15	N/A	Ceiling	Ceiling	Plaster	Gray	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative
303	Single Family	3rd Floor	Bedroom4	15	A	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0	1	Negative
304	Single Family	3rd Floor	Bedroom4	15	A	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	0.3	1	Negative
305	Single Family	3rd Floor	Bedroom4	15	A	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.1	1	Negative
306	Single Family	3rd Floor	Bedroom4	15	B	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0	1	Negative
307	Single Family	3rd Floor	Bedroom4	15	B	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0	1	Negative
308	Single Family	3rd Floor	Bedroom4	15	C	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.3	1	Negative
309	Single Family	3rd Floor	Bedroom4	15	C	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	0	1	Negative
310	Single Family	3rd Floor	Bedroom4	15	D	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	0.2	1	Negative
311	Single Family	3rd Floor	Bedroom4	15	D	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.3	1	Negative
312	Single Family	3rd Floor	Bedroom4	15	C	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	0.8	1	Negative
313	Single Family	3rd Floor	Bedroom4	15	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	0.5	1	Negative
314	Single Family	3rd Floor	Bedroom4	15	C	Door	Stile	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
315	Single Family	3rd Floor	Bedroom4	15	B	Door1	Stile	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
316	Single Family	3rd Floor	Bedroom4	15	B	Door1	Casing	Wood	White	Intact	None	NA	NA	NA	0.7	1	Negative
317	Single Family	3rd Floor	Bedroom4	15	B	Door2	Casing	Wood	White	Intact	None	NA	NA	NA	0.6	1	Negative
318	Single Family	3rd Floor	Bedroom4	15	B	Door2	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
319	Single Family	3rd Floor	Bedroom4	15	C	Window	Casing	Wood	White	Intact	None	NA	NA	NA	0.7	1	Negative
320	Single Family	3rd Floor	Bedroom4	15	C	Window	Sill	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.6	1	Negative
321	Single Family	3rd Floor	Bedroom4	15	B	Radiator	Radiator	Metal	White	Intact	None	NA	NA	NA	3	1	Positive
322	Single Family	3rd Floor	Bedroom4	15	B	Closet	Ceiling	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
323	Single Family	3rd Floor	Bedroom4	15	B	Closet	A Wall	Plaster	White	Intact	None	NA	NA	NA	0.1	1	Negative
324	Single Family	3rd Floor	Bedroom4	15	B	Closet	B Wall	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
325	Single Family	3rd Floor	Bedroom4	15	B	Closet	C Wall	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
326	Single Family	3rd Floor	Bedroom4	15	B	Closet	D Wall	Plaster	White	Intact	None	NA	NA	NA	0	1	Negative
327	Single Family	3rd Floor	Bedroom4	15	B	Closet	Rail	Wood	White	Intact	None	NA	NA	NA	0.4	1	Negative
328	Single Family	3rd Floor	Bedroom4	15	B	Closet	Shelf	Wood	White	Intact	None	NA	NA	NA	0.4	1	Negative
329	Single Family	3rd Floor	Study	16	N/A	Ceiling	Ceiling	Plaster	Gray	Intact	None	NA	NA	NA	0.1	1	Negative
330	Single Family	3rd Floor	Study	16	A	Wall	Wall	Plaster	Green	Intact	None	NA	NA	NA	0.2	1	Negative
331	Single Family	3rd Floor	Study	16	B	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.2	1	Negative
332	Single Family	3rd Floor	Study	16	C	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.2	1	Negative
333	Single Family	3rd Floor	Study	16	D	Wall	Wall	Plaster	Gray	Intact	None	NA	NA	NA	0.2	1	Negative
334	Single Family	3rd Floor	Study	16	C	Wall	Baseboard	Wood	White	Intact	None	NA	NA	NA	0.7	1	Negative
335	Single Family	3rd Floor	Study	16	C	Door	Casing	Wood	White	Intact	None	NA	NA	NA	0.7	1	Negative
336	Single Family	3rd Floor	Study	16	C	Door	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
337	Single Family	3rd Floor	Study	16	D	Door	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
338	Single Family	3rd Floor	Study	16	D	Door	Casing	Wood	White	Intact	None	NA	NA	NA	0.5	1	Negative
339	Single Family	3rd Floor	Study	16	C	Window	Casing	Wood	White	Intact	None	NA	NA	NA	0.5	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
340	Single Family	3rd Floor	Study	16	C	Window	Sash	Wood	White	Intact	None	NA	NA	NA	0.5	1	Negative
341	Single Family	3rd Floor	Hallway	17	N/A	Ceiling	Ceiling	Plaster	White	Deteriorated	Moisture	NA	NA	NA	0	1	Negative
342	Single Family	3rd Floor	Hallway	17	A	Wall	Wall	Plaster	White	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative
343	Single Family	3rd Floor	Hallway	17	A	Wall	Wall	Plaster	Green	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative
344	Single Family	3rd Floor	Hallway	17	A	Wall	Wall	Plaster	Gray	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative
345	Single Family	3rd Floor	Hallway	17	D	Wall	Wall	Plaster	Gray	Deteriorated	Moisture	NA	NA	NA	0.1	1	Negative
346	Single Family	3rd Floor	Hallway	17	D	Wall	Wall	Plaster	Pink	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative
347	Single Family	3rd Floor	Hallway	17	D	Wall	Wall	Plaster	White	Intact	None	NA	NA	NA	0.3	1	Negative
348	Single Family	3rd Floor	Hallway	17	D	Wall	Baseboard	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
349	Single Family	3rd Floor	Hallway	17	D	Door	Casing	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
350	Single Family	3rd Floor	Hallway	17	D	Door	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
351	Single Family	3rd Floor	Hallway	17	A	Door	Panel	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
352	Single Family	3rd Floor	Hallway	17	A	Door	Casing	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
353	Single Family	3rd Floor	Hallway	17	C	Door1	Casing	Wood	Varnish	Intact	None	NA	NA	NA	0	1	Negative
354	Single Family	3rd Floor	Hallway	17	C	Door1	Stile	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
355	Single Family	3rd Floor	Hallway	17	C	Door2	Stile	Wood	Varnish	Intact	None	NA	NA	NA	-0.1	1	Negative
356	Single Family	3rd Floor	Hallway	17	C	Door2	Casing	Wood	Varnish	Intact	None	NA	NA	NA	0.1	1	Negative
357	Single Family	1st Floor	Stairwell3	18	N/A	Ceiling	Ceiling	Plaster	Olive	Intact	None	NA	NA	NA	1.2	1	Positive
358	Single Family	1st Floor	Stairwell3	18	A	Wall	Wall	Plaster	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
359	Single Family	1st Floor	Stairwell3	18	A	Wall	Trim	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.2	1	Positive
360	Single Family	1st Floor	Stairwell3	18	A	Wall	Baseboard	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.4	1	Positive
361	Single Family	1st Floor	Stairwell3	18	B	Wall	Wall	Plaster	Olive	Deteriorated	Substrate	NA	NA	NA	1	1	Positive
362	Single Family	1st Floor	Stairwell3	18	B	Wall	Access Panel	Metal	Olive	Intact	None	NA	NA	NA	1.4	1	Positive
363	Single Family	1st Floor	Stairwell3	18	B	Wall	Chute Casing	Metal	Olive	Intact	None	NA	NA	NA	1	1	Positive
364	Single Family	1st Floor	Stairwell3	18	C	Wall	Wall	Plaster	Olive	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
365	Single Family	1st Floor	Stairwell3	18	D	Wall	Wall	Plaster	Olive	Deteriorated	Substrate	NA	NA	NA	1.1	1	Positive
366	Single Family	1st Floor	Stairwell3	18	D	Door	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.6	1	Positive
367	Single Family	1st Floor	Stairwell3	18	D	Door	Stop	Wood	White	Deteriorated	Substrate	NA	NA	NA	3	1	Positive
368	Single Family	1st Floor	Stairwell3	18	B	Door	Casing	Wood	White	Deteriorated	Substrate	NA	NA	NA	3.5	1	Positive
369	Single Family	1st Floor	Stairwell3	18	B	Door	Panel	Wood	Varnish	Deteriorated	Substrate	NA	NA	NA	1.6	1	Positive
370	Single Family	1st Floor	Stairwell3	18	B	Stair	Riser	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.5	1	Negative
371	Single Family	1st Floor	Stairwell3	18	B	Stair	Tread	Wood	Varnish	Deteriorated	Substrate	NA	NA	NA	0.1	1	Negative
372	Single Family	1st Floor	Stairwell3	18	C	Stair	Stringer	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.3	1	Positive
373	Single Family	1st Floor	Stairwell3	18	C	Stair	Baluster	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.5	1	Positive
374	Single Family	1st Floor	Stairwell3	18	C	Stair	Newel Post	Wood	White	Deteriorated	Substrate	NA	NA	NA	0.4	1	Negative
375	Single Family	1st Floor	Stairwell3	18	C	Stair	Newel Post	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
376	Single Family	Basement	Stairwell3	18	B	Door	Panel	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
377	Single Family	Basement	Stairwell3	18	D	Door	Panel	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.5	1	Positive
378	Single Family	Basement	Stairwell3	18	D	Door	Stop	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
379	Single Family	Basement	Stairwell3	18	A	Door	Panel	Wood	White	Deteriorated	Substrate	NA	NA	NA	1.3	1	Positive
380	Single Family	Basement	Stairwell3	18	A	Door	Jamb	Wood	White	Deteriorated	Substrate	NA	NA	NA	2.6	1	Positive
381	Single Family	Basement	Basement	19	N/A	Floor	Floor	Concrete	Gray	Deteriorated	Substrate	NA	NA	NA	0.4	1	Negative
382	Single Family	Basement	Basement	19	N/A	Stanchion	Stanchion1	Metal	Green	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
383	Single Family	Basement	Basement	19	N/A	Stanchion	Stanchion2	Metal	Green	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
384	Single Family	Basement	Basement	19	A	Wall	Wall	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.4	1	Positive
385	Single Family	Basement	Basement	19	D	Door	Panel	Wood	Green	Deteriorated	Substrate	NA	NA	NA	0.2	1	Negative
386	Single Family	Basement	Basement	19	B	Window1	Casing	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	1.2	1	Positive
387	Single Family	Basement	Basement	19	B	Window1	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	17.6	1	Positive
388	Single Family	Basement	Basement	19	B	Window2	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	15.7	1	Positive
389	Single Family	Basement	Basement	19	B	Window2	Casing	Wood	Green	Deteriorated	Substrate	NA	NA	NA	0.5	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
390	Single Family	Basement	Basement	19	C	Window1	Sash	Wood	Green	Deteriorated	Substrate	NA	NA	NA	3.9	1	Positive
391	Single Family	Basement	Basement	19	C	Window2	Casing	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.7	1	Positive
392	Single Family	Basement	Basement	19	C	Window2	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	9.8	1	Positive
393	Single Family	Basement	Basement	19	C	Window3	Jamb	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	9.8	1	Positive
394	Single Family	Basement	Basement	19	C	Window3	Casing	Wood	Green	Deteriorated	Substrate	NA	NA	NA	1.9	1	Positive
395	Single Family	Basement	Mechanical Room	20	N/A	Floor	Floor	Concrete	Gray	Deteriorated	Substrate	NA	NA	NA	0	1	Negative
396	Single Family	Basement	Mechanical Room	20	B	Drain	Pipe	Metal	Black	Intact	None	NA	NA	NA	-0.1	1	Negative
397	Single Family	Basement	Mechanical Room	20	D	Window1	Casing	Wood	Gray	Deteriorated	Moisture	NA	NA	NA	1.7	1	Positive
398	Single Family	Basement	Mechanical Room	20	D	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14	1	Positive
399	Single Family	Basement	Mechanical Room	20	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.2	1	Positive
400	Single Family	Basement	Mechanical Room	20	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
401	Single Family	Basement	Mechanical Room	20	D	Wall	Chute	Metal	Black	Intact	None	NA	NA	NA	0.2	1	Negative
402	Single Family	Basement	Mechanical Room	20	D	Wall	Chute Casing	Metal	Black	Intact	None	NA	NA	NA	0.1	1	Negative
403	Single Family	Basement	Storage	21	A	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	2.1	1	Positive
404	Single Family	Basement	Storage	21	A	Wall	Shelf	Wood	Light Gray	Deteriorated	Substrate	NA	NA	NA	1.7	1	Positive
405	Single Family	Basement	Storage	21	C	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	1.9	1	Positive
406	Single Family	Basement	Storage	21	D	Wall	Wall	Wood	Light Gray	Intact	None	NA	NA	NA	1.8	1	Positive
407	Single Family	Basement	Storage	21	B	Window	Casing	Wood	Light Gray	Deteriorated	Moisture	NA	NA	NA	1.6	1	Positive
408	Single Family	Basement	Storage	21	B	Window	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.8	1	Positive
409	Single Family	Basement	Bathroom3	22	A	Wall	Wall	Wood	Tan	Intact	None	NA	NA	NA	1.4	1	Positive
410	Single Family	Basement	Bathroom3	22	B	Wall	Wall	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.1	1	Positive
411	Single Family	Basement	Bathroom3	22	C	Window	Casing	Wood	Tan	Intact	None	NA	NA	NA	1.7	1	Positive
412	Single Family	Basement	Bathroom3	22	C	Window	Jamb	Wood	Tan	Intact	None	NA	NA	NA	0.4	1	Negative
413	Single Family	Basement	Bathroom3	22	D	Wall	Wall	Wood	Tan	Intact	None	NA	NA	NA	1.5	1	Positive
414	Single Family	Basement	Bathroom3	22	D	Wall	Trim	Wood	Tan	Intact	None	NA	NA	NA	0.3	1	Negative

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
415	Single Family	Basement	Bathroom3	22	A	Wall	Wall	Wood	Gray	Deteriorated	Substrate	NA	NA	NA	1	1	Positive
416	Single Family	Basement	Bathroom3	22	A	Door	Panel	Wood	Tan	Deteriorated	Substrate	NA	NA	NA	1.9	1	Positive
417	Single Family	Basement	Bathroom3	22	A	Door	Stop	Wood	Tan	Intact	None	NA	NA	NA	0.4	1	Negative
418	Single Family	3rd Floor	Exterior	23	D	Window	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	0.6	1	Negative
419	Single Family	3rd Floor	Exterior	23	D	Window	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.2	1	Positive
420	Single Family	3rd Floor	Exterior	23	D	Window	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.4	1	Positive
421	Single Family	2nd Floor	Exterior	23	A	Window1	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	0.5	1	Negative
422	Single Family	2nd Floor	Exterior	23	A	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
423	Single Family	2nd Floor	Exterior	23	A	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.5	1	Positive
424	Single Family	2nd Floor	Exterior	23	A	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	0.4	1	Negative
425	Single Family	2nd Floor	Exterior	23	B	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.9	1	Positive
426	Single Family	2nd Floor	Exterior	23	B	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.8	1	Positive
427	Single Family	2nd Floor	Exterior	23	B	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.6	1	Positive
428	Single Family	2nd Floor	Exterior	23	B	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	6.7	1	Positive
429	Single Family	2nd Floor	Exterior	23	C	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1	1	Positive
430	Single Family	2nd Floor	Exterior	23	C	Window3	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14	1	Positive
431	Single Family	2nd Floor	Exterior	23	C	Door	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	15.1	1	Positive
432	Single Family	2nd Floor	Exterior	23	C	Door	Stile	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1	1	Positive
433	Single Family	2nd Floor	Exterior	23	C	Door	Threshold	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.5	1	Positive
434	Single Family	2nd Floor	Exterior	23	A	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.8	1	Positive
435	Single Family	2nd Floor	Exterior	23	A	Window1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.1	1	Positive
436	Single Family	2nd Floor	Exterior	23	A	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.2	1	Positive
437	Single Family	2nd Floor	Exterior	23	A	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.4	1	Positive
438	Single Family	1st Floor	Exterior	23	A	Window1	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.9	1	Positive
439	Single Family	1st Floor	Exterior	23	A	Window1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.2	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
440	Single Family	1st Floor	Exterior	23	A	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.2	1	Positive
441	Single Family	1st Floor	Exterior	23	A	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.9	1	Positive
442	Single Family	1st Floor	Exterior	23	A	Wall	Wall	Concrete	Gray	Intact	None	NA	NA	NA	-0.3	1	Negative
443	Single Family	1st Floor	Exterior	23	A	Porch	Column 1	Wood	White	Deteriorated	Moisture	NA	NA	NA	3.6	1	Positive
444	Single Family	1st Floor	Exterior	23	A	Porch	Column 2	Wood	White	Deteriorated	Moisture	NA	NA	NA	8.2	1	Positive
445	Single Family	1st Floor	Exterior	23	A	Porch	Column 3	Wood	White	Deteriorated	Moisture	NA	NA	NA	6.1	1	Positive
446	Single Family	1st Floor	Exterior	23	A	Porch	Column 4	Wood	White	Deteriorated	Moisture	NA	NA	NA	6.5	1	Positive
447	Single Family	1st Floor	Exterior	23	A	Door	Jamb	Wood	Gray	Intact	None	NA	NA	NA	-0.2	1	Negative
448	Single Family	3rd Floor	Exterior	23	B	Window	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.8	1	Positive
449	Single Family	3rd Floor	Exterior	23	B	Window	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	17.9	1	Positive
450	Single Family	2nd Floor	Exterior	23	B	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	18.2	1	Positive
451	Single Family	2nd Floor	Exterior	23	B	Window1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.4	1	Positive
452	Single Family	2nd Floor	Exterior	23	B	Window2	Casing	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	6.8	1	Positive
453	Single Family	2nd Floor	Exterior	23	B	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
454	Single Family	2nd Floor	Exterior	23	B	Window3	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.2	1	Positive
455	Single Family	2nd Floor	Exterior	23	B	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.9	1	Positive
456	Single Family	1st Floor	Exterior	23	B	Window1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14.4	1	Positive
457	Single Family	1st Floor	Exterior	23	B	Window1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.1	1	Positive
458	Single Family	1st Floor	Exterior	23	B	Window2	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.2	1	Positive
459	Single Family	1st Floor	Exterior	23	B	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.1	1	Positive
460	Single Family	1st Floor	Exterior	23	B	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.3	1	Positive
461	Single Family	1st Floor	Exterior	23	B	Window3	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.1	1	Positive
462	Single Family	1st Floor	Exterior	23	B	Window 4	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	9.8	1	Positive
463	Single Family	1st Floor	Exterior	23	B	Window 4	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.1	1	Positive
464	Single Family	1st Floor	Exterior	23	B	Window 5	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.3	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
465	Single Family	1st Floor	Exterior	23	B	Window 5	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14.1	1	Positive
466	Single Family	1st Floor	Exterior	23	C	Porch	Ceiling	Wood	Yellow	Intact	None	NA	NA	NA	0.1	1	Negative
467	Single Family	2nd Floor	Exterior	23	C	Window	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.7	1	Positive
468	Single Family	2nd Floor	Exterior	23	C	Window	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.2	1	Positive
469	Single Family	1st Floor	Exterior	23	C	Window1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.4	1	Positive
470	Single Family	1st Floor	Exterior	23	C	Window1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	11.3	1	Positive
471	Single Family	1st Floor	Exterior	23	C	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.1	1	Positive
472	Single Family	1st Floor	Exterior	23	C	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.7	1	Positive
473	Single Family	1st Floor	Exterior	23	C	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.4	1	Positive
474	Single Family	1st Floor	Exterior	23	C	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	7.8	1	Positive
475	Single Family	1st Floor	Exterior	23	C	Door	Panel	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
476	Single Family	1st Floor	Exterior	23	C	Door	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.3	1	Positive
477	Single Family	1st Floor	Exterior	23	C	Porch	Floor	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
478	Single Family	1st Floor	Exterior	23	C	Stair	Tread	Wood	Yellow	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
479	Single Family	1st Floor	Exterior	23	C	Stair	Riser	Wood	Yellow	Deteriorated	Moisture	NA	NA	NA	4.1	1	Positive
480	Single Family	1st Floor	Exterior	23	C	Porch	Column 1	Wood	White	Deteriorated	Moisture	NA	NA	NA	0.1	1	Negative
481	Single Family	1st Floor	Exterior	23	C	Porch	Column 2	Wood	White	Deteriorated	Moisture	NA	NA	NA	-0.1	1	Negative
482	Single Family	1st Floor	Exterior	23	C	Porch	Handrail	Wood	White	Deteriorated	Moisture	NA	NA	NA	-0.2	1	Negative
483	Single Family	1st Floor	Exterior	23	C	Door	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.4	1	Positive
484	Single Family	1st Floor	Exterior	23	C	Porch	Baluster	Wood	White	Deteriorated	Moisture	NA	NA	NA	0.1	1	Negative
485	Single Family	1st Floor	Exterior	23	C	Wall	Conductor Boot	Metal	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
486	Single Family	2nd Floor	Exterior	23	D	Window 1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	4.1	1	Positive
487	Single Family	2nd Floor	Exterior	23	D	Window 1	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	3.8	1	Positive
488	Single Family	2nd Floor	Exterior	23	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.2	1	Positive
489	Single Family	2nd Floor	Exterior	23	D	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.1	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
490	Single Family	2nd Floor	Exterior	23	D	Window3	Stop	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.8	1	Positive
491	Single Family	2nd Floor	Exterior	23	D	Window3	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	16.4	1	Positive
492	Single Family	1st Floor	Exterior	23	D	Window 1	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	17.2	1	Positive
493	Single Family	1st Floor	Exterior	23	D	Window 1	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	9.3	1	Positive
494	Single Family	1st Floor	Exterior	23	D	Window2	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	10.4	1	Positive
495	Single Family	1st Floor	Exterior	23	D	Window2	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	12.6	1	Positive
496	Single Family	1st Floor	Exterior	23	D	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	13.7	1	Positive
497	Single Family	1st Floor	Exterior	23	D	Window3	Sash	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	8.5	1	Positive
498	Single Family	1st Floor	Exterior	23	D	Window 4	Jamb	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	14.8	1	Positive
499	Single Family	1st Floor	Exterior	23	D	Window 4	Trough	Wood	Tan	Deteriorated	Moisture	NA	NA	NA	9.5	1	Positive
500	Single Family	1st Floor	Exterior	23	B	Wall	Chute	Metal	Green	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
501	Single Family	1st Floor	Exterior	23	B	Wall	Coal Chute	Metal	Green	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
502	Single Family	1st Floor	Exterior	23	C	Porch	Trim	Wood	White	Deteriorated	Moisture	NA	NA	NA	-0.4	1	Negative
503	Single Family	1st Floor	Exterior	23	C	Porch	Trim	Wood	Green	Deteriorated	Moisture	NA	NA	NA	-0.1	1	Negative
504	Single Family	1st Floor	Exterior	23	C	Wall	Chute	Wood	Green	Deteriorated	Moisture	NA	NA	NA	4.8	1	Positive
505	Single Family	1st Floor	Exterior	23	C	Chute	Casing	Wood	Green	Deteriorated	Moisture	NA	NA	NA	2.4	1	Positive
506	Single Family	1st Floor	Garage	24	A	Wall	Wall	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	3.7	1	Positive
507	Single Family	1st Floor	Garage	24	A	Door 1	Casing	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	-0.1	1	Negative
508	Single Family	1st Floor	Garage	24	A	Door 1	Jamb	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	0.2	1	Negative
509	Single Family	1st Floor	Garage	24	A	Door 2	Casing	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	-0.3	1	Negative
510	Single Family	1st Floor	Garage	24	A	Door 2	Jamb	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	0.1	1	Negative
511	Single Family	1st Floor	Garage	24	A	Door 1	Panel	Metal	Beige	Deteriorated	Moisture	NA	NA	NA	0.3	1	Negative
512	Single Family	1st Floor	Garage	24	A	Door 2	Panel	Metal	Beige	Deteriorated	Moisture	NA	NA	NA	-0.1	1	Negative
513	Single Family	1st Floor	Garage	24	A	Roof	Trim	Wood	Gray	Deteriorated	Moisture	NA	NA	NA	0.1	1	Negative
514	Single Family	1st Floor	Garage	24	B	Wall	Wall	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	4.1	1	Positive

READING #	BUILDING	LEVEL/FLOOR	ROOM LOCATION	ROOM #	WALL	COMPONENT	SUB COMPONENT	SUBSTRATE	COLOR	CONDITION	CONDITION CAUSE	FRICTION	IMPACT	TEETH MARKS	XRF READING	XRF LIMIT	RESULT
515	Single Family	1st Floor	Garage	24	B	Window 1	Casing	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	3.8	1	Positive
516	Single Family	1st Floor	Garage	24	B	Window 1	Sash	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	2.2	1	Positive
517	Single Family	1st Floor	Garage	24	B	Window2	Casing	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	3.5	1	Positive
518	Single Family	1st Floor	Garage	24	B	Window2	Sash	Wood	Beige	Deteriorated	Moisture	NA	NA	NA	4.7	1	Positive
519	Single Family	1st Floor	Garage	24	C	Wall	Wall	Wood	Yellow	Deteriorated	Moisture	NA	NA	NA	9.8	1	Positive
520	Single Family	1st Floor	Garage	24	D	Wall	Wall	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	3.4	1	Positive
521	Single Family	1st Floor	Garage	24	D	Wall	Wall	Wood	Green	Deteriorated	Moisture	NA	NA	NA	7.8	1	Positive
522	Single Family	1st Floor	Garage	24	D	Wall	Trim	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	1.4	1	Positive
523	Single Family	1st Floor	Garage	24	D	Window 1	Casing	Wood	Green	Deteriorated	Moisture	NA	NA	NA	3.2	1	Positive
524	Single Family	1st Floor	Garage	24	D	Window 1	Sash	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
525	Single Family	1st Floor	Garage	24	D	Window2	Casing	Wood	White	Deteriorated	Moisture	NA	NA	NA	3.6	1	Positive
526	Single Family	1st Floor	Garage	24	D	Window2	Jamb	Wood	White	Deteriorated	Moisture	NA	NA	NA	2.9	1	Positive
527	Single Family	2nd Floor	Garage	24	D	Window	Jamb	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	2.8	1	Positive
528	Single Family	2nd Floor	Garage	24	D	Window	Sill	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	1.9	1	Positive
529	Single Family	1st Floor	Garage	24	B	Wall	Trim	Wood	Brown	Deteriorated	Moisture	NA	NA	NA	1.2	1	Positive
530	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	Positive
531	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1	1	Positive
532	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.9	1	Negative
533	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	1	Negative
534	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.2	1	Negative
535	Calibrations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-0.2	1	Negative

** HUD reporting limits for positive XRF results are ≥ 1.0 mg/cm^2 for painted or glazed surfaces.*

D-2: XRF Device Used

HUERESIS PCS

HEURESIS PCS December 2015

Performance Characteristic Sheet

EFFECTIVE DATE: December 1, 2015

MANUFACTURER AND MODEL:

Make: *Heuresis*

Models: *Model Pb200i*

Source: *^{57}Co, 5 mCi (nominal – new source)*

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
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

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 ("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 November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

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^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

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.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.

Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.

For each substrate type (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2

Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

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. Do not correct the original or retest results for substrate bias. In single-family and multi-family 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:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	Mean Reading Time (seconds)	Standard Deviation (seconds)
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as positive if they are greater than or equal to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

[1]Although the XRF instrument is not designed to analyze non-painted surfaces, according to the State of California (Department of Toxic Substances Control, Feb 2012), it can be an effective screening tool to determine lead content in metal.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Reference

Department of Toxic Substances Control. (Feb 2012). *Testing and Evaluation of Lead Content in Plumbing Products, Materials and Components.* State of California. Retrieved from http://www.dtsc.ca.gov/PollutionPrevention/upload/lead-in-plumbing-testing-protocol.pdf

APPENDIX E – LABORATORIES USED & ORIGINAL LABORATORY ANALYSIS REPORTS

E-1: Laboratories Used

Trace Metals Laboratory used to test dust and soil samples:

Accurate Analytical Testing LLC
Trace Metals Laboratory
30105 Beverly Road
Romulus, MI 48174
P: 571-335-9490

Drinking Water Laboratory used to test water samples:

Accurate Analytical Testing LLC
Drinking Water Laboratory
30105 Beverly Road
Romulus, MI 48174
P: 571-335-9490

E-2: Original Laboratory Analysis Reports

All of the original laboratory analysis reports for any samples that were sent for testing are included in the following pages.

ACCURATE ANALYTICAL TESTING LLC

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/3050B*

Client : Green Solutions Environmental Services
17800 Woodward Suite 200
Detroit, MI 48203
Attn : Denise Griffith **Email :** cdgriffith@gsgroupmi.com
Phone : 313 279-0449 **Fax :**

Client Project : 4825 STURTEVANT

Project Location : 4825 STURTEVANT

AAT Project : 678232
Sampling Date : 05/27/2021
Date Received : 05/28/2021
Date Analyzed : 06/01/2021
Date Reported : 6/1/2021 1:26:02PM

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead µg/ft2 *
6438210	1	LIVING RM FL	12	12	1.00	<5.00
6438211	2	LIVING RM WT 1	2	17	0.24	2405.20
6438212	3	DINING RM FL	12	12	1.00	<5.00
6438213	4	DINING RM WS	2	17	0.24	<21.18
6438214	5	KITCHEN FL	12	12	1.00	<5.00
6438215	6	KITCHEN WT 1	2	17	0.24	2909.46
6438216	7	BATHRM 2 FL	12	12	1.00	6.32
6438217	8	BATHRM 2 WS	2	17	0.24	<21.18
6438218	9	BEDRM 1 FL	12	12	1.00	11.98
6438219	10	BEDRM 1 WT	2	17	0.24	1695.98
6438220	11	BEDRM 2 FL	12	12	1.00	8.71
6438221	12	BEDRM 2 WS	2	17	0.24	1383.80
6438222	13	FRONT PORCH FL	12	12	1.00	7.04
6438223	14	BACK PORCH FL	12	12	1.00	11.60
6438225	16	FIELD BLANK FL	12	12	1.00	<5.00

Comments: +Updated address per client email.

Analyst Signature

Andrew Theys

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (2) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. MI Lead Regulatory Limits including Pb Clearance: 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

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead µg/ft2 *

Kaelyn Richard

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (2) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. MI Lead Regulatory Limits including Pb Clearance: 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

ACCURATE ANALYTICAL TESTING LLC

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

Certificate of Analysis: Lead In Soil by EPA SW-846 7420 and 3050B Method*

Client : Green Solutions Environmental Services
17800 Woodward Suite 200
Detroit, MI 48203
Attn : Denise Griffith **Email :** cdgriffith@gsgroupmi.com
Phone : 313 279-0449 **Fax :**

Client Project : 4825 STURTEVANT

Project Location : 4825 STURTEVANT

AAT Project : 678232
Sampling Date : 05/27/2021
Date Received : 05/28/2021
Date Analyzed : 06/01/2021
Date Reported : 6/1/2021 1:26:02PM

Lab Sample ID	Client Code	Sample Description	Results Lead µg/g (PPM)	Calculated RL µg/g *
6438224	15	DRIPLINE SOIL	227.50	10.25

+Updated address per client email.

Analyst Signature

Andrew Theys

Kaelyn Richard

*RL= Reporting Limit * For true values assume (2) 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 Perimters 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

ACCURATE ANALYTICAL TESTING LLC

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

To : Green Solutions Environmental Services
17800 Woodward Suite 200
Detroit, MI 48203

Attn : Denise Griffith **Email :** cdgriffith@gsgroupmi.com
Phone : 313 279-0449

Project Location : 4825 STURTEVANT

AAT Project : 678232
Client Project : 4825 STURTEVANT
Date Reported : 6/1/2021 1:26:02PM

Sample	Client Code	Analysis Requested	Completed	Analyst
6438210	1	Dust Wipe	06/01/2021	Kaelyn Richard
6438211	2	Dust Wipe	06/01/2021	Kaelyn Richard
6438212	3	Dust Wipe	06/01/2021	Kaelyn Richard
6438213	4	Dust Wipe	06/01/2021	Kaelyn Richard
6438214	5	Dust Wipe	06/01/2021	Kaelyn Richard
6438215	6	Dust Wipe	06/01/2021	Kaelyn Richard
6438216	7	Dust Wipe	06/01/2021	Kaelyn Richard
6438217	8	Dust Wipe	06/01/2021	Kaelyn Richard
6438218	9	Dust Wipe	06/01/2021	Kaelyn Richard
6438219	10	Dust Wipe	06/01/2021	Kaelyn Richard
6438220	11	Dust Wipe	06/01/2021	Kaelyn Richard
6438221	12	Dust Wipe	06/01/2021	Kaelyn Richard
6438222	13	Dust Wipe	06/01/2021	Kaelyn Richard
6438223	14	Dust Wipe	06/01/2021	Kaelyn Richard
6438224	15	Lead Soil	06/01/2021	Andrew Theys
6438225	16	Dust Wipe	06/01/2021	Kaelyn Richard

Reviewed By Quality Assurance Coordinator - Stephen Northcott

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

ACCURATE ANALYTICAL TESTING LLC
30105 BEVERLY RD.
ROMULUS MI 48174
(734) 699-LABS (5227)
FAX: (734) 699-8407
www.accurate-test.biz

AIHA LAP, LLC ACCREDITED LABORATORY
ENVIRONMENTAL LEAD
LAB #100888

SUBMITTING COMPANY
Green Solutions Env. Ser.

CONTACT INFORMATION
Office: 313-279-0449
Fax: 313-279-0519
Cell:
Email: cdgriffith@gsgroupmi.com

PO #

PROJECT NUMBER		SAMPLING DATE:	5/27/21
PROJECT ADDRESS	4825 Sturtenvant		
SAMPLE START TIME	9:05am	SAMPLE END TIME	9:30am
RISK ASSESSOR	Anthony Johnson		

REQUESTED ANALYSIS	LEAD	
SINGLE WIPE DUST	X	
COMPOSITE SOIL	X	
PAINT CHIP	% By Wt. ( )	mg/cm² ( )

Request Turnaround time (please check one)

SAME DAY		24 Hour	( )
48 Hour	X	72 hours	( )

If no indicated, default is 72 hours

LAB ID	CLIENT SAMPLE ID	DESCRIPTION	WS, WT, F	WIPE AREA (e.g. 12 X 12)
078232	1	Living Room	FL	12X12
	2	Living Room	WT 1	2X17
	3	Dining Room	FL	12X12
	4	Dining Room	WS	2x17
	5	Kitchen	FL	12X12
	6	Kitchen	WT 1	2X17
	7	Bathroom 2	FL	12X12
	8	Bathroom 2	WS	2X17
	9	Bedroom 1	FL	12x12
	10	Bedroom 1	WT	2x17
	11	Bedroom 2	FL	12x12
	12	Bedroom 2	WS	2x17
	13	Front Porch	FL	12x12
	14	Back Porch	FL	12x12
	15	Dripline Soil		
	16	Field Blank	FL	12x12

CLIENT COMMENTS
Risk Assessor: Anthony Johnson
Samples shipped 16

SAMPLE CONDITION

SEALS INTACT	Y	N
PRESERVATIVES	Y	N
CONTAINERS LABELED	Y	N

LAB REMARKS

LAB PROJECT NUMBER 078232

SAMPLES RELINQUISHED BY	SAMPLES RECEIVED BY	date	Time 4:00	
Anthony Johnson		5/27/21	AM	(PM)
			AM	PM
	BMS-78		AM	PM

By submitting samples to AAT, the client agrees to AAT's terms and conditions.