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April 14, 2025

Habitat for Humanity
C/O Rhonda
1954 University Ave. W
St. Paul, MN

Additional
Lead-Based Paint Testing Report
1205 Eldridge Ave., West
Roseville, MN

This report provides the results of some additional lead-based paint testing on April 11, 2025 at 1205 Eldridge Ave., W. Roseville, Minnesota. Angstrom Analytical, Inc. was authorized to test surfaces directed by you to conduct field screening of suspect lead-based paint using a field portable x-ray fluorescence (XRF) analyzer,

The property consists of a single-family dwelling with a attached garage. For sample location purposes, side A of the dwelling is the side facing Eldridge Ave. and are lettered clockwise around the building. The exteriors consist of a metal lap siding exterior. The windows are uniform in style. On the exterior the windows trim are of painted metal cladding and the windows are made of vinyl. Building foundation is concrete. Information regarding any child occupants having elevated blood lead levels was not available. According to Zillow the house was built in 1949.

Results

Results of XRF and laboratory analysis are summarized in the following report which lists all components exceeding Department of Housing and Urban Development (HUD) thresholds (see remarks) for lead-based paint. Complete XRF field data showing all sample results are attached.

Methodology

Testing was accomplished using a Niton XL-309 (300 Series). This instrument is a portable, non-destructive, in-situ testing and measurement instrument that renders an average precision of +/- 0.3 milligrams per square centimeter (mg/cm²) depending upon the length of time the sample point is tested. Specific precision limits are established by the National Institute of Standards and Technology (NIST). This instrument contains a radioactive isotope, Cadmium-109, with a maximum activity of 10 m Ci. The manufacturer of the sealed source is Niton Corporation, the source model is XFB3205. This instrument is registered with the Minnesota Department of Health and is operated by licensed lead inspectors.

Sampling protocols recommended in HUD's "Lead-Based Paint: Interim Guidelines for Hazard Identification and Abatement in Public and Indian Housing." May 1991 revision, were used to determine the presence or absence of lead-based paint. Where conclusive results were not obtained by XRF testing, confirmatory paint chip samples were or can be collected for laboratory analysis.

Remarks

The Lead-Based Paint Poisoning Prevention Act (LBPPA) has established an action level for public housing. Under the statute, lead-based paint hazards equal to or greater than 1.0 mg/cm² or 0.5 percent by weight must be abated. Standards for private or commercial housing vary by locality.

Of the components that were tested, the following tested positive for lead-based paint. (See Attached Testing Table for more details)

1. The black painted wood window trim under the metal clad covering throughout the exterior.
2. The blue painted wood siding in the breezeway.
3. The blue painted wood window trim in the breezeway.
4. The blue painted wood storm door supports throughout the breezeway.
5. The blue painted wood door components on the service door to the garage.
6. The white painted wood window troughs under the metal clad covering throughout the home.

Representatives of Angstrom Analytical, Inc. conducted all sampling.

For proper cleaning and maintenance of lead based paint please refer to the Minnesota Department of Health, Lead Unit 651-201-4620.

If you have any questions or need further assistance, please call us at the number above.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Hagen', with a stylized flourish at the end.

Kevin Hagen (LR#2036)
Angstrom Analytical, Inc.

Reading No	Time	Component	Substrate	Side	Condition	Color	Site	Inspector	Floor	Room	Results	PbC
13	4/11/2025 8:51											2.29
14	4/11/2025 9:23	WINDOW trim	WOOD	D	PEELING	black	1205 KH			OUTSIDE	Negative	0.6
15	4/11/2025 9:24	WINDOW trim	WOOD	D	PEELING	black	1205 KH			OUTSIDE	Positive	1.8
16	4/11/2025 9:25	siding	WOOD	C	FAIR	TAN	1205 KH			OUTSIDE	Negative	< LOD
17	4/11/2025 9:28	siding	WOOD	D	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	3.5
18	4/11/2025 9:33	siding	METAL	D	INTACT	BLUE	1205 KH			OUTSIDE	Negative	< LOD
19	4/11/2025 9:34	siding	METAL	A	INTACT	BLUE	1205 KH			OUTSIDE	Negative	< LOD
20	4/11/2025 9:35	siding	METAL	D	INTACT	BLUE	1205 KH			OUTSIDE	Negative	< LOD
21	4/11/2025 9:35	siding	METAL	C	INTACT	BLUE	1205 KH			OUTSIDE	Negative	< LOD
22	4/11/2025 9:36	siding	METAL	B	INTACT	BLUE	1205 KH			OUTSIDE	Negative	< LOD
23	4/11/2025 9:37	WINDOW trim	WOOD	B	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	2.6
24	4/11/2025 9:39	storm door wall	WOOD	C	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
25	4/11/2025 9:39	storm door wall	WOOD	C	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
26	4/11/2025 9:39	storm door wall	WOOD	A	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
27	4/11/2025 9:39	storm door wall	WOOD	A	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
28	4/11/2025 9:40	storm door	WOOD	A	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
29	4/11/2025 9:40	storm door	WOOD	C	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
30	4/11/2025 9:41	storm door support	WOOD	C	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	2.2
31	4/11/2025 9:41	storm door support	WOOD	C	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	1.5
32	4/11/2025 9:42	storm door support	WOOD	A	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	1.6
33	4/11/2025 9:42	storm door support	WOOD	A	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	1
34	4/11/2025 9:43	CEILING	WOOD	A	INTACT	WHITE	1205 KH			OUTSIDE breezeway	Negative	< LOD
35	4/11/2025 9:44	service door	WOOD	D	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	1.3
36	4/11/2025 9:45	service door trim	WOOD	D	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Positive	1
37	4/11/2025 9:49	house storm door	WOOD	B	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
38	4/11/2025 9:49	house storm door	WOOD	B	INTACT	BLUE	1205 KH			OUTSIDE breezeway	Negative	< LOD
39	4/11/2025 9:50	WINDOW	WOOD	A	INTACT	WHITE	1205 KH			Kitchen	Negative	< LOD
40	4/11/2025 9:51	WINDOW	WOOD	A	INTACT	WHITE	1205 KH			Kitchen	Negative	0.4
41	4/11/2025 9:52	WINDOW trough	METAL	A	INTACT	WHITE	1205 KH			Kitchen	Null	< LOD
42	4/11/2025 9:52	WINDOW trough	METAL	A	INTACT	WHITE	1205 KH			Kitchen	Positive	2.1
43	4/11/2025 9:53	WINDOW edge trim	WOOD	A	INTACT	WHITE	1205 KH			Kitchen	Negative	< LOD
44	4/11/2025 9:54	WINDOW	WOOD	A	INTACT	WHITE	1205 KH			Kitchen	Negative	< LOD
45	4/11/2025 9:55	WINDOW trim	WOOD	A	INTACT	WHITE	1205 KH			Kitchen	Negative	< LOD
46	4/11/2025 9:55	WINDOW sill	WOOD	A	INTACT	WHITE	1205 KH			Kitchen	Negative	< LOD
47	4/11/2025 9:59	WINDOW trough	WOOD	A	INTACT	WHITE	1205 KH			Kitchen	Positive	1.9

48	4/11/2025 10:00 WINDOW trough	METAL	A	INTACT	WHITE	1205 KH	Kitchen	Negative	< LOD
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