



# LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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For Lab Use Only  
Lab No. **357634**  
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Contact Information		Project Information	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Jason Norris	Report Results (check one box)
Contact: C. Nicolas Clark	Cell Phone: (918) 316-7451	Project Location: Vinita	<input type="radio"/> Quantem Website
Account #: C162	E-mail: carlton-clark@cherokee.org	Project ID:	<input checked="" type="radio"/> Email carlton-clark@cherokee.org
SAMPLED BY: Name: C. Nicolas Clark	Date: 04/18/2023	PO Number: 289369	<input type="radio"/> Other

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>C. Nicolas Clark</i>	04/18/23 5pm	Fed Ex	<i>B. Clark</i>	4/20/23 9:30

REQUESTED SERVICES (Please check the appropriate boxes)									
No.	Sample ID (10 Characters Max)	Sample Description	Volume or Area	Flame Atomic Absorption				Other Analysis	
				EPA 7000B	NIOSH 7082	Paint Chips	Air (µg/m³)	TCLP - Pb	TCLP - RCRA 8
				w% ppm mg/cm²					
1	01	Living Room Floor	144 sq in						
2	02	Living Room WT	40 sq in						
3	03	Bath Floor	144 sq in						
4	04	Bath WT	46 sq in						
5	05	Soil							
6									
7									
8									
9									
10									
11									

TURNAROUND TIME
<input type="radio"/> Same Day
<input checked="" type="radio"/> 24 - Hour
<input type="radio"/> 3 - Day
<input type="radio"/> 5 - Day

## Supplemental Report QAQC Results

QA ID: 20645  
Test: Lead

Date: 4/21/2023  
Matrix: Wipe

Lab Number: 357634  
Approved By: Cherry Rossen  
Date Approved: 4/21/2023

Notes: FCV was out of laboratory limits  
CCV was out of laboratory limits

### 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	2.1	2.8
FCV	2.2	2	2.8
RLVS	0.05	0.14	0.15
ICV	0.9	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	2.456	101.2	2.375	97.8	3.4

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

*Cherry Rossen*



## Supplemental Report QAQC Results

QA ID: 20644  
Test: Lead

Date: 4/21/2023  
Matrix: Soil

Lab Number: 357634  
Approved By: Cherry Rossen  
Date Approved: 4/21/2023

Notes: CCV was out of laboratory limits

### 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	2.1	2.8
FCV	2.2	2.3	2.8
RLVS	0.08	0.2	0.24
ICV	0.9	1	1.1

### Duplicate Data:

### Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S1	0.000	2.428	2.405	99.0	2.231	91.9	7.5

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

*Cherry Rossen*

Cherry Rossen, Technical Manager



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

## Environmental Chemistry Analysis Report

Quantem Set ID: 357634  
Date Received: 04/20/23  
Received By: Baylie Longstreth  
Date Sampled:  
Time Sampled:  
Analyst: CR  
Date of Report: 04/21/23

AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs  
Carlton N Clark  
PO Box 948  
Tahlequah, OK 74464  
Acct. No.: C162  
Project: Jason Norris  
Location: Vinita  
Project No.: N/A

Quantem ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	<5.0	5	ug/sq. Ft.	04/21/23 11:49	NIOSH 7082
002	02	Wipe	Lead	81	19	ug/sq. Ft.	04/21/23 11:49	NIOSH 7082
003	03	Wipe	Lead	6.1	5	ug/sq. Ft.	04/21/23 11:49	NIOSH 7082
004	04	Wipe	Lead	22	16	ug/sq. Ft.	04/21/23 11:49	NIOSH 7082
005	05	Soil	Lead	130	40	mg/kg	04/21/23 11:49	Soil EPA 7000B (1)

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

*Cherry Rossen*

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

### VISUAL ASSESSMENT – LEAD HAZARD CLEARANCE EXAMINATION

Work Area	Deteriorated Paint	Debris	Visible Dust	Notes	Pass/Fail
Living Room Floor	No	No	No		Pass
Living Room Window Trough	No	No	No		Pass
Bath Floor	No	No	No		Pass
Bath Window Trough	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	Living Room	Floor	144	<5.0	Pass
02	Living Room	Window Trough	40	81	Pass
03	Bathroom	Floor	144	6.1	Pass
04	Bathroom	Window Trough	46	22	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors  $40\mu\text{g} / \text{ft}^2$ , Interior window sill  $250\mu\text{g} / \text{ft}^2$ , Window trough:  $400\mu\text{g} / \text{ft}^2$

### SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	$\mu\text{g} / \text{g}$	Pass/Fail
05	Drip Line	Bare	130	Pass

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



## SUMMARY OF HAZARD REDUCTION ACTIVITIES

**Start and Completion Date:** 4/10/2023 to 4/17/2023

**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 A side	Window Sill
Exterior B,C,D side	Soffit
<b>Description of Work:</b>	Prior to initiating work, install one layer of six-mil plastic on bedroom 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.

## GENERAL INFORMATION

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**Date of Clearance Inspection:** April 18, 2023

**Participant Name:**

Jason Norris  
918-440-5116  
232 SE Avondale Bartlesville, OK 74006  
36.7542 -95.9328  
Built in 1950

**Clearance Examiner:**

C. Nick Clark, Risk Assessor  
OKRASR13910, CNRASR00036  
Cherokee Nation Environmental Programs  
PO Box 948, Tahlequah, OK 74465  
(918) 316-7451  
OKFIRM11198, CNFIRM00001

**Laboratory:**

Quantem Laboratories  
AIHA 101352, ELLAP 101959-0  
2033 Heritage Park Dr.  
Oklahoma City, OK 73120-7502  
(405) 755-7272

## SUMMARY OF CLEARANCE RESULTS:

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Based on a visual assessment and dust sampling on April, 18 2023, dust-lead hazards, as defined by federal standards were not found. This was the first clearance for the site.

Signature: C. Nick Clark

Date: 04/21/2023

# CHEROKEE NATION

Environmental Programs



## LEAD-BASED PAINT CLEARANCE TEST

**PARTICIPANT:** NORRIS, JASON

**PREPARED BY:** C. NICK CLARK, ENVIRONMENTAL SPECIALIST IV

**REQUESTED BY:** HACN HOUSING REHABILITATION – CHARLIE GANN