

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: DRAKE, PEGGY

PREPARED BY: C. NICK CLARK, ENVIRONMENTAL SPECIALIST IV

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

GENERAL INFORMATION

Date of Clearance Inspection: December 13, 2021

Participant Name:

Peggy Drake
918-253-6383
703 N 4th St. Jay, OK 74346
36.429035 N°, -94.795840 W°

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 December 7, 2021, dust-lead hazards, as defined by federal standards were not found. This was the first clearance for the site.

Signature: 

Date: 12-14-21

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Start and Completion Date: 12/1/2021 to 12/7/2021

Firm Information:

HACN Housing Rehab LBP Crew
PO Box 948, Tahlequah, OK
OKFIRM11198
Project Designer: George Hubbard, OKPDR13330
Construction Inspector: Charlie Gann, OKSUVR13010

Description of Hazard Reduction Activities and Areas Addressed:

(Information in this section provided by Cherokee Nation Housing Rehabilitation Department)

Location	Activity
Interior & Exterior	Replacement of enclosed porch window and all casing components.
Interior Bathroom	Replacement of bathroom door
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
Enclosed Porch Floor	No	No	No		Pass
Enclosed Porch WT	No	No	No		Pass
Living Room Floor	No	No	No		Pass

DUST LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Surface	Dimensions of sample area (inch)	µg /ft ²	Pass/Fail
01	Enclosed Porch	Floor	12 x 12	<5.0	Pass
02	Enclosed Porch	Win. Trough	2.25 x 28	<11	Pass
03	Living Room	Floor	12 x 12	<5.0	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors 40µg /ft², Interior window sill 250µg /ft², Window trough: 400µg /ft²

SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	µg /g	Pass/Fail
04	Dripline	Bare	150	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: 341950
Date Received: 12/10/21
Received By: Cyonne Harrod
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 12/10/21
 AIHA LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
 Logan Girty
 PO Box 948
 Tahlequah, OK 74464
Acct. No.: C162
Project: Peggy Drake
Location: Jay
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.	12/10/21 14:32	NIOSH 7082
002	02	Wipe	Lead	<11	11	ug/sq. Ft.	12/10/21 14:32	NIOSH 7082
003	03	Wipe	Lead	<5.0	5	ug/sq. Ft.	12/10/21 14:32	NIOSH 7082
004	04	Soil	Lead	150	40	mg/kg	12/10/21 14:32	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: 19806
Test: Lead

Date: 12/10/2021
Matrix: Soil

Lab Number: 341950
Approved By: Cherry Rossen
Date Approved: 12/10/2021

Notes:

Blank Data:

Type of Blank	Blank Value
fcv	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	2.2	2.4	2.8
fcv	2.2	2.5	2.8
ICV	0.9	1	1.1
RLVS	0.08	0.18	0.24

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
341950-004	0.590	0.610	3.3

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S1	0.000	2.428	2.498	102.9	2.576	106.1	3.1
341950-004	0.590	2.000	2.850	113.0			

Authorized Signature: _____

Cherry Rossen

Cherry Rossen, Technical Manager

Supplemental Report QAQC Results

QA ID: 19807
Test: Lead

Date: 12/10/2021
Matrix: Wipe

Lab Number: 341950
Approved By: Cherry Rossen
Date Approved: 12/10/2021

Notes:

Blank Data:

Type of Blank	Blank Value
fcv	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	2.2	2.4	2.8
fcv	2.2	2.5	2.8
ICV	0.9	1	1.1
RLVS	0.05	0.09	0.15

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	2.488	102.5	2.457	101.2	1.2

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

For Lab Use Only
 Lab No. 341950
 Accept Reject

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information	
Company: Cherokee Nation Environmental Programs	Phone: (918) 453-5000	Project Name: Peggy Drake	Report Results <input checked="" type="checkbox"/> one box
Contact: Logan Girty	Cell/Phone: (918) 772-8346	Project Location: Jay	<input type="radio"/> QuantEM Website
Account #: C 162	E-mail: logan-girty@cherokee.org	Project ID:	Email logan-girty@cherokee.org
SAMPLED BY: <u>Logan Girty</u>	Name: Logan Girty	Date: 12/07/2021	Other
		P.O. Number: 260136	

RELINQUISHED BY: <u>Logan E. Girty</u>	VIA: FedEx	RECEIVED BY: <u>Cam</u>	DATE & TIME: 12/10/21
	DATE & TIME: 12/7/2021 4:00 PM		10:30

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	Other Analysis								
				wt%	ppm	mg/cm ²								
1	01	Enclosed Porch Floor	144 sq in				Soil (mg/kg)	Wipes (ug/ft ²)	Air (ug/m ³)	TCLP - Pb	TCLP - RCRA 8	RCRA 8	Other	<input checked="" type="radio"/> Same Day
2	02	Enclosed Porch Window Trough	63 sq in				Bulk (mg/kg)							<input type="radio"/> 24 - Hour
3	03	Living Rm Floor	144 sq in											<input type="radio"/> 3 - Day
4	04	C Side Soil												<input type="radio"/> 5 - Day
5														
6														
7														
8														
9														
10														
11														