

# Lead-Based Paint Risk Assessment Report

For the Dwelling Located at:

Harold Christian  
323 South Cedar St.  
Vinita, OK 74301  
36.794379 N, 95.357611 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  
Heuresis Pb200i  
SN: 2312

Signature: *C. Nick Clark*

Date: 11-16-21

OK Firm No.: OKFIRM11198

OK License No.: OKRASR13910

CN Firm No.: CNFIRM00001

CN License No.: CNRASR00036

## Table of Contents

### Part I: Identifying Information

Identity of dwelling(s) covered by report, identity of property(ies).

1. Risk Assessor, Name of Certificate (or License) and Number and State issuing certificate/license.
2. Property Owner Name, Address, and Phone Number.
3. Date of Report, Date of Environmental Sampling.

### Part II: Completed Management, Maintenance, and Environmental Results Forms and Analyses

4. List of Location and Type of Identified Lead Hazards including and indication of which hazards are priorities (this summary should be suitable for use as notification to residents).
5. Optional Management Information (Form 5.6) (not required if all dwellings were sampled).
6. Maintenance/Paint Condition Information (Form 5.2 or 5.7)
7. Building Condition (Form 5.1)
8. Brief Narrative Description of Dwelling Selection Process (not required if all dwellings were sampled).
9. Analysis of Previous XRF Testing Report (if applicable).
10. Deteriorated Paint Sampling Results (Form 5.3 or 5.3a)
11. Dust Sampling Results (Form 5.4 or 5.4a)
12. Soil Sampling Results (Form 5.5)
13. Other Sampling Results (if applicable)

### Part III: Lead Hazard Control Plan

14. Lead-Based Paint Policy Statement (not applicable for homeowners).
15. Name of individual in Charge of Lead-Based Paint Hazard Control Program.
16. Recommended Changes to Work Order System and Property Management (optional, not applicable for homeowners or property owner without work order systems).
17. Acceptable Interim Control Options for This Property and Estimated Costs.
18. Acceptable Abatement Options for This Property.
19. Reevaluation Schedule (if applicable).
20. Interim Control/Abatement to Be Implemented in This Property.
21. A Training Plan for Managers, Maintenance Supervisors, and Workers (this should include named individuals), if applicable.
22. Method of Resident Notification of Results of Risk Assessment and Lead Hazard Control Program (not applicable for homeowners). Note: This section should include a discussion of how residents are to be educated about lead poisoning, *before* the risk assessment results are released.
23. Signature (Risk Assessor) and Date.
24. All laboratory raw data.

## Part IV: Appendix

### Part I: Identifying Information

Harold Christian  
323 S Cedar St. Vinita, Ok 74301  
918-244-0443  
36.794379 N, -95.357611 W  
Built in: 1948

### Part II: Results

List of location and type of identified lead hazards:

#### **Deteriorated Lead-Based Paint (Hazards):**

Read/Conc	Units	3SD	Result	Nom S Date	Time	Room	-->Room Cho	Structure	-->Membr	Substrate	Wall	Cond
0.00	ug/lb	0.00	0.00	11/3/2021	10:26:32	House	Bedroom	Door	Paint	Wood	Interior	Good
0.00	ug/lb	0.00	0.00	11/3/2021	10:51:00	Exterior	House	Fence	Paint	Concrete	Exterior	Good
0.00	ug/lb	0.00	0.00	11/3/2021	10:51:26	Exterior	House	Hand	Paint	Concrete	Exterior	Good
0.00	ug/lb	0.00	0.00	11/3/2021	10:52:00	Exterior	House	Hand	Paint	Concrete	Exterior	Good

#### **Lead in Dust Hazards:**

- Kitchen WT
- Dining Room WT

#### **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 NA (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 owner should monitor the condition of all painted surfaces at least annually or whenever other information indicates a potential problem.

### Resident Questionnaire

**Children/Children's Habits**

1. (a) Do you have any children that live in your home? Yes \_\_\_ No X \_\_\_
- (b) If yes, how many? \_\_\_ Ages? \_\_\_
- (c) Record blood lead levels, if known \_\_\_

IF NO CHILDREN, SKIP TO Q.5

2. Locate the rooms/areas where each child sleeps, eats, and plays.

Name of Child	Location of Bedroom	Location of All Rooms Where Child Eats	Primary Location Where Child Plays <u>Indoors</u>	Primary Location Where Child Plays <u>Outdoors</u>

3. Where are toys stored/kept? \_\_\_
4. Is there any visible evidence of chewed or peeling paint on the wood work, furniture, or toys?  
Yes \_\_\_ No \_\_\_

**Family Use Patterns**

5. Which entrances are used most frequently? \_\_\_ A entrance \_\_\_
6. Which windows are opened most frequently? \_\_\_ none \_\_\_
7. Do you use window air conditioners? If yes, where? \_\_\_ No X \_\_\_  
*(Condensation often causes paint deterioration)*
8. (a) Do any household member engage in gardening? Yes \_\_\_ No X \_\_\_  
(b) Record the location of any vegetable garden. \_\_\_  
(c) Are you planning any landscaping activities that will remove grass or ground covering?  
Yes \_\_\_ No X \_\_\_
9. (a) How often is the household cleaned? \_\_\_ weekly \_\_\_  
(b) What cleaning methods do you use? \_\_\_ soap/water \_\_\_
10. (a) Did you recently complete any building renovations? Yes \_\_\_ No x \_\_\_  
(b) If yes, where? \_\_\_  
(c) Was building debris stored in the yard? If yes, where? \_\_\_

11. Are you planning any building renovations? Where? Exterior and interior
12. (a) Do any household members work in a lead-related industry? Yes \_\_\_ No X
- (b) If yes, where are dirty work clothes placed and cleaned? \_\_\_\_\_

### 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 poor 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 Harold Christian

Property Address \_\_\_\_\_

Sampling Protocol Single Family

Target Dwelling Criteria (Check All That Apply)

- Code Violations
- Judged to be in Poor Condition
- Presence of two or More Children between Ages of 6 Months and 6 Years
- Serves as Day-Care Facility
- Recently Prepared for Reoccupancy
- Random Sampling **XRF SN 2312**
- None of the above

Read	Conc	Units	3SD	Result	Nom S	Date	Time	Room	-->RoomCho	Structure	-->Memb	Substrate	Wall	Cond
31	6	mg/cm2	0.1	Positive	1	11/3/2021	10:26:32	House	Bedroom 2	Door	Paint	Wood	C1	Intact
88	15.9	mg/cm2	0.2	Positive	1	11/3/2021	10:50:09	Exterior	House	Porch	Paint	Wood	R8	Intact
89	1	mg/cm2	0.1	Positive	1	11/3/2021	10:51:26	Exterior	House	Front	Paint	Wood	R1	Intact
99	1.2	mg/cm2	0.1	Positive	1	11/3/2021	10:52:00	Exterior	House	Driv	Paint	Wood	R1	Intact

Sample all layers of paint, not just deteriorated paint layers

Total Number of Samples This Page 4

Page 1 of 1

Date of Sample Collection 11/3/2021

## Field Sampling

### Form for Dust

Sample Number	Room (Record Name of Room Used by the Owner or Resident)	Surface Type	Is Surface Smooth and Cleanable?	Dimension <sup>1</sup> of Sample Area (inches x inches)	Area (in <sup>2</sup> )	Result of Lab Analysis (ug/ft <sup>2</sup> )
01	Kitchen	Floor	Yes	12x12	144	<5.0
02	Kitchen	WS	Yes	3 x 19	57	<12
03	Kitchen	WT	Yes	1.25 x 17	21.25	160 ←
04	Hallway	Floor	Yes	12x12	144	<5.0
05	Bath 2	WS	Yes	2.75 x 25	27.75	<26
06	Bath 2	WT	Yes	1.25 x 25	31.25	<23
07	Dining Room	Floor	Yes	12 x 12	144	7.3
08	Dining Room	WS	Yes	3 x 38	27.75	<6.3
09	Dining Room	WT	Yes	2 x 37	74	190 —
10	Concrete Porch	Floor	Yes	12 x 12	144	11

<sup>1</sup> Measure to the nearest 1/16 inch

Total Number of Samples This Page 1

Page 1 of 1

Date of Sample Collection 11/3/2021 Date shipped to lab 11/3/2021

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

HUD Standards: 10 ug/ft<sup>2</sup> (floors), 100 ug/ft<sup>2</sup> (interior window sills), 100 ug/ft<sup>2</sup> (window troughs)

# Field Sampling Form For Soil

(Composite Sampling Only)

Name of Risk Assessor C. Nick Clark

Name of Property Owner Harold Christian

Property Address 323 S Cedar St. Vinita, OK 74301

SAMPLE NO.	LOCATION	BARE OR COVERED	LAB RESULTS ug/g
11	Drip Line	Bare	93

Collect only the 1/2" of soil

Total Number of Samples This Page 1

Page 1 of 1

Date of Sample Collection 11/3/2021 Date Shipped to lab 11/3/2021

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

13. Other Sampling Results N/A



**Part III: Lead Hazard Control Options**

14. Lead-Based Paint Policy Statement

**On file CNEP and Cherokee Nation Housing Rehab**

15. Name of Individual in Charge of Lead-Based Paint Hazard Control Program:

Cherokee Nation Housing Rehab - George Hubbard; 918-456-5482 ext. 1263

16. Recommended Changes to Work Order System and Property Management

The existing work order system is an informal verbal one. If painted surfaces will be disturbed during a particular repair job, the painted surface should be tested to determine if it has lead-based paint on it. If it does (or if testing is not completed), the maintenance worker should take the necessary precautions by wetting down the surface and performing cleanup. If the surface area is large or if the work will generate a significant amount of dust, clearance testing should be completed before residents move back into the room. The table below can be used as a general guide in determining whether maintenance jobs are likely to be high risk or low risk.

When work is assigned, the owner or worker should determine whether the job is low or high risk and adopt protective measures as needed.

**Table 17.1 (Taken from HUD Guidelines)  
Summary of Low-and High-Risk Job Designations for Surfaces Known or Suspected to Have Lead-Based Paint**

<b>Job Description</b>	<b>Low Risk</b>	<b>High Risk</b>
Repainting (includes surface Preparation)		√
Plastering or wall repair		√
Window repair		√
Water or moisture damage repair (repainting and plumbing)		√
Door repair	√	
Building component replacement		√
Welding on Painted Surfaces		√
Door lock repair or replacement	√	
Electrical fixture repair	√	
Floor refinishing		√
Carpet replacement		√

Groundskeeping	√	
Radiator leak repair	√	
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**

	<b>Low Risk</b>	<b>High Risk</b>
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/m<sup>3</sup> if respirators and protective clothing will not be provided.

**17. Interim Control Options and Estimated Costs**

The costs shown below include labor, materials, worker protection, site containment and cleanup. These are only very rough estimates that may not be accurate; a precise estimate should be obtained from a certified lead-based paint abatement contractor. I would be pleased to perform clearance testing after this work has been completed at your request.

Lead-Based Paint Hazards:

Hazards –

Read/Conc	Units	3 SD	Result	Nom S	Date	Time	Room	-->RoomCho	Structure	-->Membr	Substrate	Wall	Cond
1			Positive	2	11/3/2021	10:26:32	House	Bedroom 2	Door	Jamb	Wood	Interior	1
2			Negative	2	11/3/2021	10:51:09	Exterior	House	Porch	Ceiling	Wood	Exterior	1
3			Negative	5	11/3/2021	10:53:26	Exterior	House	Porch	Header	Wood	Exterior	1
4			Positive	5	11/3/2021	10:53:00	Exterior	House	Soffit	Wood	Wood	Exterior	1

Bedroom 2 C side Door Jamb, A side Porch ceiling and header, B side soffit - Wet scrape and Repaint

Lead Dust Hazards:

- Hazard A. Kitchen WT
- Hazard B. Dining Room WT

HEPA Vacuum/Wet Mop/HEPA Vacuum

Lead Soil Hazards:

Hazard A. Dripline – No Hazards Exist

**18. Acceptable Abatement Options**

Lead-Based Paint Hazards

- Hazard A: Bedroom 2 C side door jamb Remove and Replace
- Hazard B: A side porch ceiling Enclose/Encapsulate/Remove and Replace
- Hazard C: A side Porch Header Enclose/Encapsulate/Remove and Replace
- Hazard D: B side Soffit Enclose/Encapsulate/Remove & Replace

Lead Dust Hazards:

- Hazard A. Kitchen WT
- Hazard B. Dining Room WT

HEPA Vacuum/Wet Mop/HEPA Vacuum  
HEPA Vacuum/Wet Mop/HEPA Vacuum

Lead Soil Hazards:

Hazard A. Dripline – No Hazards Exist

## 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 11/3/2022 (12 months from now). If no lead-based paint hazards are identified at that time, another reevaluation should be conducted in 11/3/2023 (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.

**Part IV: Site Specific Lead Hazard Control Plan**

- 20. Lead Hazard Control Option To Be Implemented in This Property  
**I recommend abatement options for all hazards listed in Part 3, Section 18 of this document.**
  
- 21. Training Plan for Managers, Maintenance Supervisors and Workers  
**On file Cherokee Nation Housing Rehab**
  
- 22. Method of Resident Notification of Results of Risk Assessment and Lead Hazard Control Program  
**In person by Cherokee Nation Housing Rehab**
  
- 23. Signatures (Risk Assessor and Owner), Date and Certificate of Lead-Based Paint Compliance

\_\_\_\_\_  
Owner Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Certified Risk Assessor Signature

\_\_\_\_\_  
Date



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

<b>QuanTEM Set ID:</b> 341008	<b>Client:</b> Cherokee Nation Environmental Programs
<b>Date Received:</b> 11/09/21	Carlton N Clark
<b>Received By:</b> Cyonne Harrod	PO Box 948
<b>Date Sampled:</b>	Tahlequah, OK 74464
<b>Time Sampled:</b>	<b>Acct. No.:</b> C162
<b>Analyst:</b> CR	<b>Project:</b> Harold Christian
<b>Date of Report:</b> 11/11/21	<b>Location:</b> Vinita
<b>AIHA LAP, LLC:</b> 101352	<b>Project No.:</b> 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.	11/11/21 16:04	NIOSH 7082
002	02	Wipe	Lead	<12	12	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
003	03	Wipe	Lead	160	33	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
004	04	Wipe	Lead	<5.0	5	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
005	05	Wipe	Lead	<26	26	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
006	06	Wipe	Lead	<23	23	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
007	07	Wipe	Lead	7.3	5	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
008	08	Wipe	Lead	<6.3	6.3	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
009	09	Wipe	Lead	190	9.8	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
010	10	Wipe	Lead	11	5	ug/sq. Ft.	11/11/21 16:04	NIOSH 7082
011	11	Soil	Lead	93	40	mg/kg	11/11/21 16:04	Soil EPA 7000B (1)

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



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

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<b>Analyst:</b> CR	<b>Project:</b> Harold Christian
<b>Date of Report:</b> 11/11/21	<b>Location:</b> Vinita
<b>AIHA LAP, LLC:</b> 101352	<b>Project No.:</b> N/A

QuantEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
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Authorized Signature: \_\_\_\_\_

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

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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: 19763

Test: Lead

Date: 11/11/2021

Matrix: Soil

Lab Number: 341008

Approved By: Cherry Rossen

Date Approved: 11/11/2021

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	2.4	2.8
FCV	2.2	2.3	2.8
ICV	0.9	1.1	1.1
RLVS	0.08	0.16	0.24

### 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	2.583	106.4	2.524	103.9	2.3
341008-011	0.370	2.000	2.210	92.0			

Authorized Signature: \_\_\_\_\_

*Cherry Rossen*

Cherry Rossen, Technical Manager



## Supplemental Report QAQC Results

QA ID: 19764  
Test: Lead

Date: 11/11/2021  
Matrix: Wipe

Lab Number: 341008  
Approved By: Cherry Rossen  
Date Approved: 11/11/2021

**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	2.4	2.8
FCV	2.2	2.3	2.8
ICV	0.9	1.1	1.1
RLVS	0.05	0.11	0.15

**Duplicate Data:**

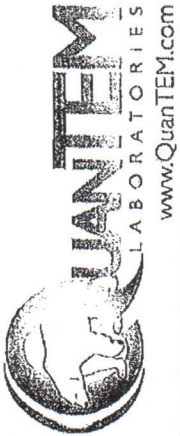
**Recovery Data:**

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
341008-001	0.000	2.000	2.207	110.4			
MS-WI	0.000	2.428	2.637	108.6	2.806	115.6	6.2

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

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

<b>Contact Information</b> Company: Cherokee Nation Environmental Programs Contact: C. Nicolas Clark Account #: C162 Phone: (918) 453-5000 Cell Phone: (918) 316-7451 E-mail: carlton-clark@cherokee.org Date: 11/03/2021		<b>Project Information</b> Project Name: Harold Christian Project Location: Vinita Project ID: P.O. Number: 271953	
<b>Report Results</b> (one box) <input type="radio"/> Quantem Website <input checked="" type="radio"/> Email: carlton-clark@cherokee.org <input type="radio"/> Other		For Lab Use Only Lab No. <u>341008</u> <input checked="" type="radio"/> Accept <input type="radio"/> Reject	

<b>RELINQUISHED BY</b> <i>C. Nicolas Clark</i>	<b>RECEIVED BY</b> <i>cam</i>	<b>DATE &amp; TIME</b> 11/4/21 10am	<b>DATE &amp; TIME</b> 11/9/21 11:35
<b>VIA</b> Fed Ex			

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	Air (µg/m <sup>3</sup> )	TCLP - Pb		
1	01	Kitchen Floor	144 sq in	<input type="radio"/> w/6 <input type="radio"/> ppm <input type="radio"/> mg/cm <sup>2</sup>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Same Day
2	02	Kitchen Window Sill	57 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	24 - Hour
3	03	Kitchen WT	21.25 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	3 - Day
4	04	Hallway Floor	144 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5 - Day
5	05	Bath 2 WS	27.75 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	06	Bath 2 WT	31.25 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	07	Dining Room Floor	144 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	08	Dining Room WS	114 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	09	Dining Room WT	74 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	10	Concrete Porch Floor	144 sq in	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	11	Soil		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73195-8517 • Mark Package "Hold for Saturday Pickup"  
 Please Note - UPS and USPS are NOT available for Saturday Delivery