CHEROKEE NATION
Environmental Programs

LEAD-BASED PAINT INSPECTION & RISK ASSESSMENT REPORT

Conducted At:

Address: 16 S. Ora St
City State Zip: Pryor, OK 74361
Coordinates: 36.30450, 95.30650
Built in: 1947

Prepared For:

HACN Housing Rehabilitation - George Hubbard
Using ODEQ, EPA and CN Work Practice Standards
Established in 40 CFR 745-227

Inspected By:

Samuel Tyler Moore

Samuel Tyler Moore
OKRASR804155942, CNRASR00042

Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5000
Oklahoma Firm: OKFIRM11198
Cherokee Nation Firm: CNFIRM00001

Report Date: April 7, 2025

CONTENTS

1.0 EXECUTIVE SUMMARY

A lead-based paint inspection was conducted at the Kevin Mereo site on March 26, 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 include the following:

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

Interior Lead-Based Paint

Living Room	Window	Sill	Wood	A
Living Room	Window	Casing	Wood	A

Exterior Lead-Based Paint

Exterior	Door	Outer Casing	Wood	A
Exterior	Window	Casing	Wood	A

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

- **Living Room Window Sill Wood A**
- **Living Room Window Casing Wood A**

Lead in Dust Hazards

- **Living Room Floor**
- **Living Room Windowsill**
- **Bathroom Floor**
- **Bed 1 Windowsill**
- **Bed 2 Floor**
- **Garage Floor**

Lead in Soil Hazards

- **Results are below the hazard level**

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 Heuresis PB200i 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 (NLLAP 101352), 2033 Heritage Park Drive, 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 is in Appendix 1.

#	Pb	Units	Pb Error	Result	Secs	Date	Time	RoomCho	Structure	Member	Substrate	Wall	Condition
13	3.2	mg/cm2	0.3	Positive	2	3/26/2025	15:47:15	Living Roo	Window	Sill	Wood	A	Deteriorated
19	2.2	mg/cm2	0.3	Positive	2	3/26/2025	15:55:25	Living Roo	Window	Sill	Wood	A	Deteriorated
21	2	mg/cm2	0.3	Positive	2	3/26/2025	15:56:44	Living Roo	Window	Casing	Wood	A	Deteriorated
24	1.9	mg/cm2	0.3	Positive	2	3/26/2025	15:58:08	Living Roo	Window	Casing	Wood	A	Deteriorated
36	2.9	mg/cm2	0.3	Positive	2	3/26/2025	16:10:48	Exterior	Door	Outer Cas	Wood	A	Deteriorated
37	2.8	mg/cm2	0.3	Positive	2	3/26/2025	16:11:32	Exterior	Window	Casing	Wood	A	Deteriorated

4.2 LBP RISK ASSESSMENT

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

The lead hazards are:

Interior Lead-Based Paint

Living Room	Window	Sill	Wood	A
Living Room	Window	Casing	Wood	A

Exterior Lead-Based Paint

Exterior	Door	Outer Casing	Wood	A
Exterior	Window	Casing	Wood	A
Exterior	Door	Outer Casing	Wood	A

Lead in Dust Hazards:

- **Living Room Floor**
- **Living Room Windowsill**
- **Bathroom Floor**
- **Bed 1 Windowsill**
- **Bed 2 Floor**
- **Garage Floor**

Lead in Soil Hazards:

- **No**

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:	NA
Children's eating locations:	NA
Primary interior play area(s):	NA
Primary exterior play area(s):	NA
Pets:	None
Blood lead testing history:	-
Observed chewed surfaces:	-
Women of child bearing age:	0
Previous lead testing:	None
Frequently used entrances:	Front Door and Garage Door
Frequently opened windows:	None
Structure Cooling Method:	Window Units
Gardening –type and location:	None
Plans for landscaping:	None
Cleaning regiment:	Monthly
Cleaning Methods:	NA
Recent completed renovations:	Many ongoing projects including drywall, exterior wall and roof
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 is missing parts of surfaces (tiles, boards, shakes, etc.)	X		
Roof has holes or large cracks	X		
Gutters or downspouts broken, missing.	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	11	1	

*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**
- **800 ug/ft2 for exterior 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 Room	Floor	31	Yes
02	Living Room	Windowsill	520	Yes
03	Bed 1	Floor	7.6	No
04	Bath	Floor	46	Yes
05	Bed 1	Windowsill	710	Yes
06	Bath	Windowsill	49	No
07	Bed 2	Floor	38	Yes
08	Garage	Floor (concrete)	96	Yes
09	Exterior Side A Porch	Floor (concrete)	48	No
10	Exterior Side A	Windowsill	81	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**
11	Dripline	Bare	110	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**
Living Room and Exterior Side A	Windowsill and Casing	Chips and Dust		Wet scrape and repaint	Remove and Replace
Exterior Side A	Front Door Casing	Chips and Dust		Wet scrape and repaint	Remove and Replace

5.2 LEAD DUST CONTROL OPTIONS

Room	**Surface**	**Acceptable Hazard Control Method**
Living Room **Bath** **Garage** **Bed 2** **Bed 2** **Kitchen**	Floor	Hepa-Vac/Wet wipe/Hepa-Vac
Living Room **Bed 1**	Windowsill	Hepa-Vac/Wet wipe/Hepa-Vac

5.3 LEAD IN SOIL

Type Of Area	Location	Acceptable Hazard Control Options	
No Hazards in soil			

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 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 April 2026 (12 months from now). If no lead-based paint hazards are identified at that time, another reevaluation should be conducted in April 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 & Floor Plan

Viken Detection
Pb200i
XRF Lead Paint Analyzer
3177
Pb200i-5.3.1

#	Pb	Units	Pb Error	Result	Secs	Date	Time	RoomChoice	Structure	Member	Substrate	Wall	Condition
1	1.01	mg/cm2	0.07		20.17	3/26/2025	15:38:00	Calibration					
2	1	mg/cm2	0.07		20.18	3/26/2025	15:38:56	Calibration					
3	0.99	mg/cm2	0.07		20.16	3/26/2025	15:39:52	Calibration					
4	0.5	mg/cm2	0.3	Negative	2	3/26/2025	15:42:45	Living Room	Room	Wall	Drywall	A	Deteriorated
5	0	mg/cm2	0.3	Negative	2	3/26/2025	15:43:04	Living Room	Room	Wall	Drywall	B	Deteriorated
6	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:43:25	Living Room	Room	Wall	Drywall	C	Deteriorated
7	0.4	mg/cm2	0.3	Negative	2	3/26/2025	15:43:49	Living Room	Room	Wall	Drywall	D	Deteriorated
8	0	mg/cm2	0.3	Negative	2	3/26/2025	15:44:10	Living Room	Room	Ceiling	Drywall		Deteriorated
9	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:44:55	Living Room	Room	Baseboard	Wood	B	Deteriorated
10	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:45:36	Living Room	Room	Floor	Wood		Deteriorated
11	0	mg/cm2	0.3	Negative	2	3/26/2025	15:45:59	Living Room	Door	---	Wood	A	Deteriorated
12	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:46:15	Living Room	Door	Jamb	Wood	A	Deteriorated
13	3.2	mg/cm2	0.3	Positive	2	3/26/2025	15:47:15	Living Room	Window	Sill	Wood	A	Deteriorated
14	0	mg/cm2	0.3	Negative	2	3/26/2025	15:50:37	Bedroom 1	Room	Wall	Drywall	A	Deteriorated
15	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:50:58	Bedroom 1	Room	Wall	Drywall	B	Deteriorated
16	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:51:15	Bedroom 1	Room	Wall	Drywall	C	Deteriorated
17	0.2	mg/cm2	0.3	Negative	2	3/26/2025	15:51:33	Bedroom 1	Room	Wall	Drywall	D	Deteriorated
18	0	mg/cm2	0.3	Negative	2	3/26/2025	15:52:00	Bedroom 1	Room	Ceiling	Drywall		Deteriorated
19	2.2	mg/cm2	0.3	Positive	2	3/26/2025	15:55:25	Living Room	Window	Sill	Wood	A	Deteriorated
20	0.2	mg/cm2	0.3	Negative	2	3/26/2025	15:56:25	Living Room	Window	Casing	Wood	A	Deteriorated
21	2	mg/cm2	0.3	Positive	2	3/26/2025	15:56:44	Living Room	Window	Casing	Wood	A	Deteriorated
22	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:57:47	Living Room	Window	Casing	Wood	A	Deteriorated
23	0.1	mg/cm2	0.3	Negative	2	3/26/2025	15:57:58	Living Room	Window	Casing	Wood	A	Deteriorated
24	1.9	mg/cm2	0.3	Positive	2	3/26/2025	15:58:08	Living Room	Window	Casing	Wood	A	Deteriorated
25	0	mg/cm2	0.3	Negative	2	3/26/2025	16:00:58	Bathroom	Room	Wall	Drywall	A	Deteriorated
26	0.1	mg/cm2	0.3	Negative	2	3/26/2025	16:01:13	Bathroom	Room	Wall	Drywall	B	Deteriorated
27	0.1	mg/cm2	0.3	Negative	2	3/26/2025	16:01:28	Bathroom	Room	Wall	Drywall	C	Deteriorated

28	0.1 mg/cm2	0.3	Negative	2	3/26/2025	16:02:11	Bathroom	Room	Ceiling	Drywall		Deteriorated
29	0.1 mg/cm2	0.3	Negative	2	3/26/2025	16:03:22	Laundry Room	Room	Wall	Drywall	A	Deteriorated
30	0.2 mg/cm2	0.3	Negative	2	3/26/2025	16:03:47	Laundry Room	Room	Wall	Drywall	C	Deteriorated
31	0.3 mg/cm2	0.3	Negative	2	3/26/2025	16:04:40	Laundry Room	Room	Wall	Drywall	D	Deteriorated
32	0 mg/cm2	0.3	Negative	2	3/26/2025	16:05:27	Laundry Room	Room	Ceiling	Drywall		Deteriorated
33	0.2 mg/cm2	0.3	Negative	2	3/26/2025	16:09:30	Exterior	Room	Wall	Wood	A	Deteriorated
34	0 mg/cm2	0.3	Negative	2	3/26/2025	16:10:07	Exterior	Door	---	Wood	A	Deteriorated
35	0.1 mg/cm2	0.3	Negative	2	3/26/2025	16:10:24	Exterior	Door	Jamb	Wood	A	Deteriorated
36	2.9 mg/cm2	0.3	Positive	2	3/26/2025	16:10:48	Exterior	Door	Outer Casir	Wood	A	Deteriorated
37	2.8 mg/cm2	0.3	Positive	2	3/26/2025	16:11:32	Exterior	Window	Casing	Wood	A	Deteriorated
38	0.2 mg/cm2	0.3	Negative	2	3/26/2025	16:11:54	Exterior	Window	Sill	Wood	A	Deteriorated
39	0.2 mg/cm2	0.3	Negative	2	3/26/2025	16:12:42	Exterior	Room	Wall	Wood	B	Deteriorated
40	0.1 mg/cm2	0.3	Negative	2	3/26/2025	16:13:16	Exterior	Window	Apron	Wood	B	Deteriorated
41	0.2 mg/cm2	0.3	Negative	2	3/26/2025	16:14:03	Exterior	Room	Wall	Wood	C	Deteriorated
42	0.1 mg/cm2	0.3	Negative	2	3/26/2025	16:15:30	Exterior	Room	Wall	Wood	D	Deteriorated
43	0.9 mg/cm2	0.2	Negative	5	3/26/2025	16:17:50	Exterior	Soffit		Wood	B	Deteriorated
44	1.01 mg/cm2	0.07		20.22	3/26/2025	16:19:30	Calibration					
45	0.99 mg/cm2	0.07		20.22	3/26/2025	16:20:25	Calibration					
46	1.1 mg/cm2	0.07		20.07	3/26/2025	16:21:18	Calibration					

APPENDIX B: DUST WIPE & SOIL ANALYSIS

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 377774
Date Received: 03/28/25
Received By: Charlie Johnson
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 04/01/25

AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Tyler Moore

Acct. No.: C162

Location: Pryor, OK
Project No.: NA

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	31	2.5	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
002	02	Wipe	Lead	520	3.6	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
003	03	Wipe	Lead	7.6	2.5	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
004	04	Wipe	Lead	46	2.5	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
005	05	Wipe	Lead	710	7.6	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
006	06	Wipe	Lead	49	3.8	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
007	07	Wipe	Lead	38	2.5	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
008	08	Wipe	Lead	96	2.5	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
009	09	Wipe	Lead	48	2.5	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
010	10	Wipe	Lead	81	6	ug/sq. Ft.	04/01/25 14:51	NIOSH 7082
011	11	Soil	Lead	110	25	mg/kg	03/31/25 16:10	Soil EPA 7000B (1)

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

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 377774
Date Received: 03/28/25
Received By: Charlie Johnson
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 04/01/25

AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Tyler Moore

Acct. No.: C162

Location: Pryor, OK
Project No.: NA

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: 21586
Test: Lead

Date: 3/31/2025
Matrix: Soil

Lab Number: 377774
Approved By: Eric Caves
Date Approved: 3/31/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.57	2.8
CCV	2.2	2.47	2.8
RLVS	0.05	0.14	0.15
ICV	0.9	0.97	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
377780-004	0.000	0.000	#Num!

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
377780-004	0.000	2.000	2.090	104.5			
LCS-S	0.000	2.428	2.490	102.6	2.503	103.1	0.5

Authorized Signature: _____

Eric Caves, Chemistry Technical Manager

Supplemental Report
QAQC Results

QA ID: 21590
Test: Lead

Date: 4/1/2025
Matrix: Wipe

Lab Number: 377774
Approved By: Eric Caves
Date Approved: 4/1/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.57	2.8
CCV	2.2	2.57	2.8
RLVS	0.05	0.12	0.15
ICV	0.9	1.02	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	2.635	108.5	2.597	107.0	1.5

Authorized Signature: _____

Eric Caves, Chemistry Technical Manager

LEAD CHAIN OF CUSTODY

QuanTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	377774
Accept	Reject

Contact Information			
Company:	Cherokee Nation Environmental Programs	Phone:	(918) 453-5000
Contact:	Tyler Moore	Cell Phone:	(918) 772-8709
Account #:	C 162	E-mail:	Tyler-Moore@cherokee.org
Sampled By:	Name: Tyler Moore & Logan Girty	Date:	03/26/2025

Project Information	
Project Location:	Pryor, OK
Project ID:	
P.O. Number:	895481

Report Results (☑ one box)
- ○ QuanTEM Website
- ◉ Email Tyler-Moore@cherokee.org
- ○ Other _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	3/25/2025	FedEx		3/28/25 1000AM
	5 PM			

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

TURNAROUND TIME
- ○ Same Day
- ○ 24 - Hour
- ◉ 3 - Day
- ○ 5 - Day

No.	Sample ID (10 Characters Max)	Sample Description	Volume or Area	Flame Atomic Absorption EPA 7000B: Paint Chips (○ wt% ○ ppm ◉ mg/cm²)	Bulk (mg/kg)	Soil (mg/kg)	NIOSH 7082: Wipes (ug/ft²)	Air (µg /m³)	Other Analysis: TCLP - Pb	TCLP - RCRA 8	RCRA 8	Other
1	01	Living Room Floor	144 sq in				✓					
2	02	Living Room Windowsill	99 sq in				✓					
3	03	Bed 1 Floor	144 sq in				✓					
4	04	Bath Floor	144 sq in				✓					
5	05	Bed 1 Windowsill	47.5 sq in				✓					
6	06	Bath Windowsill	94.5 sq in				✓					
7	07	Bed 2 Floor	144 sq in				✓					
8	08	Garage Floor (concrete)	144 sq in				✓					
9	09	Side A Porch	144 sq in				✓					
10	10	Exterior Side A Windowsill	60 sq in				✓					
11	11	Drip Line Soil				✓						

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