

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: PATTON, CATHY

PREPARED BY: LOGAN GIRTY, ENVIRONMENTAL SPECIALIST

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

GENERAL INFORMATION

Date of Clearance Inspection: October 21, 2025

Participant Name:

Cathy Patton
2704 E Oklahoma St, Tulsa, OK 74110
36.1752 N°, -95.9509 W°
Home constructed in 1946

Clearance Examiner:

Logan Girty, Environmental Specialist
Cherokee Nation Environmental Programs
PO BOX 948, Tahlequah, OK 74465
918.453.5009 Ext. 6140
Oklahoma Inspector/Risk Assessor, OKRASR13908
Cherokee Nation Inspector/Risk Assessor, CNRASR00037

Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
918.453.5000
Oklahoma Firm: OKFIRM11198
Cherokee Nation Firm: CNFIRM00001

Laboratory:

QuanTEM Laboratories, LLC
AIHA-LAP 101352, NVLAP 101959-0
4220 N. Santa Fe Ave
Oklahoma City, OK 73105
(800) 822-1650

SUMMARY OF CLEARANCE RESULTS:

Based on a visual assessment and dust sampling on October 21st, 2025, no dust-lead hazards, as defined by federal standards were found.

Signature: Logan Girty

Date: 10/28/2025

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Completion Date: October 7, 2025 @ 2:30 PM (Re-Clean October 21, 2025 @ 2 PM)

Firm Information:

Rycon Environmental LLC
213 River St, Commerce, OK
OKFIRM12745
Construction Inspector: Carlos Ybarra OKSUVR12761

Description of Hazard Reduction Activities and Areas Addressed:

(Information in this section provided by Cherokee Nation Housing Rehabilitation Department)

Location	Activity
Interior	Please See Attached Work Write-Up
Exterior	Please See Attached Work Write-Up
Description of Work:	Prior to initiating work, install one layer of six-mil plastic on ground/floor and doorways of bedroom, and on floor from bedroom to exterior entrance and exit doorway. HEPA/WET/HEPA to reduce the elevated lead dust levels on the bedroom floor, and Hepa-vac plastic to remove leaded dust. Remove six-mil plastic from lead activity areas. Seal and tape all laps and joints. Debris shall be stored in locked trailer or dumpster until it can be taken to a code legal dump site.
Occupant Protection Plan:	N/A – Not Abatement Work

On-Going Lead Based Paint Monitoring Requirements:

CN Housing Rehab provides services for eligible Cherokee Citizen's privately owned homes. The NAHASDA funding is from year to year and none can be set aside for the follow up monitoring for Interim Controls of the Lead Based Paint. Enclosures and component replacement is chosen, when possible, to remove the lead hazard because it is in the best interest for the participant to prevent lead based paint and dust hazards.

VISUAL ASSESSMENT – LEAD HAZARD CLEARANCE EXAMINATION

Work Area	Deteriorated Paint	Debris	Visible Dust	Notes	Pass/Fail
Exterior	No	No	No		Pass
Interior	No	No	No		Pass

DUST LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Surface	Dimensions of sample area (inch)	$\mu\text{g} / \text{ft}^2$	Pass/Fail
01	Living Rm	Floor	12x12	<2.5	Pass
02	Bedroom 2	Floor	12x12	<2.5	Pass
03	Kitchen	Window Sill	2.75x12	<11	Pass
04	Front Porch	Floor (conc)	12x12	<2.5	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors $10\mu\text{g} / \text{ft}^2$, Interior window sill $100\mu\text{g} / \text{ft}^2$, Window trough: $100\mu\text{g} / \text{ft}^2$

SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	$\mu\text{g} / \text{g}$	Pass/Fail
05	Dripline	Bare	250	Pass

HUD/EPA Clearance Standards for Lead in Soils: Play Areas $400\mu\text{g} / \text{g}$, all other areas $1200\mu\text{g} / \text{g}$



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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 384175
Date Received: 10/24/25
Received By: Charlie Johnson
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 10/27/25
AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Logan Girty
PO Box 948
Tahlequah, OK 74464
Acct. No.: C162
Project: Cathy Patton
Location: Tulsa
Project No.: NA

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.	10/27/25 13:55	NIOSH 7082
002	02	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	10/27/25 13:55	NIOSH 7082
003	03	Wipe	Lead	<11	11	ug/sq. Ft.	10/27/25 13:55	NIOSH 7082
004	04	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	10/27/25 13:55	NIOSH 7082
005	05	Soil	Lead	250	25	mg/kg	10/27/25 13:55	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. 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: 21992
Test: Lead

Date: 10/27/2025
Matrix: Soil

Lab Number: 384175
Approved By: Eric Caves
Date Approved: 10/27/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.35	2.8
CCV	2.2	2.39	2.8
RLVS	0.05	0.07	0.15
FCV	0.9	1	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
384124-009	11.484	10.492	9.0

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S	0.000	2.428	2.421	99.7	2.231	91.9	8.2

Authorized Signature: _____



Eric Caves, Chemistry Technical Manager

Supplemental Report QAQC Results

QA ID: 21993
Test: Lead

Date: 10/27/2025
Matrix: Wipe

Lab Number: 384175
Approved By: Eric Caves
Date Approved: 10/27/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.35	2.8
CCV	2.2	2.39	2.8
RLVS	0.05	0.11	0.15
ICV	0.9	1	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	2.445	100.7	2.426	99.9	0.8
MS-W2	0.000	2.428	2.553	105.1	2.356	97.0	8.0
MS-W3	0.000	2.428	2.504	103.1	2.666	109.8	6.3

Authorized Signature: _____



Eric Caves, Chemistry Technical Manager



LEAD CHAIN OF CUSTODY

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

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For Lab Use Only
Lab No. <u>384175</u>
Accept ☐ Reject ☐

Contact Information		Project Information		Report Results (one box)	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Cathy Patton	☐ Quantem Website	☐ Quantem Website	
Contact: Logan Girty	Cell Phone: (918) 772-8346	Project Location: Tulsa	☒ Email logan-girty@cherokee.org	☒ Email logan-girty@cherokee.org	
Account #: C 162	E-mail: logan-girty@cherokee.org	Project ID:	☐ Other	☐ Other	
SAMPLED BY: <u>Logan Girty</u>	Date: 10/21/2025	P.O. Number: 916621			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>Logan E. Girty</u>	10/22/2025 9:00 AM	FedEx	<u>[Signature]</u>	10/24/2025 9:00

REQUESTED SERVICES (Please check the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume or Area	Flame Atomic Absorption				Other Analysis				TURNAROUND TIME			
				EPA 7000B	NIOSH 7082	Paint Chips	Wipes (ug/ft ²)	Soil (mg/kg)	Air (ug/m ³)	TCLP - Pb	TCLP - RCRA 8		RCRA 8		
1	01	Living Room Floor	144 sq in	☐ wt% ☒ ppm ☐ mg/cm ²	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	02	Bedroom 2 Floor	144 sq in											☒ Same Day	☐
3	03	Kitchen Window Sill (D Side)	33 sq in											☐ 24 - Hour	☐
4	04	Front Porch Floor (conc)	144 sq in											☐ 3 - Day	☐
5	05	Composite Soil												☐ 5 - Day	☐
6															
7															
8															
9															
10															
11															