

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

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:

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
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
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

Quantem Set ID: 375914
Date Received: 01/27/25
Received By: Baylie Puga
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 01/28/25
AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Logan Girty
PO Box 948
Tahlequah, OK 74464
Acct. No.: C162
Project: Cornell Avington
Location: Tulsa
Project No.: 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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
 Lab No. 375914
 Accept Reject

Contact Information 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: 01/23/2025		Project Information Project Name: Cornell Avington Project Location: Tulsa Project ID: P.O. Number: 895481	
Report Results <input checked="" type="checkbox"/> one box <input type="radio"/> Quantem Website Email logan-girty@cherokee.org Other:		RECEIVED BY [Signature] DATE & TIME 1/27/25 9:30	

SAMPLED BY: Name: Logan Girty [Signature]	RELINQUISHED BY: [Signature]	DATE & TIME 1/23/2025 5:00 PM	VIA FedEx
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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 mg/kg	NIOSH 7082 Wipes (ug/t²)	Air (ug /m³)		
1	01	Bedroom 3 Floor	144 sq in	<input checked="" type="radio"/> w% <input checked="" type="radio"/> ppm <input type="radio"/> mg/cm²	<input type="radio"/>	<input type="radio"/>	TCLP - RCR 8	Same Day
2	02	Hallway Floor	144 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	TCLP - Pb	24 - Hour
3				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		3 - Day
4				<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