

Lead-Based Paint Risk Assessment Report

For the Dwelling Located at:

Larry Joe Vann
6603 E. Reading St.
Tulsa, OK 74115
36.179973 N, 95.902929 W
Built in: 1948

Prepared For:

Cherokee Nation Housing Rehabilitation
Using ODEQ, EPA and CN Work Practice Standards
Established in 40 CFR 745-227

Lab Analysis by Quantem Laboratories
AIHA-ELLAP 101352
2033 Heritage Park Dr.
Oklahoma City, OK
(405) 775-7272

By:

C. Nick Clark, Certified Risk Assessor
P.O. Box 948
Tahlequah, OK 74465
(918) 316-7451
Viken Pb200i
SN: 2312

Signature: C. Nick Clark

Date: 4-18-22

OK Firm No.: OKFIRM11198
CN Firm No.: CNFIRM00001

OK License No.: OKRASR13910
CN License No.: CNRASR00036

Part IV: Appendix

Part I: Identifying Information

Larry Joe Vann
6603 E. Reading St.
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36.179973 N, 95.902929 W
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Part II: Results

List of location and type of identified lead hazards:

Deteriorated Lead-Based Paint (Hazards):

Read	Concentr	Units	3 SD	Result	Nom Secs	Date	Time	Room	-->RoomCho	Structure	-->Membe	Substrate	Wall	Cond
54	1.8	mg/cm2	0.2	Positive	2	4/4/2022	15:54:14	Exterior	House	Room	Wall	Concrete	D	Peeling
56	1.5	mg/cm2	0.3	Positive	2	4/4/2022	15:57:24	Exterior	House	Room	Wall	Concrete	C	Peeling
57	2	mg/cm2	0.3	Positive	2	4/4/2022	15:58:20	Exterior	House	Porch	Ceiling	Wood	C	Peeling

Lead in Dust Hazards:

- Kitchen WT
- Living Room WS
- Bedroom 2 WS

Lead in Soil Hazards:

- No Hazards Exist

A few other painted surfaces that have not been tested for lead are in "poor" condition and should be repainted within the next year before further deterioration occurs. However, these surfaces are not considered to be immediate "hazards," using criteria in the 2012 *HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. Those surfaces are:

NA

There has not been any previous lead-based paint testing at this dwelling, although a lead-based paint inspection of all painted surfaces is recommended so that potential lead problems can be monitored before they become hazardous.

Soil lead levels were all below 400 ug/g. Current EPA and HUD Guidance for soil is 400ug/g for bare play areas and 1,200 ug/g for other areas. Using these criteria, soil is not a hazard at this property.

The owner has decided to select the following hazard control measures, which are all acceptable based on HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*:

Reevaluation: Standard Reevaluation Schedule 3 contained in the HUD Guidelines does apply to this property, since one of the rooms had a dust lead level greater than the standard. Therefore, the dwelling should be reevaluated in 4/4/2023 (12 months from now). If no lead-based paint hazards are identified at this time, no further reevaluations are needed. However, since lead-based paint may be present in the dwelling, the

Building Condition Form

CONDITION	YES	NO
Roof Missing Parts of Surfaces (tiles, boards, etc.)	X	
Roof Has Holes or Large Cracks	X	
Gutter or Downspouts Broken		X
Chimney Masonry cracked, bricks loose or missing, obviously out of plumb		X
Exterior or interior walls have obvious large cracks or holes, requiring more than routine painting		X
Exterior siding has missing boards or shingles		X
Water stains on interior walls or ceilings		X
Plaster walls deteriorated		X
Two or more windows or doors broken, missing, or boarded up		X
Porch or steps have major elements broken, missing, or boarded up		X
Foundation has major cracks, missing material, structural leans, or visibly unsound		X
Total	2	9

If the "Yes" column has 2 or more checks, the dwelling is considered to be in poor condition for the purposes of a risk assessment. However, specific conditions and extenuating circumstances should be considered before determining final condition of the building and the appropriateness of a lead hazard screen.

Notes:

Overall, the home is in good condition.

- 8. Dwelling Selection Process N/A
- 9. Analysis of Previous XRF Testing Report N/A

Field Sampling Form for Deteriorated Paint

Name of Risk Assessor Nick Clark

Name of Property Owner Larry Joe Vann

Property Address 6603 E Reading St. Tulsa, OK 74115

Sampling Protocol Single Family

Target Dwelling Criteria (Check All That Apply)

¹ Measure to the nearest 1/16 inch

Total Number of Samples This Page 7

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Date of Sample Collection 4/4/2022 Date shipped to lab 4/4/2022

Shipped by C Nick Clark Received by EMSL Analytical Staff C. Nick Clark
(signature) (signature)

HUD Standards: 10 ug/ft² (floors), 100 ug/ft² (interior window sills), 100 ug/ft² (window troughs)

Field Sampling Form For Soil

(Composite Sampling Only)

Name of Risk Assessor C. Nick Clark

Name of Property Owner Larry Joe Vann

Property Address 6603 E. Reading St. Tulsa, OK 74115

SAMPLE NO.	LOCATION	BARE OR COVERED	LAB RESULTS ug/g
08	Drip Line	Bare	870

Collect only the 1/2" of soil

Total Number of Samples This Page 1

Page 1 of 1

Date of Sample Collection 4/4/2022 Date Shipped to lab 4/5/2022

Shipped by C. Nick Clark Received by EMSL Analytical C. Nick Clark
(signature) (signature)

13. Other Sampling Results N/A

Baluster repair (metal)		√
Demolition		√

- **High-risk jobs typically disturb more than 2 square feet per room. If these jobs disturb less than 2 square feet, then they can be considered low-risk jobs.**

Table 17.2

	Low Risk	High Risk
Worksite preparation with plastic sheeting (6 mil thick)	Plastic sheet no less than 5 feet immediately underneath work area	Whole floor, plus simple airlock at door or tape door shut
Children kept out of work area	Yes	Yes
Resident relocation during work	No	Yes
Respirators	Probably not necessary*	Recommended
Protective clothing Note: Protective shoe coverings are not to be worn on ladders, scaffolds, etc.	Probably not necessary*	Recommended
Personal hygiene (enforced hand washing after job)	Required	Required
Showers	Probably not necessary	Recommended
Work practices	Use wet methods, except near electrical circuits	Use wet methods, except near electrical circuits
Cleaning	Wet cleaning with lead-specific detergent trisodium phosphate or other suitable detergent around the work area only (2 linear feet beyond plastic)	HEPA vacuum/wet wash/HEPA vacuum the entire work area
Clearance	Visual examination only	Dust sampling during the preliminary phase of the maintenance program and periodically thereafter (not required for every job)

- **Employers must have objective data showing that worker exposures are less than the OSHA Permissible Exposure Limit of 50ug/m³ if respirators and protective clothing will not be provided.**

19. Reevaluation and Monitoring Schedule

Each of these treatments will need to be reexamined periodically to make certain that they remain effective and to ensure that new lead-based paint hazards do not appear. The interim controls shown above are less expensive initially, but they may be more expensive in the long run since they need to be reevaluated more frequently. The replacement and paint removal methods are more expensive initially, but do not require any reevaluation.

The owner should monitor the condition of the paint at least annually or if there is some indication that paint might be failing. A professional reevaluation is also needed. The standard schedule for reevaluation the dwelling is shown above.

Reevaluation: Standard Reevaluation Schedule 3 contained in the HUD Guidelines applies to this property, since one of the rooms had a dust lead level greater than the standard. Therefore, the dwelling should be reevaluated in 4/4/2023 (12 months from now). If no lead-based paint hazards are identified at that time, another reevaluation should be conducted in 4/4/2024 (2 years later). If no lead-based paint hazards are identified at that time, no further reevaluations are needed. However, since lead-based paint may be present in the dwelling, the owner should monitor the condition of all painted surfaces at least annually or whenever other information indicates a potential problem.

Certificate of Lead-Based Paint Compliance

I hereby certify that on _____ the dwelling located
at _____ meets the criteria established by the
Department of Housing and Urban Development for lead safety. Either no lead-based paint
hazards were identified or all lead-based paint hazards have been corrected.

Owner

C. Nick Clark

Authorized Inspector

Risk Assessor License # OKRASR13910

Expiration Date: March 31, 2023

**Cherokee Nation
Environmental Programs**

Supplemental Report QAQC Results

QA ID: 19996

Test: Lead

Date: 4/12/2022

Matrix: Soil

Lab Number: 345325

Approved By: Cherry Rossen

Date Approved: 4/12/2022

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	2.6	2.8
FCV	2.2	2.7	2.8
RLVS	0.08	0.2	0.24
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
LCS-S1	0.000	2.428	2.671	110.0	2.544	104.8	4.9
345250-007	0.105	2.000	2.270	108.3			

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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Contact Information Company: Cherokee Nation Environmental Programs Contact: C. Nicolas Clark Account #: C162 SAMPLED BY: Name: C. Nicolas Clark E-mail: carlton-clark@cherokee.org Date: 04/04/2022		Project Information Project Name: Larry Joe Vann Project Location: Tulsa Project ID: P.O. Number: 271953	
Phone: (918) 453-5000 Cell Phone: (918) 316-7451		Report Results (one box) <input type="radio"/> QuantEM Website <input checked="" type="radio"/> Email carlton-clark@cherokee.org <input type="radio"/> Other	
RELINQUISHED BY: <i>C. Nicolas Clark</i>		RECEIVED BY: <i>[Signature]</i>	
DATE & TIME: 04/04/22 5pm		DATE & TIME: 4/11/22 8:00	
VIA: Fed Ex			

For Lab Use Only
 Lab No. 345325
 Accept
 Reject

REQUESTED SERVICES (Please check 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	Kitchen Floor	144 sq in					Same Day
2	02	Kitchen WS	102.50 sq in					24 - Hour
3	03	Kitchen WT	123 sq in					3 - Day
4	04	Living Room Floor	144 sq in					5 - Day
5	05	Living Room WS	46.25 sq in					
6	06	Hall Floor	144 sq in					
7	07	Bedroom 2 WS	49.50 sq in					
8	08	Soil						
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 Pick
 Please Note - UPS and USPS are NOT available for Saturday Delivery