

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: VANN, LARRY JOE

PREPARED BY: C. NICK CLARK, ENVIRONMENTAL SPECIALIST IV

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

GENERAL INFORMATION

Date of Clearance Inspection: October 6, 2022

Participant Name:

Larry Joe Vann
918-269-4619
6603 E. Reading St. Tulsa, OK 74115
36.179973 -95.902929
Built in 1948

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:

Based on a visual assessment and dust sampling on September 30, 2022, dust-lead hazards, as defined by federal standards were not found. This was the first clearance for the site.

Signature:

C. Nick Clark

Date:

10-6-22

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Start and Completion Date: 9/15/2021 to 9/29/2022

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 D side	Wall
Exterior C side	Wall
Exterior C side	Porch Ceiling
Description of Work:	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.
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
Living Room WT	No	No	No		Pass
Bedroom 2 WS	No	No	No		Pass
Kitchen Floor	No	No	No		Pass
C side porch floor	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	WT	144	11	Pass
02	Bedroom 2	WS	144	<17	Pass
03	Kitchen	Floor	144	<5.0	Pass
04	C side porch floor	Floor	144	<5.0	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	480	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: 351332
Date Received: 10/05/22
Received By: Baylie Longstreth
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 10/06/22
AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Carlton N Clark
PO Box 948
Tahlequah, OK 74464
Acct. No.: C162
Project: Larry Joe Vann
Location: Tulsa
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	11	9.3	ug/sq. Ft.	10/05/22 14:54	NIOSH 7082
002	02	Wipe	Lead	<17	17	ug/sq. Ft.	10/05/22 14:54	NIOSH 7082
003	03	Wipe	Lead	<5.0	5	ug/sq. Ft.	10/05/22 14:54	NIOSH 7082
004	04	Wipe	Lead	<5.0	5	ug/sq. Ft.	10/05/22 14:54	NIOSH 7082
005	05	Soil	Lead	480	40	mg/kg	10/05/22 14:54	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: 20307

Test: Lead

Date: 10/5/2022

Matrix: Soil

Lab Number: 351332

Approved By: Cherry Rossen

Date Approved: 10/5/2022

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	0.08	0.2	0.24
ICV	0.9	1.1	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
351102-006	0.117	0.128	8.6

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S1	0.000	2.428	2.447	100.8	2.382	98.1	2.7
351102-006	0.117	2.000	2.206	104.4			

Authorized Signature: _____

Cherry Rossen

Supplemental Report

QAQC Results

QA ID: 20308

Test: Lead

Date: 10/5/2022

Matrix: Wipe

Lab Number: 351332

Approved By: Cherry Rossen

Date Approved: 10/5/2022

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	0.08	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-WI	0.000	2.428	2.426	99.9	2.228	91.8	8.5

Authorized Signature: _____

Cherry Rossen

Cherry Rossen, 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

Contact Information		Project Information	
Company:	Cherokee Nation Environmental Programs	Project Name:	Larry Joe Vann
Contact:	C. Nicolas Clark	Project Location:	Tulsa
Account #:	C162	Project ID:	
SAMPLED BY:	Name: C. Nick Clark	P.O. Number:	271953
	Phone: (918) 453-5000		
	Cell Phone: (918) 316-7451		
	E-mail: carlton-clark@cherokee.org		
	Date: 09/30/2022		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>C. Nick Clark</i>	10-3-22 10am FedEx		<i>[Signature]</i>	10/5/22 9:30

REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis					Units (<input checked="" type="checkbox"/> ONE box only)					Sample Matrix Codes
						Pb					PPM	Wt %	mg / l	µg / ft²	µg / m³	
1	01	Living Room WT		78 sq in	C	<input checked="" type="checkbox"/>									A	Soil
2	02	Bedroom 2 WS		41.25 sq in.	C	<input checked="" type="checkbox"/>									B	Paint Chips
3	03	Kitchen Floor		144 sq in	C	<input checked="" type="checkbox"/>									C	Surface / Dust Wipes
4	04	C side Porch Floor (Wood)		144 sq in	C	<input checked="" type="checkbox"/>									D	Bulk Miscellaneous
5	05	Composite C & D side Soil			A	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				E	Air Cassette
6																
7																
8																
9																
10																
11																
12																

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