

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: BRESHEARS, ALANA

PREPARED BY: ASHLEY WAGNON, MANAGER

REQUESTED BY: CHEROKEE NATION HOUSING REHABILITATION (HUD) –
GEORGE HUBBARD

I. GENERAL INFORMATION

Date of Inspection: July 15, 2022

Participant Name:

Alana Breshears
441168 E 240 Rd, Vinita, OK 74301
(918) 244-1050
36.671081 N, -95.141382 W

Clearance Examiner:

Ashley Wagnon, Manager
OKRASR13907, CNRASR00018
Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5000
OKFIRM11198, CNFIRM00001

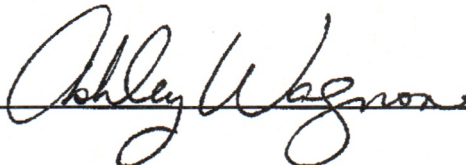
Laboratory:

QuanTEM Laboratories
AIHA-LAP 101352, NVLAP 101959-0
2033 Heritage Park Drive
Oklahoma City, OK 73120
(800) 822-1650

Summary of Clearance Results:

Bases on a visual assessment and dust sampling on July 15, 2022, dust-lead hazards, as defined by federal standards were not found.

Signature:



Date: 7/22/2022

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Completion Date: 7/14/2022, 4:00 PM

Firm Information:

Rycon Environmental LLC
213 River St, Commerce, OK
OKFIRM12745
Construction Inspector: Carlos Ybarra, OK SUVR12761

Description of Hazard Reduction Activities and Areas Addressed:
(Information in this section provided by Cherokee Nation Housing Rehabilitation Department)

Location	Activity
Exterior A,B & D	Window Replacement
Description of Work:	Spray mist of water to reduce lead dust while removal is being performed. Once repairs/replacement is complete LBP positive materials are to be wrapped in six-mil plastic. All lap and joints are to be duct taped to prevent leaching of leaded dust.
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
Bedroom 1	No	No	No		Pass
Living Room	No	No	No		Pass

DUST LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Surface	Dimensions of sample area (inch)	µg /ft ²	Pass/Fail
01	Exterior	Window Trough	20 x 1.625	<22	Pass
02	Living Room	Floor	12 x 12	<5	Pass
03	Bedroom 1	Floor	12 x 12	<5	Pass
04	Exterior A Porch	Floor	12 x 12	<5	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors 10µg /ft², Interior window sill 150µg /ft², Window trough: 400µg /ft²

SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	µg /g	Pass/Fail
05	Dripline	Bare	80	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: 348729 **Client:** Cherokee Nation Environmental Programs
Date Received: 07/20/22 **PO Box 948**
Received By: Baylie Longstreth **Tahlequah, OK 74464**
Date Sampled:
Time Sampled: **Acct. No.:** C162
Analyst: CR **Project:** Breshears
Date of Report: 07/21/22 **Location:** N/A
AIHA LAP, LLC: 101352 **Project No.:** N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	<22	22	ug/sq. Ft.	07/21/22 14:50	NIOSH 7082
002	02	Wipe	Lead	<5.0	5	ug/sq. Ft.	07/21/22 14:50	NIOSH 7082
003	03	Wipe	Lead	<5.0	5	ug/sq. Ft.	07/21/22 14:50	NIOSH 7082
004	04	Wipe	Lead	<5.0	5	ug/sq. Ft.	07/21/22 14:50	NIOSH 7082
005	05	Soil	Lead	80	40	mg/kg	07/21/22 14:50	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: 20167
Test: Lead

Date: 7/20/2022
Matrix: Soil

Lab Number: 348729
Approved By: Cherry Rossen
Date Approved: 7/20/2022

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	2.3	2.8
FCV	2.2	2.6	2.8
RLVS	0.08	0.14	0.24
ICV	0.9	1.1	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
348658-007	2.010	1.820	9.9

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S1	0.000	2.428	2.762	113.8	2.593	106.8	6.3
348658-007	2.010	2.000	4.199	109.4			

Authorized Signature: _____

Cherry Rossen

Cherry Rossen, Technical Manager

Supplemental Report QAQC Results

QA ID: 20171
Test: Lead

Date: 7/21/2022
Matrix: Wipe

Lab Number: 348729
Approved By: Cherry Rossen
Date Approved: 7/21/2022

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
FCV	2.2	2.6	2.8
CCV	2.2	2.5	2.8
RLVS	0.05	0.12	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-W1	0.000	2.428	2.705	111.4	2.462	101.4	9.4

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

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For Lab Use Only
 Lab No. 348729
 Accept Reject

Contact Information Company: Cherokee Nation Environmental Programs Phone: (918) 453-5009 Contact: Ashley Waggon Cell Phone: Account #: C162 E-mail: ashley-waggon@cherokee.org SAMPLED BY: Name: Ashley Waggon Date: 07/15/2022		Project Information Project Name: Breshears Project Location: Project ID: P.O. Number: 271953	
RELINQUISHED BY <i>Ashley Waggon</i>		RECEIVED BY <i>Breshears</i>	
DATE & TIME 7/18/22		DATE & TIME 7/20/22 9:40	
VIA Fed Ex			

Report Results one box
 QuantEM Website
 Email ashley-waggon@cherokee.org
 Other

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	TCLP - Pb	TCLP - RCRA 8		
1	01	Window Trough	32.5 sq in	<input type="checkbox"/> wt% <input type="checkbox"/> ppm <input type="checkbox"/> mg/cm ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same Day
2	02	Living Room Floor	144 sq in	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24 - Hour
3	03	Bedroom 1Floor	144 sq in	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 - Day
4	04	A Porch Floor	144 sq in	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5 - Day
5	05	Dripline	40 ml	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6									
7									
8									
9									
10									
11									