

**CHEROKEE NATION**  
Environmental Programs



**LEAD-BASED PAINT CLEARANCE TEST**

**PARTICIPANT:** AVINGTON, CORNELL

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

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

GENERAL INFORMATION

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**Date of Clearance Inspection:** January 23, 2025

**Participant Name:**

Cornell Avington  
1728 N Elgin Ave, Tulsa, OK 74106  
36.1804 N°, -95.9908 W°  
Home constructed in 1940

**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:

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Based on a visual assessment and dust sampling on January 23, 2025, no dust-lead hazards, as defined by federal standards were found.

**Signature:** Logan Girty

**Date:** 1/28/2025

## SUMMARY OF HAZARD REDUCTION ACTIVITIES

**Completion Date:** January 22, 2025 @ 1:00 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	Encapsulate A, B & D Walls in Bedroom 3 and Hallway
	See Attached Work Write-Up
<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
Bedroom 3	No	No	No		Pass
Hallway	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	Bedroom 3	Floor	12x12	<2.5	Pass
02	Hallway	Floor	12x12	<2.5	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors  $5\mu\text{g} / \text{ft}^2$ , Interior window sill  $40\mu\text{g} / \text{ft}^2$ , 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

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

<b>Quantem Set ID:</b> 375914	<b>Client:</b> Cherokee Nation Environmental Programs
<b>Date Received:</b> 01/27/25	Logan Girty
<b>Received By:</b> Baylie Puga	PO Box 948
<b>Date Sampled:</b>	Tahlequah, OK 74464
<b>Time Sampled:</b>	<b>Acct. No.:</b> C162
<b>Analyst:</b>	<b>Project:</b> Cornell Avington
<b>Date of Report:</b> 01/28/25	<b>Location:</b> Tulsa
<b>AIHA LAP, LLC:</b> 101352	<b>Project No.:</b> N/A

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.	01/28/25 9:44	NIOSH 7082
002	02	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	01/28/25 9:44	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.

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: 21457  
Test: Lead

Date: 1/28/2025  
Matrix: Wipe

Lab Number: 375914  
Approved By: Eric Caves  
Date Approved: 1/28/2025

Notes:

### Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

### Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.42	2.8
CCV	2.2	2.48	2.8
RLVS	0.05	0.14	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-W	0.000	2.428	2.373	97.7	2.409	99.2	1.5

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

www.QuanTEM.com

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only  
 Lab No. 375914  
 Accept  Reject

Report Results (☑ one box)  
 Quantem Website  
 Email logan-girty@cherokee.org  
 Other \_\_\_\_\_

Project Information  
 Project Name: Cornell Avington  
 Project Location: Tulsa  
 Project ID: \_\_\_\_\_  
 P.O. Number: 895481

Contact Information  
 Company: Cherokee Nation Environmental Programs Phone: (918) 453-5000  
 Contact: Logan Girty Cell Phone: (918) 772-8346  
 Account #: C 162 E-mail: logan-girty@cherokee.org  
 SAMPLED BY: Name: Logan Girty Date: 01/23/2025

RELINQUISHED BY: \_\_\_\_\_  
 DATE & TIME: 1/23/2025 5:00 PM  
 VIA: FedEx  
 RECEIVED BY: \_\_\_\_\_  
 DATE & TIME: 1/27/25 9:30

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	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	Bedroom 3 Floor	144 sq in	<input type="radio"/> wt% <input checked="" type="radio"/> ppm <input type="radio"/> mg/cm <sup>2</sup>			✓						<input type="radio"/> Same Day <input checked="" type="radio"/> 24 - Hour <input type="radio"/> 3 - Day <input type="radio"/> 5 - Day
2	02	Hallway Floor	144 sq in				✓						
3													
4													
5													
6													
7													
8													
9													
10													
11													

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