

CHEROKEE NATION
Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: POLK, SANDRA

PREPARED BY: LOGAN GIRTY, ENVIRONMENTAL SPECIALIST III

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Completion Date: September 26, 2024 @ 3:30 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
Exterior	A-Side Soffit & Fascia (Please See Attached 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.

WorkWrite-Up and Bid Document/By Trade

Sandra Polk (LBP)

315 S. Oak Big Cabin, OK 7-4332
(918) 323-1698

Contractor Name: _____

Contractor Signature: _____

This document must be signed to be a valid bid.

PROJECT TYPE: Hazard Reduction

Bid Due Date:

<i>Trade</i>	<i>Work Description / Comments</i>	<i>Gen. Spec.</i>	<i>Qty Unit</i>	<i>Item Bid</i>
<u>Carpentry</u>				
1	<i>Area:</i> EXTERIOR Fascia/Cover with Metal-Aluminum. Cap fascia with new metal-aluminum with baked on finish. Pop rivet all corners and joints. Unscrew the metal fascia screwed to the ends of the rafter tails to allow room for the new fascia and secure metal back to the fascia.	Div.# 15.C.	70 LF	<div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div>
2	<i>Area:</i> EXTERIOR Fascia/Replace/1" x 8". Replace Fascia/1" x 8". Install on the A-side of the house, B- side of the porch and small area of the D- side to tie into the A- side. Use cedar.	Div.# 6.P	70 LF	<div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div>
3	<i>Area:</i> EXTERIOR Rafter Tail/Replace rafter tail. Sister new rafter tail to existing. Move back all the rafter tails to allow room for the new fascia to be installed, homeowner has install rafter tails, they extend out pass the decking.	Div.# 6.P	30 LF	<div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div>

Hazard Reduction

<i>Trade</i>	<i>Work Description / Comments</i>	<i>Gen. Spec.</i>	<i>Qty Unit</i>	<i>Item Bid</i>
<u>Hazard Reduction</u>				
4	<i>Area:</i> EXTERIOR	Div.# 18.52.	70 SF	<input type="text"/>
Enclose LBP/Soffit/3/8" ac plywood. Install new 3/8" plywood ac soffit over material w/Lead-based paint. Soffit shall be covered with Tyvek house wrap (or written approved equal)				
Check LBP Reports, install on the A- side, B- side of porch and D- side where new fascia was installed.				
<u>Paint & Finish</u>				
5	<i>Area:</i> EXTERIOR	Div.# 9.N.4	70 LF	<input type="text"/>
Fascia/Paint fascia/two coats.				
6	<i>Area:</i> EXTERIOR	Div.# 9.N.4	70 SF	<input type="text"/>
Soffit/Paint soffit/two coats.				

All construction shall be in accordance with local codes, manufacturers' recommended installation procedures, good quality workmanship practices, General Specifications and Lead-Based Paint requirements when applicable. Conflicts between requirements will be resolved by compliance with the more stringent requirement. Contractor awarded the job will be responsible for conducting safe work practices that comply with OSHA Construction Standards for Asbestos Workers. Asbestos report, where required, will be attached if areas tested are 1% or greater. See attached Asbestos Sampling Report for location and testing of Planned Work Activities.

Total:

VISUAL ASSESSMENT – LEAD HAZARD CLEARANCE EXAMINATION

Work Area	Deteriorated Paint	Debris	Visible Dust	Notes	Pass/Fail
Exterior A-Side	No	No	No		Pass

DUST LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Surface	Dimensions of sample area (inch)	µg /ft²	Pass/Fail
01	Side A Porch	Floor (wood)	12x12	<2.5	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
02	A-Side Dripline	Bare	76	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: 372965
Date Received: 10/01/24
Received By: Baylie Longstreth
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 10/01/24
AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
Logan Girty
PO Box 948
Tahlequah, OK 74464
Acct. No.: C162
Project: Sandra Polk
Location: Big Cabin
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.	10/01/24 13:00	NIOSH 7082
002	02	Soil	Lead	76	25	mg/kg	10/01/24 13:00	Soil EPA 7000B (1)

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: 21247
Test: Lead

Date: 10/1/2024
Matrix: Soil

Lab Number: 372965
Approved By: Eric Caves
Date Approved: 10/1/2024

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
RLVS	0.05	0.09	0.15
ICV	0.9	0.98	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
372965-002	0.300	0.300	0.0

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S	0.000	2.428	2.234	92.0	2.261	93.1	1.2
372965-002	0.300	2.000	2.250	97.5			

Authorized Signature: _____



Eric Caves, Chemistry Technical Manager

Supplemental Report

QAQC Results

QA ID: 21248

Test: Lead

Date: 10/1/2024

Matrix: Wipe

Lab Number: 372965

Approved By: Eric Caves

Date Approved: 10/1/2024

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
RLVS	0.05	0.09	0.15
ICV	0.9	0.98	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	2.389	98.4	2.385	98.2	0.2

Authorized Signature: _____



Eric Caves, Chemistry Technical Manager



www.QuanTEM.com

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. <u>372965</u>
<input checked="" type="radio"/> Accept <input type="radio"/> Reject

Contact Information		Project Information		Report Results (☑ one box)	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Sandra Polk	<input type="radio"/> Quantem Website		
Contact: Logan Girty	Cell Phone: (918) 772-8346	Project Location: Big Cabin	<input checked="" type="radio"/> Email <u>logan-girty@cherokee.org</u>		
Account #: C 162	E-mail: logan-girty@cherokee.org	Project ID:	<input type="radio"/> Other _____		
SAMPLED BY: Name: Logan Girty	Date: 09/27/2024	PO Number: 874812			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Logan E. Girty</i>	9/27/2024 4:20 PM	FedEx	<i>[Signature]</i>	10/1/24 9:00

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								
				wt% ppm mg/cm ²	Bulk (mg/kg)	Soil (mg/kg)	Wipes (ug/ft ²)	Air (ug /m ³)	TCLP - Pb	TCLP - RCRA 8	RCRA 8	Other	
1	01	A Side Porch Floor	144 sq in										
2	02	A Side Soil				✓	✓						
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