

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

PARTICIPANT #11205

PREPARED BY: LOGAN GIRTY, ENVIRONMENTAL SPECIALIST I

REQUESTED BY: HACN HOUSING REHABILITATION – GEORGE HUBBARD

GENERAL INFORMATION

Date of Clearance Inspection: September 12, 2019

Participant Name:

918-775-2929
108399 S 4673 Rd, Sallisaw, OK 74955
35.440304 N°, -94.700643 W°
Home constructed in 1967

Clearance Examiner:

Logan Girty, Environmental Specialist I
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

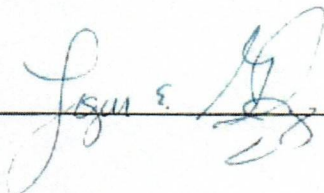
Laboratory:

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 12, 2019, no dust-lead hazards, as defined by federal standards were found.

Signature: _____



Date: _____

9/25/2019

SUMMARY OF HAZARD REDUCTION ACTIVITIES

Completion Date: September 11, 2019 @ 1:30 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	Enclosed Home with Vinyl Siding
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
Window Sills & Troughs	No	No	No		Pass
Porch Floors	No	No	No		Pass
Entry (Foyer)	No	No	No		Pass
Soil	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	Entry (Foyer)	Floor	12x12	12.4	Pass
02	Bedroom 3	Window Sill	2x18	5.48	Pass
03	Living Room	Window Trough	1.5x20.75	224	Pass
04	A Side Porch	Floor (Conc)	12x12	8	Pass

HUD/EPA Clearance Standards for Lead in Dust: Floors $40\mu\text{g} / \text{ft}^2$, Interior window sill $250\mu\text{g} / \text{ft}^2$, Window trough: $400\mu\text{g} / \text{ft}^2$

SOIL LEAD HAZARD CLEARANCE EXAMINATION:

Sample #	Location	Bare or Covered	mg/l	Pass/Fail
05	Composite Soil	Bare	.407	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: 314565
Date Received: 09/16/19
Received By: Gayle Ooten
Date Sampled:
Time Sampled:
Analyst:
Date of Report: 09/25/19
 AIHA-LAP, LLC: 101352

Client: Cherokee Nation Environmental Programs
 Logan Girty
 PO Box 948
 Tahlequah, OK 74464
Acct. No.: C162
Project: 1
Location: Sallisaw
Project No.: N/A

Quantem ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	01	Wipe	Lead	12.4	10	ug/sq. Ft.	09/20/19 0:00	EPA 6010C
002	02	Wipe	Lead	5.48	10	ug/sq. Ft.	09/20/19 0:00	EPA 6010C
003	03	Wipe	Lead	224	10	ug/sq. Ft.	09/20/19 0:00	EPA 6010C
004	04	Wipe	Lead	8	10	ug/sq. Ft.	09/20/19 0:00	EPA 6010C
005	05	Soil	Lead	0.407	0.0100	mg/l	09/19/19 0:00	EPA 6010C

Analysis performed by ETI in Oklahoma City, OK (NELAP Lab No.10002 / ODEQ Lab No. 2018-167).
 Reporting Limits = to their PQL
 Report reissued to reflect Cal Error from ETI on 09/24/2019 Chanell Alaniz @1:30 09/25/2019

Authorized Signature: _____

Chanell Alaniz, Chemist

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

Environmental Chemistry Supplemental QC/QA Report

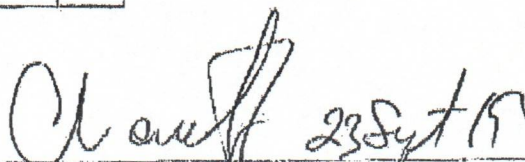
QuanTEM Lab: 314500, 613, 565
 Date Received: 09/23/2019
 Received by: Chanell Alaniz (Chemist)

Date of Report: 09/24/2019
 AIHA Lab ID: 101352

Analyst	Batch #	Method	Matrix	Date Approved	QA ID
LSB	E910372	EPA 6010C 2007	Wipes	24Jun19	n/a

Standards Data	Low Limit	Obtained	High Limit
RLVS	0.05	0.1	0.15
MS-w	1.5	2.21	2.3
MSD-W	1.5	1.90	2.3
Blank		0.0	

Recovery Data	Spike Level	Result+Spike	%Recovery	Dup.Result +Spike	%Dup. Recovery	%Spk ±RPD
MS-W	2.431	2.210	90.9	1.900	78.2	15.1


 Chanell Alaniz Chemist

Environmental Chemistry Supplemental QC/QA Report

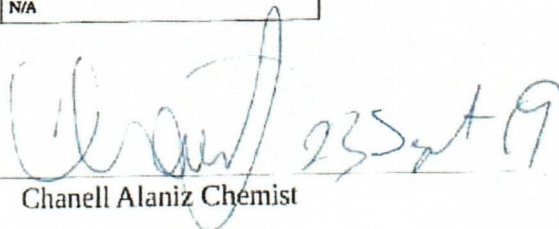
QuanTEM Lab: 314565
Date Received: 09/20/2019
Received by: Chanell Alaniz (Chemist)

Date of Report: 09/23/2019
AIHA Lab ID: 101352

<u>Analyst</u>	<u>Batch #</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Approved</u>	<u>QA ID</u>
LSB	E910384	EPA 6010C 2007	Bulk	23Jun19	N/A

<u>Standards Data</u>	<u>Low Limit</u>	<u>Obtained</u>	<u>High Limit</u>
RLVS-B	0.08	0.2	0.24
LCS-B	1.94	2.55	2.91
LCSD-B	1.94	3.0	2.91
MB-B		<0.0100	

<u>Recovery Data Run</u>	<u>Spike level</u>	<u>Duplicate Sample & % Recovery (DUP)</u>	<u>Matrix Spike (MS)</u>
Matrix Spike	N/A	N/A	N/A


Chanell Alaniz Chemist



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

Contact Information

Company: Cherokee Nation Environmental Programs
 Contact: Logan Girty
 Account #: C 162
 Sampled By: Name: Logan Girty

Project Information

Phone: (918) 453-6140
 Cell Phone: (918) 772-8346
 E-mail: logan-girty@cherokee.org
 Date: 09/12/2019

Report Results (☑ one box)

Project Name: _____
 Project Location: Sallisaw
 Project ID: _____
 P.O. Number: 225542

For Lab Use Only
 Lab No. 34565
 Accept Reject

RELINQUISHED BY: *Logan Girty* DATE & TIME: 9/12/2019 2:30 PM VIA: FedEx RECEIVED BY: *[Signature]* DATE & TIME: 9/17/19 9:50 AM

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis					Sample Matrix Codes	
						Pb	PPM	Wt %	mg / l	μg / ft ²		μg / m ³
1	01	Entry Floor		144 sq in	C	✓					✓	A
2	02	Bedroom 3 Window Sill		36 sq in	C	✓					✓	B
3	03	Living Room Window Trough		31.125 sq in	C	✓					✓	C
4	04	A Side Porch Floor		144 sq in	C	✓					✓	D
5	05	Composite Soil			A	✓	✓					E
6												
7												
8												
9												
10												
11												
12												

TURNAROUND TIME	
Same Day	<input type="checkbox"/>
24 - Hour	<input checked="" type="checkbox"/>
3 - Day	<input type="checkbox"/>
5 - Day	<input type="checkbox"/>

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