

CHEROKEE NATION
Environmental Programs



Lead-Based Paint Inspection Report

PARTICIPANT: PALMER, AARON

PREPARED BY: JEREMY J. FREISE, ENVIRONMENTAL SPECIALIST I

REQUESTED BY: CHEROKEE NATION HOUSING REHABILITATION (HUD) –
GEORGE HUBBARD

I. GENERAL INFORMATION

DATE OF INSPECTION: December 14, 2011

PARTICIPANT INFO:

Name: Aaron Palmer
Phone Number: (918) 427-1072
Address: 201 N. Main St.
Latitude: N 35.41140
Longitude: W 94.59940
Year of home construction: 1956

EQUIPMENT INFORMATION

X-Ray Fluorescence (XRF) Analyzer
Manufacturer: Niton
Model #: XLP300A
Serial Number: 26524
Radioactive Source: Cadmium 109
Sourced Date: 11/3/2011

INSPECTOR INFORMATION

Jeremy J. Freise, Environmental Specialist I
Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5094
Oklahoma Inspector/Risk Assessor, OKRASR13522
Cherokee Nation Inspector/Risk Assessor, CNRASR00029

Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5000
Oklahoma Firm: OKFIRM11198
Cherokee Nation Firm: CNFIRM00001

This residence has tested positive for lead-based paint. A risk assessment must be completed before any rehab work is started.

Inspector

Signature: _____

Jeremy J. Freise

Date: 12-19-11

2. SUMMARY

A lead based paint inspection was conducted at the **Aaron Palmer** site on **December 14, 2011** as requested by the Cherokee Nation Housing Rehabilitation Department. The inspection **confirmed the presence of lead** in amounts greater than or equal to 1.0 mg/cm² in paint, using the inspection protocol in Chapter 7 of the HUD Guidelines for the Evaluation of Control of Lead-Based Paint Hazards in Housing (1997). The locations that tested positive for lead are shown in Attachment A (Results). Locations that were not tested with XRF and are assumed to be positive are:

- 1) **List rooms or any building component not able to be tested here. Put N/A if everything was sampled. N/A**

DISCLOSURE

A copy of this report or a summary of this report must be provided to new lessees (tenants) and purchasers of the property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the US Environmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards.

PROTOCOL

The testing protocol used to perform this testing is based on the HUD guidelines of 1997 titled: Guidelines for the evaluation of Lead-Based Paint Hazards in Housing.

Perimeter wall sides are identified with the letters A, B, C, and D. Side A for single-family housing is the street address side or the front of the house for rural areas. Side B, C, and D are identified clockwise from side A as one faces the dwelling; thus Wall B is to the left, Wall C is across from Side A, and Side D is to the right of Side A.

Sides in an interior room equivalent follow the overall housing unit side allocation. Therefore when standing in any four sided room facing Side C, the room's Side A will always be to the rear, Side B will be to the left, and Side D will be to the right.

After doing a walk through inspection of the residence to be tested based upon room number, building component types, the residence was tested based upon room number, building component, substrate, and color and condition of painted surfaces. The attached Lead-Based Paint Data Sheet gives the final results as being either positive or negative.

ATTACHMENT A. RESULTS

Reading No	Type	Units	Component	Substrate	Side	Condition	Color	Room	RESULTS	PbC	PbC Error
1	PAINT	mg / cm ^2			CALIBRATE				Positive	1	0.1
2	PAINT	mg / cm ^2			CALIBRATE				Null	1	0.1
3	PAINT	mg / cm ^2			CALIBRATE				Positive	1	0.1
4	PAINT	mg / cm ^2	WALL	DRYWALL	A	INTACT	WHITE	LIVING ROOM	Negative	0	0.02
5	PAINT	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	LIVING ROOM	Negative	0	0.02
6	PAINT	mg / cm ^2	WALL	DRYWALL	C	INTACT	WHITE	LIVING ROOM	Negative	0	0.02
7	PAINT	mg / cm ^2	WALL	DRYWALL	D	INTACT	WHITE	LIVING ROOM	Negative	0	0.02
8	PAINT	mg / cm ^2	CEILING	DRYWALL	UPPER	INTACT	WHITE	LIVING ROOM	Negative	0	0.02
9	PAINT	mg / cm ^2	DOOR	METAL	A	INTACT	BLUE	LIVING ROOM	Negative	0	0.02
10	PAINT	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	BROWN	LIVING ROOM	Negative	0	0.02
11	PAINT	mg / cm ^2	WINDOW SILL	WOOD	A	INTACT	BROWN	LIVING ROOM	Negative	0	0.02
12	PAINT	mg / cm ^2	WALL	DRYWALL	A	INTACT	TAN	BEDROOM	Negative	0	0.02
13	PAINT	mg / cm ^2	WALL	DRYWALL	B	INTACT	TAN	BEDROOM	Negative	0	0.02
14	PAINT	mg / cm ^2	WALL	DRYWALL	C	INTACT	TAN	BEDROOM	Negative	0	0.02
15	PAINT	mg / cm ^2	WALL	DRYWALL	D	INTACT	TAN	BEDROOM	Negative	0	0.02
16	PAINT	mg / cm ^2	CEILING	DRYWALL	UPPER	INTACT	WHITE	BEDROOM	Negative	0	0.02
17	PAINT	mg / cm ^2	DOOR	WOOD	D	INTACT	BROWN	BEDROOM	Negative	0.02	0.02
18	PAINT	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	BROWN	BEDROOM	Negative	0	0.02
19	PAINT	mg / cm ^2	WINDOW	WOOD	A	INTACT	BROWN	BEDROOM	Negative	0	0.02
20	PAINT	mg / cm ^2	WALL	DRYWALL	A	INTACT	GREEN	BEDROOM 2	Negative	0	0.02
21	PAINT	mg / cm ^2	WALL	DRYWALL	B	INTACT	GREEN	BEDROOM 2	Negative	0	0.02
22	PAINT	mg / cm ^2	WALL	DRYWALL	C	INTACT	GREEN	BEDROOM 2	Negative	0	0.02
23	PAINT	mg / cm ^2	WALL	DRYWALL	D	INTACT	GREEN	BEDROOM 2	Negative	0	0.02
24	PAINT	mg / cm ^2	CEILING	DRYWALL	UPPER	INTACT	WHITE	BEDROOM 2	Negative	0	0.02
25	PAINT	mg / cm ^2	DOOR	WOOD	C	INTACT	BROWN	BEDROOM 2	Negative	0.02	0.02
26	PAINT	mg / cm ^2	DOOR CASING	WOOD	C	INTACT	BROWN	BEDROOM 2	Negative	0	0.02
27	PAINT	mg / cm ^2	WINDOW SILL	WOOD	B	INTACT	BROWN	BEDROOM 2	Negative	0	0.02
28	PAINT	mg / cm ^2	WALL	WOOD	A	INTACT	BROWN	STORAGE	Negative	0	0.02
29	PAINT	mg / cm ^2	WALL	WOOD	B	INTACT	BROWN	STORAGE	Negative	0	0.02
30	PAINT	mg / cm ^2	WALL	WOOD	C	INTACT	BROWN	STORAGE	Negative	0	0.02
31	PAINT	mg / cm ^2	WALL	WOOD	D	INTACT	BROWN	STORAGE	Negative	0	0.02
32	PAINT	mg / cm ^2	CEILING	DRYWALL	UPPER	INTACT	WHITE	STORAGE	Negative	0	0.02
33	PAINT	mg / cm ^2	DOOR	WOOD	A	INTACT	BROWN	STORAGE	Negative	0.01	0.02

34	PAINT	mg / cm ^2	DOOR JAMB	WOOD	A	INTACT	BROWN	STORAGE	Negative	0	0.02
35	PAINT	mg / cm ^2	WINDOW SILL	WOOD	B	INTACT	BROWN	STORAGE	Negative	0	0.02
36	PAINT	mg / cm ^2	WALL	DRYWALL	A	POOR	WHITE	KITCHEN	Negative	0	0.02
37	PAINT	mg / cm ^2	WALL	DRYWALL	B	POOR	WHITE	KITCHEN	Negative	0	0.02
38	PAINT	mg / cm ^2	WALL	DRYWALL	C	POOR	WHITE	KITCHEN	Negative	0	0.02
39	PAINT	mg / cm ^2	WALL	DRYWALL	D	POOR	WHITE	KITCHEN	Negative	0.06	0.04
40	PAINT	mg / cm ^2	CEILING	DRYWALL	UPPER	INTACT	WHITE	KITCHEN	Negative	0	0.02
41	PAINT	mg / cm ^2	DOOR	WOOD	B	INTACT	BROWN	KITCHEN	Negative	0.02	0.04
42	PAINT	mg / cm ^2	DOOR CASING	WOOD	B	INTACT	WHITE	KITCHEN	Negative	0.13	0.05
43	PAINT	mg / cm ^2	WINDOW SILL	WOOD	D	INTACT	BROWN	KITCHEN	Negative	0.5	0.2
44	PAINT	mg / cm ^2	CABINET	WOOD	C	INTACT	WHITE	KITCHEN	Negative	0.22	0.08
45	PAINT	mg / cm ^2	CABINET DOOR	WOOD	C	INTACT	WHITE	KITCHEN	Negative	0.4	0.1
46	PAINT	mg / cm ^2	WALL	DRYWALL	A	INTACT	WHITE	DINING ROOM	Negative	0	0.02
47	PAINT	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	DINING ROOM	Negative	0	0.02
48	PAINT	mg / cm ^2	WALL	DRYWALL	C	INTACT	WHITE	DINING ROOM	Negative	0	0.02
49	PAINT	mg / cm ^2	WALL	DRYWALL	D	INTACT	WHITE	DINING ROOM	Negative	0	0.02
50	PAINT	mg / cm ^2	CEILING	DRYWALL	UPPER	INTACT	WHITE	DINING ROOM	Negative	0	0.02
51	PAINT	mg / cm ^2	DOOR	METAL	D	INTACT	BLUE	DINING ROOM	Negative	0	0.02
52	PAINT	mg / cm ^2	DOOR CASING	WOOD	D	INTACT	BROWN	DINING ROOM	Negative	0	0.02
53	PAINT	mg / cm ^2	BASEBOARD	WOOD	A	INTACT	BROWN	DINING ROOM	Negative	0	0.02
54	PAINT	mg / cm ^2	WALL	WOOD	A	INTACT	WHITE	BATHROOM	Null	0.14	0.17
55	PAINT	mg / cm ^2	WALL	WOOD	B	INTACT	WHITE	BATHROOM	Negative	0	0.02
56	PAINT	mg / cm ^2	WALL	WOOD	C	INTACT	WHITE	BATHROOM	Negative	0	0.02
57	PAINT	mg / cm ^2	WALL	WOOD	D	INTACT	WHITE	BATHROOM	Negative	0	0.02
58	PAINT	mg / cm ^2	CEILING	DRYWALL	UPPER	INTACT	BLUE	BATHROOM	Negative	0	0.02
59	PAINT	mg / cm ^2	DOOR	WOOD	A	INTACT	WHITE	BATHROOM	Negative	0.15	0.08
60	PAINT	mg / cm ^2	DOOR CASING	WOOD	A	INTACT	BLUE	BATHROOM	Negative	0	0.02
61	PAINT	mg / cm ^2	CABINET DOOR	WOOD	A	INTACT	BLUE	BATHROOM	Null	0.9	0.1
62	PAINT	mg / cm ^2	CABINET	WOOD	A	INTACT	BLUE	BATHROOM	Null	1	0.2
63	PAINT	mg / cm ^2	DOOR	METAL	A	FAIR	GRAY	OUTSIDE	Negative	0.01	0.02
64	PAINT	mg / cm ^2	DOOR JAMB	WOOD	A	FAIR	WHITE	OUTSIDE	Negative	0	0.02
65	PAINT	mg / cm ^2	PORCH HEADER	WOOD	A	POOR	WHITE	OUTSIDE	Positive	1.7	0.3
66	PAINT	mg / cm ^2	PORCH COLUMN	WOOD	A	POOR	WHITE	OUTSIDE	Negative	0	0.02
67	PAINT	mg / cm ^2	AWNING	METAL	A	POOR	WHITE	OUTSIDE	Negative	0	0.02

68	PAINT	mg / cm ^2	WALL	WOOD	A	POOR	WHITE	OUTSIDE	Positive	4.5	0.6
69	PAINT	mg / cm ^2	FASCIA	WOOD	A	POOR	WHITE	OUTSIDE	Positive	3.8	0.7
70	PAINT	mg / cm ^2	RAFTERS	WOOD	A	POOR	WHITE	OUTSIDE	Positive	1.9	0.4
71	PAINT	mg / cm ^2	GARAGE DOOR	METAL	A	POOR	WHITE	OUTSIDE	Positive	1.9	0.3
72	PAINT	mg / cm ^2	GARAGE DOOR HDR	WOOD	A	POOR	WHITE	OUTSIDE	Positive	1.7	0.5
73	PAINT	mg / cm ^2	CORNERBOARD	WOOD	A	POOR	WHITE	OUTSIDE	Negative	0.7	0.2
74	PAINT	mg / cm ^2	WINDOW APRON	METAL	A	POOR	WHITE	OUTSIDE	Negative	0.6	0.4
75	PAINT	mg / cm ^2	WALL	VINYL	B	POOR	WHITE	OUTSIDE	Negative	0	0.02
76	PAINT	mg / cm ^2	WINDOW APRON	METAL	B	POOR	WHITE	OUTSIDE	Null	1.2	0.4
77	PAINT	mg / cm ^2	GRG WALL	WOOD	B	POOR	WHITE	OUTSIDE	Negative	0	0.02
78	PAINT	mg / cm ^2	GRG DOOR	WOOD	B	POOR	WHITE	OUTSIDE	Positive	1.5	0.3
79	PAINT	mg / cm ^2	GRG DOOR CASING	WOOD	B	POOR	WHITE	OUTSIDE	Positive	2.6	0.5
80	PAINT	mg / cm ^2	WALL	VINYL	C	POOR	WHITE	OUTSIDE	Negative	0.6	0.1
81	PAINT	mg / cm ^2	DOOR	METAL	C	FAIR	BLUE	OUTSIDE	Negative	0	0.02
82	PAINT	mg / cm ^2	DOOR JAMB	WOOD	C	FAIR	WHITE	OUTSIDE	Negative	0	0.02
83	PAINT	mg / cm ^2	GRG WALL	WOOD	C	POOR	WHITE	OUTSIDE	Negative	0	0.02
84	PAINT	mg / cm ^2	WALL	WOOD	D	FAIR	WHITE	OUTSIDE	Positive	1.5	0.2
85	PAINT	mg / cm ^2	DOOR	METAL	D	FAIR	BLUE	OUTSIDE	Positive	1.5	0.2
86	PAINT	mg / cm ^2	DOOR JAMB	WOOD	D	FAIR	WHITE	OUTSIDE	Negative	0	0.02
87	PAINT	mg / cm ^2	WINDOW APRON	METAL	D	FAIR	WHITE	OUTSIDE	Negative	0	0.02
88	PAINT	mg / cm ^2			CALIBRATE				Positive	1	0.1
89	PAINT	mg / cm ^2			CALIBRATE				Positive	1	0.1
90	PAINT	mg / cm ^2			CALIBRATE				Positive	1	0.1