



CHEROKEE NATION Environmental Programs

LEAD-BASED PAINT INSPECTION & RISK ASSESSMENT REPORT

Conducted At:

Address: 416 W. 11th St
City State Zip: Claremore, OK. 74017
Coordinates: 36.31950, -95.60985
Built in: 1960.

Prepared For:

HACN Housing Rehabilitation – Jamie Walters
Using ODEQ, EPA and CN Work Practice Standards
Established in 40 CFR 745-227

Prepared By: Rylee Roberts

Rylee Roberts 4/7/2026
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OKRASR072026232, CNRASR00044

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Report Date: 2026

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1.0 EXECUTIVE SUMMARY

A lead based paint inspection was conducted at the Nancy Robertson site on March 30th, 2026 as requested by the Cherokee Nation Housing Rehabilitation Department. The inspection **confirmed the presence of lead** in amounts greater than or equal to 1.0 mg/cm² in paint, using the inspection protocol in Chapter 7 of the U.S. Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation of Control of Lead-Based Paint Hazards in Housing (2012). A Risk Assessment was performed to fulfill the requirements for a federally assisted rehabilitation.

The full inspection report can be found in Appendix A (XRF Field Data Sheets). Locations that were not tested with XRF and are assumed to be positive are: N/A

The following is a summary of the survey findings for the subject property:

Interior Lead-Based Paint

Laundry Room- Door
Garage B-side Window Casing

Exterior Lead-Based Paint

A-Side Wall
Front Porch Ceiling
Front Porch Beam
Soffit
A-side Window Casing

Deteriorated Lead-Based Paint (Lead-Based Paint Hazards)

Exterior A-Side Wall
A-Side Exterior Window Casing
Front Porch Beam

Lead in Dust Hazards

None

Lead in Soil Hazards

None

This executive summary has been prepared for the convenience of the users of this report. This summary does not contain all the information presented in this report and, therefore, the entire report should be read to assure all pertinent information is transmitted.

2.0 DISCLOSURE

A copy of this report or a summary of this report must be provided to new lessees (tenants) and purchasers of the property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the US Environmental Protection Agency (EPA) and

include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards

3.0 INSPECTION/ RISK ASSESSMENT METHODOLOGY

3.1 SURFACE-BY-SURFACE INSPECTION METHODOLOGY

A surface-by-surface lead-based paint inspection was performed to identify interior and exterior building components finished with lead-based paint. The inspection was performed inside the residence and on exterior surfaces of the residence using a portable X-Ray Fluorescence Analyzer (XRF). The inspection was limited to accessible painted and/or varnished surfaces.

The inspection was conducted in accordance with the EPA's work practice standards for conducting lead-based paint activities (40 CFR 745.227), HUD's Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (Guidelines) with the 2012 revisions. Samples were collected to represent component types; therefore it should be assumed that similar component types in the rest of that room or room equivalent also contain lead-based paint. When standing in any four-sided room facing side A, which coincides with the front of the dwelling, side B will be to the right, side C will be to the rear, and side D will be to the left (clockwise from side A).

When evaluating this report it is assumed that, according to Chapter 7 HUD Guidelines, if one testing combination (i.e. window, door) is positive for lead in an interior or exterior room equivalent, all other similar testing combinations in those areas are assumed to be positive. The same is true for negative readings.

3.2 X-RAY FLUORESCENCE ANALYZER LEAD DETECTOR

The sampling strategy utilized to determine the presence of lead-based paint adheres to the EPA Performance Characteristic Sheet for the particular XRF instrument used, as well as the manufacturers' modifications and recommendations. The Viken PB200e lead x-ray fluorescence analyzer (Serial Number: 3177) was used for detection of building components finished with lead-based paint. The instrument was manufactured by Viken Detection, 21 North Avenue, Burlington, MA 01803. The radioactive source is cobalt-57 and was last resourced on May 25, 2024.

Samples may be classified as positive or negative. Positive results indicate lead in quantities greater than 1.0 mg/cm² and are considered lead-based paint. Negative results indicate lead in quantities less than 1.0 mg/cm² and are not considered lead-based paint.

3.3 RISK ASSESSMENT METHODOLOGY

The lead-based paint risk assessment was performed to determine if the lead-based paint present in the residence presents an immediate hazard. This was accomplished through combining measurements of lead in dust, surface-by-surface paint analysis, visual assessment of the residence, assessment of paint condition, and by collecting maintenance and management data to identify and address lead-based paint hazards.

The risk assessment was performed in accordance with the EPA's work practice standards for conducting lead-based paint activities (40 CFR 745.227), HUD's Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (Guidelines) with the 2012 revisions.

3.4 DESCRIPTION OF PAINT CONDITION HAZARD RANKINGS

The paint condition is placed into one of two categories using the risk assessor's professional judgment. These categories are: intact or deteriorated. Type of deterioration may also be noted on surfaces in deteriorated condition. Based on the approximate surface area of deteriorated paint, the risk assessor then assesses the paint condition as intact or deteriorated. These conditions indicate the potential for lead hazards associated with paint condition and lead in household dust.

Hazard ranking protocol was performed in accordance with the HUD Guidelines for Evaluation and Control of Lead-Based Paint Hazards in Housing, dated July, 2012, Chapter 5: Risk Assessment and Reevaluation; Identification of Deteriorated Paint (Form 5.2). This information is summarized below.

Deteriorated

EPA regulations define deteriorated paint as "any interior or exterior paint or other coating that is peeling, chipping, chalking, or cracking, or any paint or coating located on an interior or exterior surface or fixture that is otherwise damaged or separated from the substrate"(40 CFR 745.63).

3.5 LABORATORY ANALYSIS

Laboratory analysis of dust wipe/soil samples were performed by Pace Analytical Services (NLLAP 101352), 7021 W. Wilshire Blvd Suite B, Oklahoma City, OK 73120 Phone: 405-755-7272. Laboratory analysis of the dust wipes and soil samples are analyzed based on the EPA SW846-7420/ HUD – Flame Atomic Absorption.

4.0 DESCRIPTION OF RESULTS

This is a report of an X-ray Fluorescence (XRF) inspection and risk assessment to determine if lead-based paint exists in the readily accessible areas of this residence and tested components. The presence or absence of lead-based paint only applies to surfaces tested or assessed on the date of the field visit. According to HUD/EPA Guidelines, paint with concentrations of lead that exceed 1.0 mg/cm² must be considered a lead-based paint (LBP). However, detectable lead in quantities less than 1.0 mg/cm² may contribute to the development of lead dust hazards even though it is not considered a lead-based paint hazard.

4.1 LBP INSPECTION

Lead based paint was found on both the interior and exterior of the site. The positive readings are shown in the following table. The full report with all readings are in Appendix 1.

Reading #	Concentration	Unit	Room	Structure	Member	Substrate	Wall	Condition
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See
Appendix
A.

4.2 LBP RISK ASSESSMENT

Lead-based paint hazards and dust hazards were identified during the survey.

The lead hazards are:

Exterior A-Side Wall
A-Side Exterior Window Casing
Front Porch Beam

Lead in Dust Hazards

None

Lead in Soil Hazards

None

4.3 RESIDENT QUESTIONNAIRE FORM 5.0

A resident questionnaire was completed as part of the Assessment, to help the identify particular use patterns, which may be associated with potential LBP hazards, such as opening and closing windows painted with LBP. The answers to the questionnaire were obtained during an interview with the occupants. Following is a summary of the information obtained during the interview.

Children in the Household:	0
Children's bed locations:	-
Children's eating locations:	-
Primary interior play area(s):	-
Primary exterior play area(s):	-
Pets:	0
Blood lead testing history:	-
Observed chewed surfaces:	-
Women of child bearing age:	0
Previous lead testing:	None
Frequently used entrances:	Front Door
Frequently opened windows:	None
Structure Cooling Method:	Central Heat and Air Split System
Gardening -type and location:	none
Plans for landscaping:	None
Cleaning regiment:	Weekly
Cleaning Methods:	Mopping, sweeping, dusting, vacuuming
Recent completed renovations:	None

Demolition debris on site:	None
Resident with work lead exposure:	None
Planned Renovations:	A scope of work document for this residence is included in Appendix C.

4.4 BUILDING CONDITION FORM 5.1

Condition	Yes	No	Comments
Roof missing parts of surfaces (tiles, boards, shakes, etc.)		X	
Roof has holes or large cracks		X	
Gutters or downspouts broken		X	
Chimney masonry cracked, bricks loose or missing, obviously out of plumb.		X	
Exterior or interior walls have obvious large cracks or holes, requiring more than routine painting.		X	
Exterior siding has missing boards or shingles		X	
Water stains on interior walls or ceilings		X	
Walls or ceilings deteriorated		X	
More than "very small*" amount of paint in a room deteriorated		X	
Two or more windows or doors broken, missing, or boarded up		X	
Porch or steps have major elements broken, missing, or boarded up.		X	
Foundation has major cracks, missing material, structure leans, or visibly unsound		X	
Total Number		12	

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

Notes (including other conditions of concern):

4.5 DUST WIPE SAMPLE ANALYSIS

Dust wipe samples were collected in an effort to help determine the levels of lead-containing dust on the interior windowsills and floors. The following tables note the presence or absence of lead hazards in dust per the EPA risk assessment and clearance standards. Please refer to Appendix B for detailed analytical reports. The presence of these hazards indicates that sample results exceed the following EPA criteria:

- 10 ug/ft² for floors, including carpeted floors

- 100 ug/ft² for interior window sills
- 100 ug/ft² for interior window troughs

The following table indicates the sample number, location, surface type, lead concentration, and presence or absence of lead dust hazards for dust wipe samples collected during this LBP Risk Assessment:

Dust Wipe Sample Analysis				
Sample #	Location	Surface Types	Concentration (Micrograms/ft²)	Lead Hazard
01	Living Room	Floor	<2.5	NO
02	Living Room	Windowsill	<1.7	NO
03	Laundry Room	Floor	<2.5	NO
04	Laundry Room	Windowsill	<2.0	NO
05	Bedroom 1	Floor	<2.5	NO
06	Bedroom 1	Windowsill	<2.8	NO
07	Porch	Floor Conc*	<2.5	NO
08	Bedroom 2	Floor	<2.5	NO

4.6 SOIL SAMPLE ANALYSIS

The EPA has established lead hazard standards for lead in soil under TSCA Section 403 (Residential Lead Hazards). Please refer to Appendix B for detailed analytical reports. The following level of lead in soil should be considered hazardous and may result in excessive lead exposure and elevated blood lead levels:

- 400 milligrams per kilogram (mg/Kg) in children's play areas with bare residential soil (e.g., sandboxes, gardens)
- 1,200 mg/Kg (average) in bare soil for the remainder of the yard.

The following table indicates the sample number, location, surface type, lead concentration, and presence or absence of lead soil hazards for soil samples collected during this LBP Risk Assessment:

Soil Sample Analysis				
Sample #	Location	Bare or Covered	Concentration	Lead Hazard

			(Micrograms/ft ²)	
09	Dripline	Covered	66	NO

5.0 RECOMMENDATIONS

5.1 DETERIORATED LEAD-BASED PAINT

Room or Exterior Location	Component	Type of Hazard	Approximate Area or Length	Acceptable Hazard Control Options	
				Interim	Abatement
Exterior	Wall	LBP	See Scope of Work	Wet Scrape & Repaint	-Removal -Replacement -Enclosure -Encapsulation
Front Porch	Beam	LBP	See Scope of Work	Wet Scrape & Repaint	-Removal -Replacement -Enclosure -Encapsulation
Exterior	A-Side Window Casing	LBP	See Scope of Work	Wet Scrape & Repaint	-Removal -Replacement -Enclosure -Encapsulation

5.2 LEAD DUST CONTROL OPTIONS

Room	Surface	Acceptable Hazard Control Method

5.3 LEAD IN SOIL

Type Of Area	Location	Acceptable Hazard Control Options	

6.0 RE-EVALUATION AND MONITORING SCHEDULE

Each of these treatments will need to be reexamined periodically to make certain that they remain effective and to ensure that new lead-based paint hazards do not appear. The interim controls shown above are less expensive initially, but they may be more expensive in the long run since they need to be reevaluated more frequently. The replacement and paint removal methods are more expensive initially, but do not require any reevaluation.

The owner should monitor the condition of the paint at least annually or if there is some indication that paint might be failing. A professional reevaluation is also needed. The standard schedule for reevaluation the dwelling is shown above.

Re-evaluation: Standard Re-evaluation Schedule 3 contained in the HUD Guidelines applies to this property, since one of the rooms had a dust lead level greater than the standard. Therefore, the dwelling should be reevaluated in 3/30/27 (12 months from now). If no lead-based paint hazards are identified at that time, another reevaluation should be conducted in 3/30/28 (2 years later). If no lead-based paint hazards are identified at that time, no further reevaluations are needed. However, since lead-based paint may be present in the dwelling, the owner should monitor the condition of all painted surfaces at least annually or whenever other information indicates a potential problem.

APPENDIX A: XRF Field Data Sheets & Floor Plan

Viken Detection Date: 3-30-2026

Pb200i

XRF Lead Paint Analyzer

3177

Pb200i-5.3.1

Pb												
Reading #	Pb	Units	Error	Result	Secs	Time	Room	Structure	Member	Substrate	Wall	Condition
1	1.11	mg/cm2	0.07		20.08	11:02:15	Calibration					
2	1.09	mg/cm2	0.07		20.02	11:04:18	Calibration					
3	1.01	mg/cm2	0.07		20.02	11:06:41	Calibration					
4	5.6	mg/cm2	0.3	Positive	2	11:20:46	Exterior	Room	Wall	Wood	A	Deteriorated
5	2.8	mg/cm2	0.3	Positive	2	11:21:59	Porch	Room	Ceiling	Wood	A	Intact
6	0.2	mg/cm2	0.3	Negative	2	11:22:46	Porch	Column		Wood	A	Deteriorated
7	2.7	mg/cm2	0.3	Positive	2	11:23:37	Porch	Beam	Underside	Wood	A	Deteriorated
8	2.9	mg/cm2	0.3	Positive	2	11:24:48	Exterior	Soffit		Wood	A	Intact
9	0	mg/cm2	0.3	Negative	2	11:25:12	Exterior	Fascia		Wood	A	Intact
10	4.8	mg/cm2	0.3	Positive	2	11:26:02	Exterior	Window	Casing	Wood	A	Deteriorated
11	0.2	mg/cm2	0.3	Negative	2	11:27:09	Garage Ext	Door	Casing	Wood	A	Deteriorated
12	0.2	mg/cm2	0.3	Negative	2	11:27:44	Garage Ext	Door	Ext Casing	Wood	A	Deteriorated
13	0.4	mg/cm2	0.3	Negative	2	11:28:32	Exterior	Window	Casing	Wood	B	Deteriorated
14	0.5	mg/cm2	0.3	Negative	2	11:30:43	Exterior	Window	Casing	Metal	D	Deteriorated
15	0.6	mg/cm2	0.3	Negative	3	11:33:12	Exterior	Soffit		Wood	D	Intact
16	0.1	mg/cm2	0.3	Negative	2	11:34:06	Exterior	Door		Wood	D	Intact
17	0.1	mg/cm2	0.3	Negative	2	11:34:44	Exterior	Door	Frame	Wood	D	Intact
18	0.5	mg/cm2	0.3	Negative	2	11:36:09	Living Room	Room	Ceiling	Drywall		Intact
19	0.3	mg/cm2	0.3	Negative	2	11:36:45	Living Room	Room	Wall	Wood	A	Intact
20	0.3	mg/cm2	0.3	Negative	2	11:37:13	Living Room	Room	Wall	Wood	B	Intact
21	0.3	mg/cm2	0.3	Negative	2	11:37:37	Living Room	Room	Wall	Wood	C	Intact
22	0.3	mg/cm2	0.3	Negative	2	11:38:00	Living Room	Room	Wall	Wood	D	Intact
23	0.1	mg/cm2	0.3	Negative	2	11:38:34	Living Room	Room	Crown Mold	Wood	A	Intact
24	0.1	mg/cm2	0.3	Negative	2	11:39:05	Living Room	Room	Baseboard	Wood	A	Intact
25	0.1	mg/cm2	0.3	Negative	2	11:39:38	Living Room	Door		Wood	A	Intact

26	0 mg/cm2	0.3 Negative	2	11:40:02	Living Room	Door	Casing	Wood	A	Intact
27	0.2 mg/cm2	0.3 Negative	2	11:40:50	Kitchen	Room	Ceiling	Drywall		Intact
28	0.1 mg/cm2	0.3 Negative	2	11:41:27	Kitchen	Room	Wall	Drywall	A	Intact
29	0 mg/cm2	0.3 Negative	2	11:41:54	Kitchen	Room	Wall	Drywall	B	Intact
30	0.2 mg/cm2	0.3 Negative	2	11:42:20	Kitchen	Room	Wall	Drywall	C	Intact
31	0.1 mg/cm2	0.3 Negative	2	11:42:45	Kitchen	Room	Wall	Drywall	D	Intact
32	0.1 mg/cm2	0.3 Negative	2	11:43:31	Kitchen	Room	Crown Mold	Wood	D	Intact
33	0 mg/cm2	0.3 Negative	2	11:44:34	Kitchen	Room	Baseboard	Wood	A	Intact
34	0 mg/cm2	0.3 Negative	2	11:45:10	Kitchen	Window	Sill	Wood	C	Intact
35	0.1 mg/cm2	0.3 Negative	2	11:48:56	Kitchen	Cabinets	Door	Wood	A	Intact
36	0.1 mg/cm2	0.3 Negative	2	11:49:20	Kitchen	Cabinets	Frame	Wood	A	Intact
37	0.1 mg/cm2	0.3 Negative	2	11:49:58	Kitchen	Door		Wood	B	Intact
38	0.2 mg/cm2	0.3 Negative	2	11:50:22	Kitchen	Door	Casing	Wood	B	Intact
39	0.1 mg/cm2	0.3 Negative	2	11:51:20	Laundry	Room	Ceiling	Drywall		Intact
40	2.1 mg/cm2	0.3 Positive	2	11:51:58	Laundry	Door		Wood	A	Intact
41	0.1 mg/cm2	0.3 Negative	2	11:52:32	Laundry	Room	Wall	Drywall	A	Intact
42	0.2 mg/cm2	0.3 Negative	2	11:52:56	Laundry	Room	Wall	Drywall	B	Intact
43	0.1 mg/cm2	0.3 Negative	2	11:53:23	Laundry	Room	Wall	Drywall	C	Intact
44	0.1 mg/cm2	0.3 Negative	2	11:53:47	Laundry	Room	Wall	Drywall	D	Intact
45	0.2 mg/cm2	0.3 Negative	2	11:54:47	Laundry	Room	Baseboard	Wood	D	Intact
46	0.1 mg/cm2	0.3 Negative	2	11:55:27	Laundry	Door		Wood	C	Intact
47	0 mg/cm2	0.3 Negative	2	11:55:52	Laundry	Door	Casing	Wood	C	Intact
48	0.1 mg/cm2	0.3 Negative	2	11:56:27	Laundry	Window	Sill	Wood	B	Intact
49	0.3 mg/cm2	0.3 Negative	2	11:57:43	Bedroom 4	Room	Ceiling	Drywall		Intact
50	0.1 mg/cm2	0.3 Negative	2	11:58:12	Bedroom 4	Room	Wall	Drywall	A	Intact
51	0.1 mg/cm2	0.3 Negative	2	11:58:35	Bedroom 4	Room	Wall	Drywall	B	Intact
52	0.2 mg/cm2	0.3 Negative	2	11:58:56	Bedroom 4	Room	Wall	Drywall	C	Intact
53	0.2 mg/cm2	0.3 Negative	2	11:59:20	Bedroom 4	Room	Wall	Drywall	D	Intact
54	0.2 mg/cm2	0.3 Negative	2	11:59:52	Bedroom 4	Room	Crown Mold	Drywall	D	Intact
55	0.1 mg/cm2	0.3 Negative	2	12:00:26	Bedroom 4	Room	Baseboard	Wood	D	Intact
56	0.1 mg/cm2	0.3 Negative	2	12:01:06	Bedroom 4	Window	Casing	Wood	A	Intact
57	0.1 mg/cm2	0.3 Negative	2	12:01:47	Bedroom 4	Door		Wood	A	Intact
58	0.1 mg/cm2	0.3 Negative	2	12:03:57	Bathroom 1	Room	Ceiling	Drywall		Intact

59	0.2 mg/cm2	0.3 Negative	2	12:04:22	Bathroom 1	Room	Wall	Drywall	A	Intact
60	0.2 mg/cm2	0.3 Negative	2	12:05:31	Bathroom 1	Room	Wall	Drywall	B	Intact
61	0.1 mg/cm2	0.3 Negative	2	12:05:54	Bathroom 1	Room	Wall	Drywall	C	Intact
62	0.1 mg/cm2	0.3 Negative	2	12:06:18	Bathroom 1	Room	Wall	Drywall	D	Intact
63	0.1 mg/cm2	0.3 Negative	2	12:06:54	Bathroom 1	Room	Baseboard	Wood	C	Intact
64	0 mg/cm2	0.3 Negative	2	12:07:21	Bathroom 1	Window	Sill	Wood	C	Intact
65	0.1 mg/cm2	0.3 Negative	2	12:08:20	Bathroom 1	Cabinets	Door	Wood	D	Intact
66	0.1 mg/cm2	0.3 Negative	2	12:08:43	Bathroom 1	Cabinets	Frame	Wood	D	Intact
67	0.2 mg/cm2	0.3 Negative	2	12:09:42	Bedroom 1	Room	Ceiling	Drywall		Intact
68	0.1 mg/cm2	0.3 Negative	2	12:10:09	Bedroom 1	Room	Wall	Drywall	A	Intact
69	0.2 mg/cm2	0.3 Negative	2	12:10:37	Bedroom 1	Room	Wall	Drywall	B	Intact
70	0.1 mg/cm2	0.3 Negative	2	12:11:00	Bedroom 1	Room	Wall	Drywall	C	Intact
71	0 mg/cm2	0.3 Negative	2	12:11:22	Bedroom 1	Room	Wall	Drywall	D	Intact
72	0.2 mg/cm2	0.3 Negative	2	12:11:57	Bedroom 1	Room	Crown Mold	Wood	D	Intact
73	0.1 mg/cm2	0.3 Negative	2	12:12:26	Bedroom 1	Room	Baseboard	Wood	D	Intact
74	0 mg/cm2	0.3 Negative	2	12:13:01	Bedroom 1	Window	Sill	Wood	C	Intact
75	0.2 mg/cm2	0.3 Negative	2	12:13:36	Bedroom 1	Door		Wood	A	Intact
76	0.2 mg/cm2	0.3 Negative	2	12:14:24	Bathroom 2	Room	Ceiling	Drywall		Intact
77	0.1 mg/cm2	0.3 Negative	2	12:14:52	Bathroom 2	Room	Wall	Drywall	A	Intact
78	0.2 mg/cm2	0.3 Negative	2	12:15:15	Bathroom 2	Room	Wall	Drywall	B	Intact
79	0.2 mg/cm2	0.3 Negative	2	12:15:37	Bathroom 2	Room	Wall	Drywall	C	Intact
80	0.1 mg/cm2	0.3 Negative	2	12:16:00	Bathroom 2	Room	Wall	Drywall	D	Intact
81	0.2 mg/cm2	0.3 Negative	2	12:16:39	Bathroom 2	Room	Baseboard	Wood	C	Intact
82	0.1 mg/cm2	0.3 Negative	2	12:17:14	Bathroom 2	Cabinets	Door	Wood	D	Intact
83	0.2 mg/cm2	0.3 Negative	2	12:17:38	Bathroom 2	Cabinets	Frame	Wood	D	Intact
84	0 mg/cm2	0.3 Negative	2	12:18:09	Bathroom 2	Window		Wood	C	Intact
85	0.1 mg/cm2	0.3 Negative	2	12:18:37	Bathroom 2	Door		Wood	B	Intact
86	0.2 mg/cm2	0.3 Negative	2	12:19:29	Bedroom 2	Room	Ceiling	Drywall		Intact
87	0.1 mg/cm2	0.3 Negative	2	12:20:08	Bedroom 2	Room	Wall	Wood	A	Intact
88	0.2 mg/cm2	0.3 Negative	2	12:20:33	Bedroom 2	Room	Wall	Wood	B	Intact
89	0.1 mg/cm2	0.3 Negative	2	12:21:40	Bedroom 2	Room	Wall	Wood	C	Intact
90	0.2 mg/cm2	0.3 Negative	2	12:22:03	Bedroom 2	Room	Wall	Wood	D	Intact
91	0.1 mg/cm2	0.3 Negative	2	12:22:29	Bedroom 2	Room	Crown Mold	Wood	D	Intact

92	0.1 mg/cm2	0.3 Negative	2	12:22:53	Bedroom 2	Room	Baseboard	Wood	D	Intact
93	0 mg/cm2	0.3 Negative	2	12:23:24	Bedroom 2	Window	Sill	Wood	D	Intact
94	0.2 mg/cm2	0.3 Negative	2	12:24:11	Bedroom 2	Door		Wood	B	Intact
95	0.1 mg/cm2	0.3 Negative	2	12:24:59	Bedroom 3	Room	Ceiling	Drywall		Intact
96	0 mg/cm2	0.3 Negative	2	12:25:25	Bedroom 3	Room	Wall	Drywall	A	Intact
97	0.1 mg/cm2	0.3 Negative	2	12:25:48	Bedroom 3	Room	Wall	Drywall	B	Intact
98	0.2 mg/cm2	0.3 Negative	2	12:26:11	Bedroom 3	Room	Wall	Drywall	C	Intact
99	0.2 mg/cm2	0.3 Negative	2	12:26:34	Bedroom 3	Room	Wall	Drywall	D	Intact
100	0.1 mg/cm2	0.3 Negative	2	12:27:11	Bedroom 3	Room	Baseboard	Wood	B	Intact
101	0 mg/cm2	0.3 Negative	2	12:27:48	Bedroom 3	Window	Sill	Wood	A	Intact
102	0.1 mg/cm2	0.3 Negative	2	12:28:13	Bedroom 3	Door		Wood	C	Intact
103	0.1 mg/cm2	0.3 Negative	2	12:29:39	Garage Int	Room	Wall	Wood	B	Intact
104	0.1 mg/cm2	0.3 Negative	2	12:30:08	Garage Int	Room	Wall	Wood	C	Intact
105	0.2 mg/cm2	0.3 Negative	2	12:30:57	Garage Int	Room	Wall	Wood	D	Intact
106	0.1 mg/cm2	0.3 Negative	2	12:31:28	Garage Int	Room	Ceiling	Wood	D	Intact
107	2.4 mg/cm2	0.3 Positive	2	12:32:08	Garage Int	Window	Casing	Wood	B	Intact
108	1.1 mg/cm2	0.07	20.08	13:56:50	Calibration					
109	1.02 mg/cm2	0.07	20.09	13:58:51	Calibration					
110	1 mg/cm2	0.07	20.11	14:00:52	Calibration					

APPENDIX B: DUST WIPE & SOIL ANALYSIS



Environmental Chemistry Analysis Report

Pace Set ID: 503012
Date Received: 04/01/26
Received By: Baylie Puga
Date Sampled:
Time Sampled:
Analyst: EC
Date of Report: 04/03/26

AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
PO Box 948
Tahlequah, OK 74464

Acct. No.: 69-000183

Location: Claremore
Project No.: N/A

Pace Sample ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
002	02	Wipe	Lead	<1.7	1.7	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
003	03	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
004	04	Wipe	Lead	<2.0	2	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
005	05	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
006	06	Wipe	Lead	2.8	2	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
007	07	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
008	08	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	04/03/26 14:31	NIOSH 7082
009	09	Soil	Lead	66	25	mg/kg	04/03/26 14:31	Soil EPA 7000B (1)

Authorized Signature: _____

Eric Caves, Chemistry Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. Pace Analytical is not responsible for user-supplied data used in calculations. Customer provided data such as volumes, areas, etc., cannot be verified by Pace Analytical.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

Measurement uncertainty available upon request.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

Supplemental Report QAQC Results

QA ID: 22284
Test: Lead

Date: 4/3/2026
Matrix: Soil

Lab Number: 503012
Approved By: Eric Caves
Date Approved: 4/3/2026

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.4	2.8
CCV	2.2	2.39	2.8
RLVS	0.05	0.07	0.15
ICV	0.9	1.03	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
503012-009	0.264	0.250	5.4

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S	0.000	2.428	2.572	105.9	2.474	101.9	3.9

Authorized Signature: _____



Eric Caves, Chemistry Technical Manager

Supplemental Report QAQC Results

QA ID: 22285
Test: Lead

Date: 4/3/2026
Matrix: Wipe

Lab Number: 503012
Approved By: Eric Caves
Date Approved: 4/3/2026

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

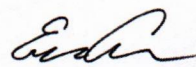
Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.4	2.8
CCV	2.2	2.39	2.8
RLVS	0.05	0.11	0.15
ICV	0.9	1.03	1.1

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
MS-W	0.000	2.428	2.561	105.5	2.463	101.4	3.9
MS-W2	0.000	2.428	2.385	98.2	2.464	101.5	3.3





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For Lab Use Only

Lab No. 503012

Accept Reject

Report Results (one box)

☐ Quantem Website

☐ Email rylee-roberts@cherokee.org

☐ Other

Contact Information

Company: Cherokee Nation Environmental Programs Phone: (918) 453-5092

Contact: Rylee Roberts Cell Phone: (918) 871-9373

Account #: 69-000183 E-mail: rylee-roberts@cherokee.org

SAMPLED BY: Name: Rylee Roberts Date: 03/31/2026

P.O. Number: 916621

RELINQUISHED BY

Rylee Roberts

DATE & TIME

3/31/2026 @ 5PM

VIA

FedEx

RECEIVED BY

[Signature]

DATE & TIME

4/1/26 9:45

REQUESTED SERVICES (Please check the appropriate boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume or Area	Flame Atomic Absorption					Other Analysis		
				EPA 7000B		NIOSH 7082		Other	Analysis		
				wf% ppm mg/cm ²	Paint Chips	Bulk (mg/kg)	Soil (mg/kg)				
1	01	Living Rm Floor	144 sq in								
2	02	Living Room Window Sill	6 X 36 sq in								
3	03	Laundry Room Floor	144 sq in								
4	04	Laundry R Window Sill	5 X 35 sq in								
5	05	Bedroom 1 Floor	144 sq in								
6	06	Bedroom 1 Window Sill	5 X 35 sq in								
7	07	Porch Floor Conc*	144 sq in								
8	08	Bed 2 Floor	144 sq in								
9	09	Soil									
10											
11											

TURNAROUND TIME			
☐	Same Day		
☐	24 - Hour		
☒	3 - Day		
☐	5 - Day		

Check One
(if applicable)

☒ Assessment

☐ Clearance

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