

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: ADAIR, RICKY

PREPARED BY: LOGAN GIRTY, ENVIRONMENTAL SPECIALIST III

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

GENERAL INFORMATION

Date of Clearance Inspection: September 3, 2024

Participant Name:

Ricky Adair
529 W 9th St, Chelsea, OK 74016
36.5352 N°, -95.4390 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:

Based on a visual assessment and dust sampling on September 3, 2024, no dust-lead hazards, as defined by federal standards were found.

Signature: Logan Girty

Date: 9/9/2024

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Completion Date: Sept 3, 2024 @ 11:00 AM

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	Replace All Windows
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
Exterior	No	No	No		Pass
Interior	No	No	No		Pass
Garage	No	No	No		Pass

DUST LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Surface	Dimensions of sample area (inch)	µg /ft²	Pass/Fail
01	Living Rm	Floor	12x12	<2.5	Pass
02	Bath	Floor	12x12	<2.5	Pass
03	Bath	Window Sill	3.25x28	<4	Pass
04	Kitchen	Floor	12x12	<2.5	Pass
05	A-Side Porch	Floor (conc)	12x12	6.8	Pass
07	Exterior	Window Sill Side-D	1.25x30	<9.6	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors 10µg /ft², Interior window sill 100µg /ft², Window trough: 100µg /ft²

SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	µg /g	Pass/Fail
06	Composite Soil	Bare	<25	Pass

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: 372196
Date Received: 09/05/24
Received By: Eric Caves
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 09/05/24
 AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
 Logan Girty
 PO Box 948
 Tahlequah, OK 74464

Acct. No.: C162

Project: Ricky Adair
Location: Chelsea
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.	09/05/24 14:15	NIOSH 7082
002	02	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	09/05/24 14:15	NIOSH 7082
003	03	Wipe	Lead	<4.0	4	ug/sq. Ft.	09/05/24 14:15	NIOSH 7082
004	04	Wipe	Lead	<2.5	2.5	ug/sq. Ft.	09/05/24 14:15	NIOSH 7082
005	05	Wipe	Lead	6.8	2.5	ug/sq. Ft.	09/05/24 14:15	NIOSH 7082
006	06	Soil	Lead	<25	25	mg/kg	09/05/24 14:15	Soil EPA 7000B (1)
007	07	Wipe	Lead	<9.6	9.6	ug/sq. Ft.	09/05/24 14:15	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: 21199
Test: Lead

Date: 9/5/2024
Matrix: Soil

Lab Number: 372196
Approved By: Eric Caves
Date Approved: 9/5/2024

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.41	2.8
CCV	2.2	2.47	2.8
ICV	0.9	0.99	1.1
RLVS	0.08	0.16	0.24

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
372153-008	0.748	0.769	2.8

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S	0.000	2.428	2.500	103.0	2.590	106.7	3.5
372153-008	0.748	2.000	2.739	99.6			

Authorized Signature: _____



Supplemental Report QAQC Results

QA ID: 21200
Test: Lead

Date: 9/5/2024
Matrix: Wipe

Lab Number: 372196
Approved By: Eric Caves
Date Approved: 9/5/2024

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.41	2.8
CCV	2.2	2.47	2.8
ICV	0.9	0.99	1.1
RLVS	0.05	0.07	0.15

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	2.690	110.8	2.640	108.7	1.9

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. 372196
 Accept Reject

Contact Information		Project Information	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Ricky Adair	Report Results (<input checked="" type="checkbox"/> one box)
Contact: Logan Girty	Cell Phone: (918) 772-8346	Project Location: Chelsea	<input checked="" type="radio"/> QUANTEM Website
Account #: C 162	E-mail: logan-girty@cherokee.org	Project ID:	<input checked="" type="radio"/> Email logan-girty@cherokee.org
SAMPLED BY: Name: Logan Girty	Date: 09/03/2024	P.O. Number: 874812	<input type="radio"/> Other

RELINQUISHED BY <i>Logan E. Girty</i>	DATE & TIME 9/3/2024 5:00 PM	VIA FedEx	RECEIVED BY <i>[Signature]</i>	DATE & TIME 9/5/24 1110
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REQUESTED SERVICES (Please the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume or Area	Flame Atomic Absorption						TURNAROUND TIME						
				EPA 7000B	NIOSH 7082	Other Analysis	Paint Chips	Bulk (mg/kg)	Soil (mg/kg)		Wipes (ug/ft ²)	Air (ug /m ³)	TCLP - Pb	TCLP - RCRA 8	RCRA 8	Other
1	01	Living Rm Floor	144 sq in				<input checked="" type="checkbox"/>									<input checked="" type="radio"/> Same Day
2	02	Bath Floor	144 sq in				<input checked="" type="checkbox"/>									<input checked="" type="radio"/> 24 - Hour
3	03	Bath Window Sill	91 sq in				<input checked="" type="checkbox"/>									<input checked="" type="radio"/> 3 - Day
4	04	Kitchen Floor	144 sq in				<input checked="" type="checkbox"/>									<input checked="" type="radio"/> 5 - Day
5	05	A Side Porch Floor (conc)	144 sq in				<input checked="" type="checkbox"/>									
6	06	Composite Soil					<input checked="" type="checkbox"/>									
7	07	D Side Ext. Window Sill	37.5 sq in				<input checked="" type="checkbox"/>									
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