

**CHEROKEE NATION**  
Environmental Programs



**LEAD-BASED PAINT CLEARANCE TEST**

**PARTICIPANT:** BENNETT, DEBRA

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

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

## GENERAL INFORMATION

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**Date of Clearance Inspection:** December 29, 2022

**Participant Name:**

Debra Bennett  
918-269-8715  
1809 N Indianapolis Ave, Tulsa, OK 74115  
36.1811 N°, -95.9391 W°  
Home constructed in 1950

**Clearance Examiner:**

Logan Girty, Environmental Specialist II  
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:

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Based on a visual assessment and dust sampling on December 29, 2022, dust-lead hazards, as defined by federal standards were found.

**Signature:** Logan Girty

**Date:** 1/6/2023

# SUMMARY OF HAZARD REDUCTION ACTIVITIES

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**Completion Date:** December 29, 2022 @ 6:38 AM

**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
Exterior	Enclose Side A Porch Ceiling
Exterior	Replace Side A&C Door (Jamb)
Exterior	Replace Side A&C Window
<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 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.
<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
Side A Exterior	No	No	No		Pass
Window Sills & Troughs	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	Side A Porch	Floor (Conc)	12x12	140	Pass
02	Den	Floor (Vinyl)	12x12	86	Fail

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
03	A&C Side	Bare	210	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:** 353995  
**Date Received:** 01/04/23  
**Received By:** Jake Martin  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 01/05/23

AIHA LAP, LLC: 101352

**Client:** Cherokee Nation Environmental Programs  
Logan Girty  
PO Box 948  
Tahlequah, OK 74464

**Acct. No.:** C162

**Project:** Debra Bennett

**Location:** Tulsa

**Project No.:** NA

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	140	50	ug/sq. Ft.	01/04/23 14:33	NIOSH 7082
002	02	Wipe	Lead	86	50	ug/sq. Ft.	01/04/23 14:33	NIOSH 7082
003	03	Soil	Lead	210	40	mg/kg	01/05/23 12:11	Soil EPA 7000B (1)

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

Cherry Rossen, 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.

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: 20432  
Test: Lead

Date: 1/4/2023  
Matrix: Wipe

Lab Number: 353995  
Approved By: Cherry Rossen  
Date Approved: 1/4/2023

## Notes:

## Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

## Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	2.2	2.6	2.8
FCV	2.2	2.6	2.8
RLVS	0.05	0.13	0.15
ICV	0.9	1.1	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	2.675	110.2	2.646	109.0	1.1

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

*Cherry Rossen*

Cherry Rossen, Technical Manager

# Supplemental Report

## QAQC Results

QA ID: 20436  
Test: Lead

Date: 1/5/2023  
Matrix: Soil

Lab Number: 353995  
Approved By: Cherry Rossen  
Date Approved: 1/5/2023

### Notes:

### Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

### Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	2.2	2.5	2.8
FCV	2.2	2.5	2.8
RLVS	0.08	0.15	0.24
ICV	0.9	0.9	1.1

### Duplicate Data:

Sample Number	Result	Duplicate	% RPD
353995-003	0.840	0.971	14.4

### Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S1	0.000	2.428	2.261	93.1	2.298	94.6	1.6
353995-003	0.840	2.000	2.705	93.3			

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

*Cherry Rossen*

Cherry Rossen, Technical Manager



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**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

For Lab Use Only  
 Lab No. 353995  
 Accept  Reject

<b>Contact Information</b>		<b>Project Information</b>	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Debra Bennett	Report Results ( <input checked="" type="checkbox"/> one box)
Contact: Logan Gitty	Cell Phone: (918) 772-8346	Project Location: Tulsa	<input type="radio"/> Quantem Website
Account #: C 162	E-mail: logan-gitty@cherokee.org	Project ID:	<input checked="" type="radio"/> Email <u>logan-gitty@cherokee.org</u>
SAMPLED BY: Name: Logan Gitty	Date: 12/29/2022	P.O. Number: 289369	<input type="radio"/> Other _____

RELINQUISHED BY <i>Logan Gitty</i>	DATE & TIME 12/29/2022 4:30 PM	VIA FedEx	RECEIVED BY	DATE & TIME
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REQUESTED SERVICES (Please  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								
				wt% ppm mg/cm <sup>2</sup>	Bulk (mg/kg)	Soil (mg/kg)	Wipes (ug/ft <sup>2</sup> )	Air (µg /m <sup>3</sup> )	TCLP - Pb	TCLP - RCRA 8	RCRA 8	Other	
1	01	A Side Porch Floor (Concrete)	144 sq in	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>						<input type="radio"/> Same Day
2	02	Den Floor (Vinyl)	144 sq in	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>						<input type="radio"/> 24 - Hour
3	03	A&C Side		<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>							<input type="radio"/> 3 - Day
4				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							<input type="radio"/> 5 - Day
5				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
6				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
7				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
8				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
9				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
10				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
11				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							

**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