CHEROKEE NATION
Environmental Programs

LEAD-BASED PAINT INSPECTION & RISK ASSESSMENT REPORT

Conducted At:

Name: 14393
Address: 1218 W. Dupont St.
City State Zip: Claremore, OK 74017
Coordinates: 36.31120, -95.62441
Built in: 1950

Prepared For:

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

Inspected By:

Timothy Miller, OKRASR334325091, CNRASR00043

Cherokee Nation Environmental Programs
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Oklahoma Firm: OKFIRM11198
Cherokee Nation Firm: CNFIRM00001

Report Date: November 18, 2025

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1.0 EXECUTIVE SUMMARY

A lead based paint inspection was conducted at the Joshua Glass site on November 06, 2025 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/cm^2 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). Building components that were unable to be tested with an XRF and are assumed positive.

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

Interior Lead-Based Paint

- None

Exterior Lead-Based Paint

- Front Porch, Ceiling
- Front Porch, Crown Molding
- Front Porch, Beam
- Front Porch, Column
- Fascia, All Sides
- Soffit, All Sides
- Door and Jamb, Side D
- Window, Wood, Side C
- Back Porch, Beam
- Back Porch, Ceiling

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

- Front Porch, Ceiling
- Front Porch, Crown Molding
- Front Porch, Beam
- Front Porch, Column
- Fascia, All Sides
- Soffit, All Sides
- Door and Jamb, Side D
- Window, Wood, Side C
- Back Porch, Beam
- (See XRF Readings Below)

Lead in Dust Hazards

- Kitchen Window Sill
- Kitchen Floor

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. Property owners (leasers) 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. All substrates within inaccessible rooms are assumed positive for lead-based paint until access is available to prove otherwise.

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 QuanTEM Laboratories (NVLLAP 101352), 7021 W. Wilshire Blvd, Suite B, Oklahoma City, OK 73132. 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 the exterior of the site. The positive readings are shown in the following table. The full report with all readings are in Appendix 1.

Reading #	mg/cm2	Result	NomSecs	Time	Room	-->RoomCho	Structure	-->Member	Substrate	Wall	Condition
107	2	Positive	3	11:35:54	Exterior	Front Porch	Room	Ceiling	Wood		Deteriorated
109	14.4	Positive	2	11:37:26	Exterior	Front Porch	Room	Crown Molding	Wood	A	Deteriorated
110	17.8	Positive	2	11:38:08	Exterior	Front Porch	Beam	Side Face	Wood	A	Deteriorated
111	15.1	Positive	2	11:38:27	Exterior	Front Porch	Beam	Underside	Wood	A	Deteriorated
112	1.3	Positive	5	11:38:55	Exterior	Front Porch	Column		Wood	A	Deteriorated
113	1.4	Positive	4	11:42:39	Exterior	House	Fascia		Wood	A	Deteriorated
114	2.5	Positive	2	11:43:46	Exterior	House	Soffit		Wood	A	Deteriorated
117	1	Positive	5	11:48:00	Exterior	House	Door	---	Wood	D	Deteriorated
118	1	Positive	5	11:50:00	Exterior	House	Door	Jamb	Wood	D	Deteriorated
120	2	Positive	2	11:54:48	Exterior	House	Window	Sash	Wood	C	Deteriorated
121	1.6	Positive	2	11:55:46	Exterior	House	Window	Sill	Wood	C	Deteriorated
122	4.1	Positive	2	11:56:58	Exterior	Back Porch	Room	Ceiling	Wood		Intact
125	4.6	Positive	2	11:59:51	Exterior	Back Porch	Beam	Side Face	Wood	B	Deteriorated

4.2 LBP RISK ASSESSMENT

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

The lead based paint hazards are:

- **See Chart Above**

Lead in Dust Hazards

- Kitchen Window Sill
- Kitchen Floor

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:	One (Age 7)
Children's bed locations:	Bedroom
Children's eating locations:	Living Room
Primary interior play area(s):	Living Room
Primary exterior play area(s):	Back Yard
Pets:	Indoor Cats
Blood lead testing history:	-
Observed chewed surfaces:	-
Women of child bearing age:	1 (Pregnant)
Previous lead testing:	None
Frequently used entrances:	Front, Rear, & Laundry Door
Frequently opened windows:	Kitchen
Structure Cooling Method:	HVAC
Gardening –type and location:	Back Yard
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:	Unknown
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 is missing parts of surfaces (shingles, tiles, boards, shakes, etc.)		X	
Roof has holes or large cracks		X	
Gutters or downspouts broken, missing.		X	No Gutters
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, floors 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	5	7	

*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): None

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
- 400 ug/ft2 for porous concrete

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/ft^2)**	**Lead Hazard**
01	Living Rm	Floor	<2.5	No
02	Living Rm	Window Sill	27	No
03	Bedroom 3	Floor	<2.5	No
04	Bedroom 3	Window Sill	53	No
05	Kitchen	Floor	12	Yes
06	Kitchen	Window Sill	140	Yes
07	Laundry Room	Floor	<2.5	No
08	Front Porch (Painted)	Floor	11	No
09	Back Porch (Porous)	Floor	<25	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 (Micrograms/ft^2)**	**Lead Hazard**
10	Dripline	Bare	90	No
11	Play Area (Swing Set)	Bare	<25	No

5.0 RECOMMENDATIONS

5.1 DETERIORATED LEAD-BASED PAINT

Room or Exterior Location	**Component**	**Type of Hazard**	**~ Area or Length**	**Acceptable Hazard Control Options**	
				Interim	**Abatement**
Front Porch	Ceiling, Crown Molding, Beam, and Column	Paint		Wet scrape/Repaint	Encapsulate, Enclose, or Replace
Exterior All	Soffit and Fascia	Paint		Wet scrape/Repaint	Encapsulate, Enclose, or Replace
Exterior Wall D	Door	Paint		Wet scrape/Repaint	Replace
Exterior Wall C	Wood Window	Paint		Wet scrape/Repaint	Replace
Back Porch	Beam	Paint		Wet scrape/Repaint	Encapsulate, Enclose, or Replace

5.2 LEAD DUST CONTROL OPTIONS

Room	Surface	Acceptable Hazard Control Method
Kitchen	Window Sill & Floor	Hepa-Vac/Wet Wipe/Hepa-Vac
Front Porch	Floor	Hepa-Vac/Wet Wipe/Hepa-Vac

5.3 LEAD IN SOIL

Type Of Area	Location	Acceptable Hazard Control Options	
None		Interim	Abatement

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 end 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 of the dwelling is shown above.

Re-evaluation: Standard Re-evaluation Schedule 3 contained in the HUD Guidelines applies to this property, since at least one of the rooms had a dust lead level greater than the standard. Therefore, the dwelling should be reevaluated in November 2026 (12 months from now). If no lead-based paint hazards are identified at that time, another reevaluation should be conducted in November 2027 (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

Viken Detection
Pb200i
XRF Lead Paint Analyzer
3177
Pb200i-5.3.1

User: Tim Miller
Date: 11/06/2025

Reading #	mg/cm2	Result	NomSecs	Time	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Condition
1	1.02		20.06	10:29:20	Apartment	Calibration					
2	1.09		20.03	10:30:45	Apartment	Calibration					
3	1.13		20.04	10:32:13	Apartment	Calibration					
4	0.1	Negative	2	10:35:41	Apartment	Living Room	Room	Wall	Drywall	A	Intact
5	0.2	Negative	2	10:35:57	Apartment	Living Room	Room	Wall	Drywall	B	Intact
6	0.1	Negative	2	10:36:14	Apartment	Living Room	Room	Wall	Drywall	C	Intact
7	0.2	Negative	2	10:36:30	Apartment	Living Room	Room	Wall	Drywall	D	Intact
8	0.2	Negative	2	10:38:11	Apartment	Living Room	Room	Ceiling	Drywall		Intact
9	0.1	Negative	2	10:38:43	Apartment	Living Room	Room	Baseboard	Wood	B	Intact
10	0.1	Negative	2	10:39:03	Apartment	Living Room	Room	Floor	Wood	B	Intact
11	0.2	Negative	2	10:39:52	Apartment	Living Room	Door	---	Metal	A	Intact
12	0	Negative	2	10:40:20	Apartment	Living Room	Door	Casing	Wood	A	Intact
13	0.1	Negative	2	10:40:59	Apartment	Living Room	Window	Sill	Wood	D	Intact
14	0	Negative	2	10:41:44	Apartment	Living Room	Door	Casing	Wood	B	Intact
15	0.2	Negative	2	10:44:42	Apartment	Bedroom 1	Room	Wall	Drywall	A	Deteriorated
16	0.1	Negative	2	10:44:56	Apartment	Bedroom 1	Room	Wall	Drywall	B	Deteriorated
17	0.1	Negative	2	10:45:14	Apartment	Bedroom 1	Room	Wall	Drywall	C	Deteriorated
18	0.2	Negative	2	10:45:27	Apartment	Bedroom 1	Room	Wall	Drywall	D	Deteriorated
19	0	Negative	2	10:45:48	Apartment	Bedroom 1	Room	Ceiling	Drywall		Deteriorated
20	0.1	Negative	2	10:46:26	Apartment	Bedroom 1	Room	Baseboard	Wood	D	Intact
21	0.2	Negative	2	10:46:51	Apartment	Bedroom 1	Room	Floor	Wood	D	Intact
22	0	Negative	2	10:47:16	Apartment	Bedroom 1	Door	Jamb	Wood	D	Intact
23	0.1	Negative	2	10:47:52	Apartment	Bedroom 1	Window	Casing	Wood	B	Intact
24	0.1	Negative	2	10:48:55	Apartment	Hallway 1	Room	Wall	Drywall	A	Deteriorated
25	0.1	Negative	2	10:49:09	Apartment	Hallway 1	Room	Wall	Drywall	B	Deteriorated
26	0.1	Negative	2	10:49:26	Apartment	Hallway 1	Room	Wall	Drywall	C	Deteriorated

27	0.1 Negative	2	10:49:40	Apartment	Hallway 1	Room	Wall	Drywall	D	Deteriorated
28	0.1 Negative	2	10:50:01	Apartment	Hallway 1	Room	Ceiling	Drywall		Deteriorated
29	0.1 Negative	2	10:50:31	Apartment	Hallway 1	Room	Baseboard	Wood	B	Deteriorated
30	0.1 Negative	2	10:51:10	Apartment	Hallway 1	Door	---	Wood	B	Intact
31	0 Negative	2	10:51:31	Apartment	Hallway 1	Door	Casing	Wood	B	Intact
32	0.1 Negative	2	10:51:55	Apartment	Hallway 1	Cabinets	Door	Wood	B	Intact
33	0.1 Negative	2	10:52:18	Apartment	Hallway 1	Cabinets	Frame	Wood	B	Deteriorated
34	0.1 Negative	2	10:52:56	Apartment	Bedroom 2	Room	Wall	Drywall	A	Deteriorated
35	0.2 Negative	2	10:53:11	Apartment	Bedroom 2	Room	Wall	Drywall	B	Deteriorated
36	0 Negative	2	10:53:29	Apartment	Bedroom 2	Room	Wall	Drywall	C	Deteriorated
37	0.1 Negative	2	10:53:48	Apartment	Bedroom 2	Room	Wall	Drywall	D	Deteriorated
38	0.3 Negative	2	10:54:30	Apartment	Bedroom 2	Room	Ceiling	Drywall		Deteriorated
39	0.1 Negative	2	10:55:02	Apartment	Bedroom 2	Room	Baseboard	Wood	A	Intact
40	0.1 Negative	2	10:55:28	Apartment	Bedroom 2	Room	Floor	Wood	A	Intact
41	0.1 Negative	2	10:55:56	Apartment	Bedroom 2	Door	---	Wood	D	Intact
42	0.1 Negative	2	10:56:14	Apartment	Bedroom 2	Door	Jamb	Wood	D	Intact
43	0.1 Negative	2	10:57:07	Apartment	Bedroom 2	Window	Casing	Wood	B	Intact
44	0.3 Negative	2	10:58:13	Apartment	Bathroom 1	Room	Wall	Drywall	A	Deteriorated
45	0.1 Negative	2	10:58:40	Apartment	Bathroom 1	Room	Wall	Drywall	B	Deteriorated
46	0.3 Negative	2	10:58:55	Apartment	Bathroom 1	Room	Wall	Drywall	C	Deteriorated
47	0.4 Negative	2	10:59:09	Apartment	Bathroom 1	Room	Wall	Drywall	D	Deteriorated
48	0.2 Negative	2	10:59:38	Apartment	Bathroom 1	Room	Ceiling	Drywall		Deteriorated
49	0.1 Negative	2	11:00:10	Apartment	Bathroom 1	Room	Crown Molding	Wood	A	Deteriorated
50	0 Negative	2	11:00:40	Apartment	Bathroom 1	Room	Chair Rail	Wood	A	Intact
51	0.2 Negative	2	11:01:19	Apartment	Bathroom 1	Wainscoting		Wood	A	Intact
52	0.1 Negative	2	11:01:39	Apartment	Bathroom 1	Wainscoting		Wood	B	Intact
53	0.2 Negative	2	11:01:53	Apartment	Bathroom 1	Wainscoting		Wood	C	Intact
54	0 Negative	2	11:02:07	Apartment	Bathroom 1	Wainscoting		Wood	D	Intact
55	0.1 Negative	2	11:02:49	Apartment	Bathroom 1	Trim	---	Wood	C	Intact
56	0.2 Negative	2	11:03:42	Apartment	Bathroom 1	Door	---	Wood	B	Deteriorated
57	0 Negative	2	11:04:04	Apartment	Bathroom 1	Door	Casing	Wood	B	Deteriorated
58	0 Negative	2	11:05:25	Apartment	Bathroom 1	Window	Sash	Wood	C	Intact
59	0 Negative	2	11:05:52	Apartment	Bathroom 1	Window	Sill	Wood	C	Intact

60	0.1	Negative	2	11:06:36	Apartment	Bathroom 1	Cabinets	Door	Wood	A	Intact
61	0.1	Negative	2	11:07:07	Apartment	Bathroom 1	Cabinets	Frame	Wood	A	Intact
62	0	Negative	2	11:07:52	Apartment	Bathroom 1	Shelf		Wood	C	Deteriorated
63	0.1	Negative	2	11:09:07	Apartment	Kitchen	Room	Wall	Drywall	A	Deteriorated
64	0.2	Negative	2	11:09:25	Apartment	Kitchen	Room	Wall	Drywall	B	Deteriorated
65	0.1	Negative	2	11:09:43	Apartment	Kitchen	Room	Wall	Drywall	C	Deteriorated
66	0.1	Negative	2	11:09:58	Apartment	Kitchen	Room	Wall	Drywall	D	Deteriorated
67	0.2	Negative	2	11:10:21	Apartment	Kitchen	Room	Ceiling	Drywall		Deteriorated
68	0.1	Negative	2	11:10:56	Apartment	Kitchen	Room	Crown Molding	Wood	C	Intact
69	0.2	Negative	2	11:11:38	Apartment	Kitchen	Room	Baseboard	Wood	D	Intact
70	0.1	Negative	2	11:12:04	Apartment	Kitchen	Room	Floor	Wood	D	Intact
71	0	Negative	2	11:12:33	Apartment	Kitchen	Door	Casing	Wood	D	Intact
72	0.1	Negative	2	11:13:09	Apartment	Kitchen	Door	---	Wood	B	Intact
73	0.1	Negative	2	11:13:42	Apartment	Kitchen	Door	Casing	Wood	B	Intact
74	0.2	Negative	2	11:14:36	Apartment	Kitchen	Window	Sash	Wood	C	Intact
75	0.1	Negative	2	11:15:09	Apartment	Kitchen	Window	Apron	Wood	C	Intact
76	0.2	Negative	2	11:15:39	Apartment	Kitchen	Cabinets	Door	Wood	C	Intact
77	0	Negative	2	11:16:09	Apartment	Kitchen	Cabinets	Frame	Wood	C	Intact
78	0.2	Negative	2	11:17:26	Apartment	Laundry Room	Room	Wall	Drywall	A	Deteriorated
79	0.2	Negative	2	11:17:48	Apartment	Laundry Room	Room	Wall	Drywall	B	Deteriorated
80	0	Negative	2	11:18:20	Apartment	Laundry Room	Room	Wall	Drywall	C	Deteriorated
81	0.1	Negative	2	11:18:39	Apartment	Laundry Room	Room	Wall	Drywall	D	Deteriorated
82	0	Negative	2	11:19:03	Apartment	Laundry Room	Room	Ceiling	Drywall		Deteriorated
83	0.1	Negative	2	11:19:42	Apartment	Laundry Room	Room	Baseboard	Wood	D	Intact
84	0.1	Negative	2	11:20:18	Apartment	Laundry Room	Room	Crown Molding	Wood	D	Intact
85	0.2	Negative	2	11:20:51	Apartment	Laundry Room	Room	Chair Rail	Wood	D	Intact
86	0.1	Negative	2	11:21:33	Apartment	Laundry Room	Door	---	Wood	D	Deteriorated
87	0.7	Negative	4	11:22:29	Apartment	Laundry Room	Door	Casing	Wood	D	Deteriorated
88	0.1	Negative	2	11:23:31	Apartment	Laundry Room	Window	Sash	Wood	D	Deteriorated
89	0.1	Negative	2	11:23:57	Apartment	Laundry Room	Window	Casing	Wood	D	Deteriorated
90	0.1	Negative	2	11:24:41	Apartment	Laundry Room	Shelf		Wood	C	Intact
91	0.1	Negative	2	11:25:13	Apartment	Laundry Room	Cabinets	Door	Wood	A	Intact
92	0.1	Negative	2	11:25:32	Apartment	Laundry Room	Cabinets	Frame	Wood	A	Intact

93	0.1 Negative	2	11:26:22	Apartment	Laundry Room	Door	Threshold	Wood	B	Deteriorated
94	0.1 Negative	2	11:27:39	Apartment	Bedroom 3	Room	Wall	Drywall	A	Deteriorated
95	0.2 Negative	2	11:28:01	Apartment	Bedroom 3	Room	Wall	Drywall	B	Deteriorated
96	0.1 Negative	2	11:28:18	Apartment	Bedroom 3	Room	Wall	Drywall	C	Deteriorated
97	0.1 Negative	2	11:28:33	Apartment	Bedroom 3	Room	Wall	Drywall	D	Deteriorated
98	0.1 Negative	2	11:28:52	Apartment	Bedroom 3	Room	Ceiling	Drywall		Deteriorated
99	0.1 Negative	2	11:29:25	Apartment	Bedroom 3	Room	Baseboard	Wood	C	Intact
100	0.2 Negative	2	11:29:54	Apartment	Bedroom 3	Door	---	Wood	B	Intact
101	0 Negative	2	11:30:13	Apartment	Bedroom 3	Door	Casing	Wood	B	Intact
102	0.1 Negative	2	11:30:52	Apartment	Bedroom 3	Window	Casing	Wood	D	Intact
103	0.1 Negative	2	11:32:41	Exterior	House	Door	---	Metal	A	Intact
104	0.1 Negative	2	11:33:16	Exterior	House	Door	Jamb	Wood	A	Deteriorated
105	0.1 Negative	2	11:33:42	Exterior	House	Door	Threshold	Wood	A	Deteriorated
106	0.2 Negative	2	11:34:31	Exterior	House	Window	Header	Wood	A	Deteriorated
107	2 Positive	3	11:35:54	Exterior	Front Porch	Room	Ceiling	Wood		Deteriorated
108	0.3 Negative	2	11:36:37	Exterior	Front Porch	Room	Floor	Concrete		Deteriorated
109	14.4 Positive	2	11:37:26	Exterior	Front Porch	Room	Crown Molding	Wood	A	Deteriorated
110	17.8 Positive	2	11:38:08	Exterior	Front Porch	Beam	Side Face	Wood	A	Deteriorated
111	15.1 Positive	2	11:38:27	Exterior	Front Porch	Beam	Underside	Wood	A	Deteriorated
112	1.3 Positive	5	11:38:55	Exterior	Front Porch	Column		Wood	A	Deteriorated
113	1.4 Positive	4	11:42:39	Exterior	House	Fascia		Wood	A	Deteriorated
114	2.5 Positive	2	11:43:46	Exterior	House	Soffit		Wood	A	Deteriorated
115	0.2 Negative	2	11:45:07	Exterior	House	Window	Casing	Wood	B	Deteriorated
116	0.1 Negative	2	11:46:40	Exterior	House	Window	Sill	Wood	D	Deteriorated
117	1 Positive	5	11:48:00	Exterior	House	Door	---	Wood	D	Deteriorated
118	1 Positive	5	11:50:00	Exterior	House	Door	Jamb	Wood	D	Deteriorated
119	0.5 Negative	2	11:50:51	Exterior	House	Door	Threshold	Concrete	D	Deteriorated
120	2 Positive	2	11:54:48	Exterior	House	Window	Sash	Wood	C	Deteriorated
121	1.6 Positive	2	11:55:46	Exterior	House	Window	Sill	Wood	C	Deteriorated
122	4.1 Positive	2	11:56:58	Exterior	Back Porch	Room	Ceiling	Wood		Intact
123	0 Negative	2	11:58:27	Exterior	Back Porch	Door		Wood	D	Intact
124	0.1 Negative	2	11:59:05	Exterior	Back Porch	Door	Threshold	Wood	D	Deteriorated
125	4.6 Positive	2	11:59:51	Exterior	Back Porch	Beam	Side Face	Wood	B	Deteriorated

126	0	Negative	2	12:00:37	Exterior	Back Porch	Column		Wood	B	Deteriorated
127	0.3	Negative	2	12:01:26	Exterior	Back Porch	Room	Floor	Concrete	B	Deteriorated
128	0.2	Negative	2	12:02:50	Exterior	House	Electric Panel	Door	Metal	B	Intact
129	0.2	Negative	2	12:03:12	Exterior	House	Electric Panel	Frame	Metal	B	Intact
130	0.1	Negative	2	12:05:04	Exterior	Shed (Exterior)	Room	Wall	Wood	A	Deteriorated
131	0.1	Negative	2	12:05:19	Exterior	Shed (Exterior)	Room	Wall	Wood	B	Deteriorated
132	0.1	Negative	2	12:05:34	Exterior	Shed (Exterior)	Room	Wall	Wood	C	Deteriorated
133	0.1	Negative	2	12:05:53	Exterior	Shed (Exterior)	Room	Wall	Wood	D	Deteriorated
134	0	Negative	2	12:06:21	Exterior	Shed (Exterior)	Door	---	Wood	B	Deteriorated
135	0	Negative	2	12:06:42	Exterior	Shed (Exterior)	Door	Casing	Wood	B	Deteriorated
136	0	Negative	2	12:07:09	Exterior	Shed (Exterior)	Fascia		Wood	B	Deteriorated
137	1.12		20.06	12:09:04	Apartment	Calibration					
138	1.11		20.06	12:10:33	Apartment	Calibration					
139	1.1		20.05	12:11:59	Apartment	Calibration					

*Exterior Siding Wrapped in Aluminum

APPENDIX B: DUST WIPE & SOIL ANALYSIS

7021 W. Wilshire Blvd, Ste. B / Oklahoma City, OK 73132 / 405-755-7272

Environmental Chemistry Analysis Report

QuanTEM Set ID: 384666
Date Received: 11/10/25
Received By: Amanda Bass
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 11/14/25

AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Timothy Miller

Acct. No.: C162

Project: 14393
Location: Claremore
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
002	02	Wipe	Lead	27	4	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
003	03	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
004	04	Wipe	Lead	53	5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
005	05	Wipe	Lead	12	2.5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
006	06	Wipe	Lead	140	7.5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
007	07	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
008	08	Wipe	Lead	11	2.5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
009	09	Wipe	Lead	6.5	2.5	ug/sq. Ft.	11/14/25 14:42	NIOSH 7082
010	10	Soil	Lead	90	25	mg/kg	11/14/25 14:42	Soil EPA 7000B (1)
011	11	Soil	Lead	<25	25	mg/kg	11/14/25 14:42	Soil EPA 7000B (1)

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

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

7021 W. Wilshire Blvd, Ste. B / Oklahoma City, OK 73132 / 405-755-7272

Environmental Chemistry Analysis Report

QuanTEM Set ID: 384666
Date Received: 11/10/25
Received By: Amanda Bass
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 11/14/25

AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Timothy Miller

Acct. No.: C162

Project: 14393
Location: Claremore
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method

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. QuanTEM is not responsible for user-supplied data used in calculations. Customer provided data such as volumes, areas, etc., cannot be verified by QuanTEM Laboratories, LLC.

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: 22031
Test: Lead
Date: 11/14/2025
Matrix: Soil
Lab Number: 384666
Approved By: Eric Caves
Date Approved: 11/14/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.48	2.8
CCV	2.2	2.56	2.8
RLVS	0.05	0.1	0.15
ICV	0.9	1.04	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
384666-010	0.362	0.417	14.1

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S	0.000	2.428	2.605	107.3	2.527	104.1	3.0
384666-010	0.362	2.000	2.299	96.9			

Authorized Signature: _____

Eric Caves, Chemistry Technical Manager

Supplemental Report
QAQC Results

QA ID: 22032
Test: Lead

Date: 11/14/2025
Matrix: Wipe

Lab Number: 384666
Approved By: Eric Caves
Date Approved: 11/14/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.48	2.8
CCV	2.2	2.56	2.8
RLVS	0.05	0.14	0.15
ICV	0.9	1.04	1.1

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
MS-W1	0.000	2.428	2.511	103.4	2.528	104.1	0.7
MS-W2	0.000	2.428	2.552	105.1	2.550	105.0	0.1
MS-W3	0.000	2.428	2.494	102.7	2.497	102.8	0.1

Authorized Signature: 

Eric Caves, Chemistry Technical Manager

LEAD CHAIN OF CUSTODY

QuanTEM LABORATORIES
www.QuanTEM.com
7021 W Wilshire Blvd., Suite B, Oklahoma City, OK 73132
(800) 822-1650 • (405) 755-7272

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For Lab Use Only	
Lab No. 384666	
Accept	Reject

Contact Information			
Company: Cherokee Nation	Phone: (918) 207-4934	Project Name: 14393	Report Results (☑ one box)
Contact: Timothy Miller	Cell Phone: (918) 570-9545	Project Location: Claremore	○ QuanTEM Website
Account #: C162	E-mail: timothy-miller@cherokee.org	Project ID:	◉ Email timothy-miller@cherokee.org
SAMPLED BY: Name: Timothy Miller	Date: 11/06/2025	P.O. Number: 916621	○ Other

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Timothy Miller	11/07/25@10AM	Fedex		11/10/25 915

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume or Area	Flame Atomic Absorption					Other Analysis			
				EPA 7000B			NIOSH 7082					
				Paint Chips ○ wt% ○ ppm ○ mg/cm²	Bulk (mg/kg)	Soil (mg/kg)	Wipes (ug/ft²)	Air (µg /m³)	TCLP - Pb	TCLP - RCRA 8	RCRA 8	Other
1	01	Wipe	12"X12"				✓					
2	02	Wipe	4"X22.5"				✓					
3	03	Wipe	12"X12"				✓					
4	04	Wipe	4"X18"				✓					
5	05	Wipe	12"X12"				✓					
6	06	Wipe	1.75"X26.5"				✓					
7	07	Wipe	12"X12"				✓					
8	08	Wipe	12"X12"				✓					
9	09	Wipe	12"X12"				✓					
10	10	Composite				✓						
11	11	Composite				✓						

TURNAROUND TIME

- ☐ Same Day
- ☐ 24 - Hour
- ☐ 3 - Day
- ☑ 5 - Day

Check One (if applicable)

- ☑ Assessment
- ☐ Clearance

SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"
Please Note - UPS and USPS are NOT available for Saturday Delivery