

# CHEROKEE NATION

## Environmental Programs



### LEAD-BASED PAINT CLEARANCE TEST

**PARTICIPANT:** MALONEY, PATRICIA

**PREPARED BY:** LOGAN GIRTY, ENVIRONMENTAL SPECIALIST III

**REQUESTED BY:** HACN HOUSING REHABILITATION – GEORGE HUBBARD

## GENERAL INFORMATION

---

**Date of Clearance Inspection:** March 7, 2025

**Participant Name:**

Patricia Maloney  
718 S Main St, Afton, OK 74331  
36.5826 N°, -95.6829 W°  
Home constructed in 1900

**Clearance Examiner:**

Logan Girty, Environmental Specialist III  
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 March 7, 2025, no dust-lead hazards, as defined by federal standards were found.

**Signature:** Logan Girty

**Date:** 3/13/2025

## SUMMARY OF HAZARD REDUCTION ACTIVITIES

---

**Completion Date:** March 7, 2025 @ 1:15 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	Replaced Bathroom Window Side D
Exterior	Enclose A Side Porch Ceiling
<b>Description of Work:</b>	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 lead 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.
<b>Occupant Protection Plan:</b>	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
Bathroom	No	No	No		Pass
Front Porch	No	No	No		Pass

### DUST LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Surface	Dimensions of sample area (inch)	µg /ft <sup>2</sup>	Pass/Fail
01	Living Rm	Floor	12x12	<2.5	Pass
02	Bathroom	Window Sill	3x24	<5	Pass
03	Bathroom	Floor	12x12	<2.5	Pass
04	A Side Porch	Floor	12x12	5.8	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors 10µg /ft<sup>2</sup>, Interior window sill 100µg /ft<sup>2</sup>, Window trough: 100µg /ft<sup>2</sup>

### SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	µg /g	Pass/Fail
05	A Side Drip Edge	Bare	120	Pass

HUD/EPA Clearance Standards for Lead in Soils: Play Areas 400 µg /g, all other areas 1200 µg /g



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuantEM Set ID:** 377174  
**Date Received:** 03/11/25  
**Received By:** Charlie Johnson  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:**  
**Date of Report:** 03/12/25  
AIHA LAP, LLC: 101352

**Client:** Cherokee Nation Environmental Programs  
Logan Girty  
PO Box 948  
Tahlequah, OK 74464  
**Acct. No.:** C162  
**Project:** Patricia Maloney  
**Location:** Afton  
**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.	03/12/25 14:14	NIOSH 7082
002	02	Wipe	Lead	<5.0	5	ug/sq. Ft.	03/12/25 14:14	NIOSH 7082
003	03	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	03/12/25 14:14	NIOSH 7082
004	04	Wipe	Lead	5.8	2.5	ug/sq. Ft.	03/12/25 14:14	NIOSH 7082
005	05	Soil	Lead	120	25	mg/kg	03/12/25 14:14	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: 21539  
Test: Lead

Date: 3/12/2025  
Matrix: Soil

Lab Number: 377174  
Approved By: Eric Caves  
Date Approved: 3/12/2025

Notes:

### Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

### Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.58	2.8
CCV	2.2	2.6	2.8
RLVS	0.05	0.1	0.15
ICV	0.9	1.01	1.1

### Duplicate Data:

Sample Number	Result	Duplicate	% RPD
377106-008	1.410	1.320	6.6

### Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S	0.000	2.428	2.530	104.2	2.520	103.8	0.4
377106-008	1.410	2.000	3.330	96.0			

Authorized Signature: \_\_\_\_\_



Eric Caves, Chemistry Technical Manager



## Supplemental Report QAQC Results

QA ID: 21540

Test: Lead

Date: 3/12/2025

Matrix: Wipe

Lab Number: 377174

Approved By: Eric Caves

Date Approved: 3/12/2025

Notes:

### Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

### Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.58	2.8
CCV	2.2	2.6	2.8
RLVS	0.05	0.09	0.15
ICV	0.9	1.01	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	2.640	108.7	2.660	109.6	0.8
MS-W2	0.000	2.428	2.660	109.6	2.640	108.7	0.8

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

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

<b>Contact Information</b>		<b>Project Information</b>	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Patricia Maloney	Report Results (one box)
Contact: Logan Girty	Cell Phone: (918) 772-8346	Project Location: Afton	<input type="radio"/> Quantem Website
Account #: C 162	E-mail: logan-girty@cherokee.org	Project ID:	<input checked="" type="radio"/> Email logan-girty@cherokee.org
SAMPLED BY: Name: Logan Girty	Date: 03/07/2025	P.O. Number: 895481	<input type="radio"/> Other
<b>RELINQUISHED BY</b>		<b>VIA</b>	<b>RECEIVED BY</b>
<i>Logan Girty</i>		FedEx	<i>[Signature]</i>
<b>DATE &amp; TIME</b>		<b>DATE &amp; TIME</b>	
3/7/2025 5:00 PM		3/11/25 9:00 AM	

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	Other Analysis	Other Analysis					
				wt% ppm mg/cm <sup>2</sup>	Bulk (mg/kg)	Soil (mg/kg)	Wipes (ug/ft <sup>2</sup> )	Air (ug/m <sup>3</sup> )	TCLP - Pb	TCLP - RCRA 8	RCRA 8	Other
1	01	Living Rm Floor	144 sq in				✓					
2	02	Bath Window Sill	72 sq in				✓					
3	03	Bath Floor	144 sq in				✓					
4	04	Porch Floor (A side)	144 sq in				✓					
5	05	A Side Soil			✓							
6												
7												
8												
9												
10												
11												