

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: BELT, DORIS

PREPARED BY: LOGAN GIRTY, ENVIRONMENTAL SPECIALIST III

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

GENERAL INFORMATION

Date of Clearance Inspection: May 23, 2025

Participant Name:

Doris Belt
1001 S State Ave, Tahlequah, OK 74464
35.9031 N°, -94.9783 W°
Home constructed in 1963

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 May 23rd, 2025, no dust-lead hazards, as defined by federal standards were found.

Signature: _____

Logan Girty

Date: 5/29/2025

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Completion Date: May 22, 2025 @ 2:00 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
Kitchen	No	No	No		Pass
Front Porch	No	No	No		Pass
Exterior	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
02	Side A Porch	Floor (conc.)	12x12	47	Pass
03	Kitchen	Floor	12x12	<2.5	Pass
04	Den	Floor	12x12	<2.5	Pass
05	Living Room	Floor	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
01	A Side Soil	Bare	130	Pass

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



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

Environmental Chemistry Analysis Report

QuantEM Set ID: 379499
Date Received: 05/27/25
Received By: Baylie Puga
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 05/28/25

AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Logan Girty
PO Box 948
Tahlequah, OK 74464
Acct. No.: C162
Project: Doris Belt
Location: Tahlequah
Project No.: N/A

QuantEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Soil	Lead	130	25	mg/kg	05/28/25 13:17	Soil EPA 7000B (1)
002	02	Wipe	Lead	47	2.5	ug/sq. Ft.	05/28/25 13:17	NIOSH 7082
003	03	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	05/28/25 13:17	NIOSH 7082
004	04	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	05/28/25 13:17	NIOSH 7082
005	05	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	05/28/25 13:17	NIOSH 7082

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: 21699
Test: Lead

Date: 5/28/2025
Matrix: Soil

Lab Number: 379499
Approved By: Eric Caves
Date Approved: 5/28/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.51	2.8
CCV	2.2	2.54	2.8
RLVS	0.05	0.1	0.15
ICV	0.9	1.02	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
379511-012	0.490	0.503	2.6

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S	0.000	2.428	2.451	100.9	2.424	99.8	1.1
379511-012	0.490	2.000	2.400	95.5			

Authorized Signature: _____



Eric Caves, Chemistry Technical Manager

Supplemental Report QAQC Results

QA ID: 21700
Test: Lead

Date: 5/28/2025
Matrix: Wipe

Lab Number: 379499
Approved By: Eric Caves
Date Approved: 5/28/2025

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.51	2.8
CCV	2.2	2.54	2.8
RLVS	0.05	0.08	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	2.401	98.9	2.422	99.8	0.9

Authorized Signature: _____





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

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For Lab Use Only
Lab No. <u>329499</u>
<input checked="" type="radio"/> Accept <input type="radio"/> Reject

Contact Information		Project Information		Report Results (one box)	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Doris Belt	<input type="radio"/> Quantem Website	<input type="radio"/>	
Contact: Logan Girty	Cell Phone: (918) 772-8346	Project Location: Tahlequah	Email: logan-girty@cherokee.org	<input checked="" type="radio"/>	
Account #: C 162	E-mail: logan-girty@cherokee.org	Project ID:	Other: _____	<input type="radio"/>	
SAMPLED BY: <u>Logan Girty</u>	Date: 05/23/2025	P.O. Number: 895481			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>John S. [Signature]</u>	5/23/2025 10:15 PM	FedEx	<u>[Signature]</u>	5/27/25 10:00

REQUESTED SERVICES (Please check the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume or Area	Flame Atomic Absorption				Turnaround Time			
				EPA 7000B	NIOSH 7082	Other Analysis	Same Day	24 - Hour	3 - Day	5 - Day	
				Paint Chips wt% ppm mg/cm ²	Soil (mg/kg)	Wipes (ug/ft ²)	Air (ug / m ³)	TCLP - Pb	TCLP - RCRA 8	Other	
1	01	Soil		<input checked="" type="radio"/>	<input checked="" type="radio"/>						
2	02	Porch Floor (conc)	144 sq in			<input checked="" type="radio"/>					
3	03	Kitchen Floor	144 sq in			<input checked="" type="radio"/>					
4	04	Den Floor	144 sq in			<input checked="" type="radio"/>					
5	05	Living Rm Floor	144 sq in			<input checked="" type="radio"/>					
6											
7											
8											
9											
10											
11											