

**CHEROKEE NATION**  
Environmental Programs



**LEAD-BASED PAINT CLEARANCE TEST**

**PARTICIPANT:** SIMPSON, BILLIE

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

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

GENERAL INFORMATION

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**Date of Clearance Inspection:** April 24, 2023

**Participant Name:**

Billie Simpson  
608 E 49<sup>th</sup> Pl. N Tulsa, OK 74130  
36.2272 N°, -95.9866 W°  
Home constructed in 1960

**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 April 24, 2023, no dust-lead hazards, as defined by federal standards were found. This is the second clearance test for this site.

**Signature:** Logan Girty

**Date:** 4/28/2023

## SUMMARY OF HAZARD REDUCTION ACTIVITIES

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**Completion Date:** April 21, 2023 @ 4:30 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)

<b>Location</b>	<b>Activity</b>
Interior	Replace Living Rm Side A Door & Casing
Exterior	Encapsulate/Replace Side A Garage Door
Exterior	Enclose/Replace Side D Exterior Siding
<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**

<b>Work Area</b>	<b>Deteriorated Paint</b>	<b>Debris</b>	<b>Visible Dust</b>	<b>Notes</b>	<b>Pass/Fail</b>
Living & Kitchen	No	No	No		Pass
Ext Side A&D	No	No	No		Pass

**DUST LEAD HAZARD CLEARANCE EXAMINATION:**

<b>Sample #</b>	<b>Location</b>	<b>Surface</b>	<b>Dimensions of sample area (inch)</b>	<b>µg /ft<sup>2</sup></b>	<b>Pass/Fail</b>
01	Kitchen	Window Trough	74.25	<9.6	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:**

<b>Sample #</b>	<b>Location</b>	<b>Bare or Covered</b>	<b>µg /g</b>	<b>Pass/Fail</b>

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:** 357811      **Client:** Cherokee Nation Environmental Programs  
**Date Received:** 04/26/23      Logan Girty  
**Received By:** Baylie Longstreth      PO Box 948  
**Date Sampled:**      Tahlequah, OK 74464  
**Time Sampled:**      **Acct. No.:** C162  
**Analyst:** CR      **Project:** Billie Simpson  
**Date of Report:** 04/27/23      **Location:** Tulsa  
AIHA LAP, LLC: 101352      **Project No.:** N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	<9.6	9.6	ug/sq. Ft.	04/27/23 13:43	NIOSH 7082

**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: 20663  
Test: Lead

Date: 4/27/2023  
Matrix: Wipe

Lab Number: 357811  
Approved By: Cherry Rossen  
Date Approved: 4/27/2023

**Notes:**

**Blank Data:**

Type of Blank	Blank Value
FCB	0
Matrix Blank 3	0
Matrix Blank 4	0
ICB	0


**Standards Data:**

Standard	Low Limit	Obtained	High Limit
CCV	2.2	2.5	2.8
FCV	2.2	2.5	2.8
RLVS	0.05	0.09	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-W3	0.000	2.428	2.391	98.5	2.519	103.8	5.2
MS-W4	0.000	2.428	2.879	118.6	2.718	111.9	5.8

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

<b>Contact Information</b> Company: Cherokee Nation Environmental Programs Contact: Logan Girty Account #: C 162 Phone: (918) 453-5000 Cell Phone: (918) 772-8346 E-mail: logan-girty@cherokee.org Date: 04/24/2023		<b>Project Information</b> Project Name: Billie Simpson Project Location: Tulsa Project ID: P.O. Number: 289369	
<b>Report Results</b> (one box) <input type="radio"/> QuantEM Website <input checked="" type="radio"/> Email logan-girty@cherokee.org <input type="radio"/> Other		Report Results (one box) <input checked="" type="radio"/> Accept <input type="radio"/> Reject	

<b>SAMPLED BY:</b> Name: Logan Girty <i>Logan G. Girty</i>	<b>RELINQUISHED BY:</b> <i>Logan G. Girty</i>	<b>DATE &amp; TIME</b> 4/24/2023 2:30 PM	<b>DATE &amp; TIME</b> 4/26/23 9:50
<b>VIA</b> FedEx		<b>RECEIVED BY</b> <i>[Signature]</i>	

### 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	Air (µg/m³)	Other Analysis										
1	01	Kitchen Window Trough	74.25 sq in	<input type="radio"/> wt%	<input checked="" type="radio"/> NIOSH 7082	<input type="radio"/> Wipes (µg/ft²)	<input type="radio"/> Soil (mg/kg)	<input type="radio"/> Bulk (mg/kg)	<input type="radio"/> Air (µg/m³)	<input type="radio"/> TCLP - Pb	<input type="radio"/> TCLP - RCRA 8	<input type="radio"/> RCRA 8	<input type="radio"/> Other	<input type="radio"/> Same Day	<input checked="" type="radio"/> 24 - Hour	<input type="radio"/> 3 - Day	<input type="radio"/> 5 - Day
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