

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT: BALL, CURTIS

PREPARED BY: LOGAN GIRTY, ENVIRONMENTAL SPECIALIST II

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

GENERAL INFORMATION

Date of Clearance Inspection: June 2, 2022

Participant Name:

Curtis Ball
918-430-0420
3630 N Detroit Ave, Tulsa, OK 74106
36.2070, -95.9918
Home constructed in 1970

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

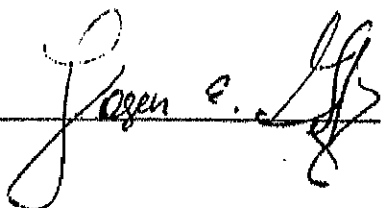
Laboratory:

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 June 2, 2022, no dust-lead hazards, as defined by federal standards were found.

Signature: _____



Date: 6.8.22

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Completion Date: June 1, 2022 @ 7:45 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 Ext Side A Garage Door Casing
Exterior	Replace Ext Soffit Side A,B,C&D
Exterior	Replaced Ext Fascia Side A,B,C&D
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 Sides A, B & C	No	No	No		Pass
Exterior Garage	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	Porch A Side	Floor (conc.)	12 x 12	<5	Pass
02	Side Porch B Side	Floor (conc.)	12x12	<5	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors $10\mu\text{g}/\text{ft}^2$, Interior window sill $100\mu\text{g}/\text{ft}^2$, Window trough: $100\mu\text{g}/\text{ft}^2$

SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	$\mu\text{g}/\text{g}$	Pass/Fail
03	Composite	Bare	<40	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: 347181
Date Received: 06/06/22
Received By: Courtney Holman
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 06/07/22
AIHA LAP, LLC: 101352

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

Acct. No.: C162
Project: Curtis Ball
Location: Tulsa
Project No.: 271953

QuantEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	<5.0	5	ug/sq. Ft.	06/07/22 14:33	NIOSH 7082
002	02	Wipe	Lead	<5.0	5	ug/sq. Ft.	06/07/22 14:33	NIOSH 7082
003	03	Soil	Lead	<40	40	mg/kg	06/07/22 14:33	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: 20094
Test: Lead

Date: 6/6/2022
Matrix: Soil

Lab Number: 347181
Approved By: Cherry Rossen
Date Approved: 6/6/2022

Notes: The RPD between sample duplicates exceeded the method or laboratory control limit.

Blank Data:

Type of Blank	Blank Value
PCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	2.2	2.7	2.8
PCV	2.2	2.5	2.8
RLVS	0.08	0.18	0.24
ICV	0.9	1.1	1.1

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
347068-011	0.343	0.273	22.6

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S1	0.000	2.428	2.576	106.1	2.463	101.4	4.5
347068-011	0.343	2.000	2.342	99.9			

Authorized Signature: _____

Cherry Rossen

Cherry Rossen, Technical Manager

Supplemental Report QAQC Results

QA ID: 20099
Test: Lead

Date: 6/7/2022
Matrix: Wipe

Lab Number: 347181
Approved By: Cherry Rossen
Date Approved: 6/7/2022

Notes:

Blank Data:

Type of Blank	Blank Value
PCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	2.2	2.3	2.8
PCV	2.2	2.3	2.8
RLVS	0.05	0.09	0.15
ICV	0.9	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	2.461	101.4	2.253	92.8	8.8

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

For Lab Use Only
 Lab No. **347181**
 Accept Reject

Report Results (one box)
 QuantEM Website
 Email logan_girty@cherokee.org
 Other

Project Information
 Project Name: Curtis Ball
 Project Location: Tulsa
 Project ID: _____
 P.O. Number: 271953

Contact Information
 Company: Cherokee Nation Environmental Programs Phone: (918) 453-5000
 Contact: Logan Girty Cell Phone: (918) 772-8346
 Account #: C 162 Email: logan_girty@cherokee.org
 SAMPLED BY: Name: Logan Girty Date: 06/02/2022

RELINQUISHED BY: [Signature] DATE & TIME: 6/2/2022 4:30 PM VIA: FedEx RECEIVED BY: [Signature] DATE & TIME: 6/6/22 @ 9:15

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	Paint Chips		
				wt%	ppm	mg/cm ²		
1	01	A Side Porch Floor (conc)	144 sq in				TCLP - Pb	Same Day
2	02	B Side Porch Floor (conc)	144 sq in				TCLP - RCRA 8	24 - Hour
3	03	Composite Soil					Air (µg/m ³)	3 - Day
4							Wipes (µg/ft ²)	5 - Day
5							Soil (mg/kg)	
6							Bulk (mg/kg)	
7							RCRA 8	
8							Other	
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