

CHEROKEE NATION
Environmental Programs



Lead-Based Paint Inspection Report

PARTICIPANT: BERCHER, LEANNE

PREPARED BY: LOGAN GIRTY, ENVIRONMENTAL SPECIALIST I

REQUESTED BY: HACN HOUSING REHABILITATION (HUD) –
GEORGE HUBBARD

I. GENERAL INFORMATION

DATE OF INSPECTION: December 10, 2018

PARTICIPANT INFO:

Leanne Bercher
918-332-7593
345 SE Queenstown Ave, Bartlesville, OK 74006
Latitude: N 36.751786
Longitude: W -95.930880
Year of home construction: 1953

EQUIPMENT INFORMATION

X-Ray Fluorescence (XRF) Analyzer
Manufacturer: Thermo Scientific
Model #: XLp-306A
Serial Number: 26522
Radioactive Source: Cadmium 109
Sourced Date: 9/1/2018

INSPECTOR INFORMATION

Logan Girty, Environmental Specialist I
Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5000 ext.6140
Oklahoma Inspector/Risk Assessor, OKRASR13908
Cherokee Nation Inspector/Risk Assessor, CNRASR00037

Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5009
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: _____



Date: 12-11-2018

2. SUMMARY

A lead based paint inspection was conducted at the Leanne Bercher site on December 10, 2018 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. The locations that tested positive and were in deteriorated condition are highlighted in red in Attachment A (Results).**

Other locations that are positive and intact are highlighted in yellow. These locations are not currently hazardous, but care should be taken to maintain the condition of this paint and use caution if renovations will affect this area.

Locations that were not tested with XRF and are assumed to be positive are:

- 1) **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 2012 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.

Reading No	Time	Type	Duration	Units	COMPONENT	SUBSTRATE	SIDE	COLOR	ROOM	CONDITI Results	PbC	PbC Error
1	12/10/2018 13:44	Shutte	52.15	cps							6.02	0
2	12/10/2018 13:45	Paint	23:38	mg / cm ^2			CALIBR/			Positive	1.1	0.1
3	12/10/2018 13:45	Paint	22:33	mg / cm ^2			CALIBR/			Positive	1	0.1
4	12/10/2018 13:46	Paint	21:27	mg / cm ^2			CALIBR/			Positive	1.1	0.1
5	12/10/2018 13:46	Paint	2:13	mg / cm ^2	Threshold	WOOD	A	Beige	EXTERIOR	PEELING Positive	3.8	2.3
6	12/10/2018 13:47	Paint	2:12	mg / cm ^2	Door	VINYL	A	Red	EXTERIOR	INTACT Negative	< LOD	0.03
7	12/10/2018 13:47	Paint	2:13	mg / cm ^2	Door Casing	WOOD	A	White	EXTERIOR	INTACT Negative	< LOD	0.03
8	12/10/2018 13:48	Paint	13:84	mg / cm ^2	Wall	METAL	A	White	EXTERIOR	INTACT Negative	0.7	0.2
9	12/10/2018 13:48	Paint	3:75	mg / cm ^2	Window	WOOD	A	White	EXTERIOR	CRACKIN Negative	0.12	0.06
10	12/10/2018 13:48	Paint	2:67	mg / cm ^2	W Sill	WOOD	A	White	EXTERIOR	CRACKIN Positive	3.2	1.2
11	12/10/2018 13:49	Paint	2:67	mg / cm ^2	Window Trim	WOOD	A	White	EXTERIOR	CRACKIN Positive	3.6	1.2
12	12/10/2018 13:49	Paint	2:67	mg / cm ^2	Column	VINYL	A	White	PORCH	INTACT Negative	< LOD	0.03
13	12/10/2018 13:49	Paint	1:6	mg / cm ^2	Ceiling	WOOD	A	White	PORCH	CRACKIN Positive	3.8	1.9
14	12/10/2018 13:50	Paint	1:6	mg / cm ^2	Soffit	WOOD	A	White	EXTERIOR	CRACKIN Positive	5.9	3.3
15	12/10/2018 13:50	Paint	2:65	mg / cm ^2	Fascia	WOOD	A	White	EXTERIOR	CRACKIN Positive	2	0.8
16	12/10/2018 13:51	Paint	4:28	mg / cm ^2	Wall	METAL	B	White	EXTERIOR	INTACT Negative	< LOD	0.75
17	12/10/2018 13:52	Paint	1:61	mg / cm ^2	W Sill	WOOD	B	White	EXTERIOR	CRACKIN Negative	< LOD	0.32
18	12/10/2018 13:52	Paint	2:14	mg / cm ^2	Window Trim	WOOD	B	White	EXTERIOR	CRACKIN Negative	0.5	0.3
19	12/10/2018 13:53	Paint	2:14	mg / cm ^2	Soffit	WOOD	B	White	EXTERIOR	CRACKIN Positive	3	1.4
20	12/10/2018 13:53	Paint	2:68	mg / cm ^2	Fascia	WOOD	B	White	EXTERIOR	CRACKIN Negative	0.5	0.3
21	12/10/2018 13:55	Paint	3:75	mg / cm ^2	Soffit	WOOD	C	White	EXTERIOR	CRACKIN Positive	2.5	1
22	12/10/2018 13:55	Paint	5:86	mg / cm ^2	Fascia	WOOD	C	White	EXTERIOR	CRACKIN Positive	3.4	0.8
23	12/10/2018 13:55	Paint	2:14	mg / cm ^2	W Sill	WOOD	C	White	EXTERIOR	CRACKIN Negative	< LOD	0.13
24	12/10/2018 13:56	Paint	2:15	mg / cm ^2	Window Trim	WOOD	C	White	EXTERIOR	CRACKIN Negative	0.6	0.3
25	12/10/2018 13:56	Paint	6:92	mg / cm ^2	Wall	METAL	C	White	EXTERIOR	INTACT Negative	< LOD	0.6
26	12/10/2018 13:56	Paint	1:6	mg / cm ^2	Door	VINYL	C	White	EXTERIOR	INTACT Negative	< LOD	0.03
27	12/10/2018 13:57	Paint	2:15	mg / cm ^2	Door Casing	WOOD	C	White	EXTERIOR	INTACT Negative	< LOD	0.03
28	12/10/2018 13:57	Paint	2:67	mg / cm ^2	Soffit	WOOD	D	White	EXTERIOR	CRACKIN Positive	2.6	1.1
29	12/10/2018 13:57	Paint	4:27	mg / cm ^2	Fascia	WOOD	D	White	EXTERIOR	CRACKIN Positive	2	0.7
30	12/10/2018 13:58	Paint	6:4	mg / cm ^2	Wall	METAL	D	White	EXTERIOR	INTACT Negative	< LOD	0.6
31	12/10/2018 13:58	Paint	2:13	mg / cm ^2	W Sill	WOOD	D	White	EXTERIOR	CRACKIN Positive	2.4	1
32	12/10/2018 13:58	Paint	4:81	mg / cm ^2	Window Trim	WOOD	D	White	EXTERIOR	CRACKIN Positive	4	0.8

33	12/10/2018 14:00	Paint	4.27 mg/cm ² Tread	CONCRETE	A	White	EXTERIOR	INTACT	Negative	< LOD	0.03
34	12/10/2018 14:00	Paint	2.68 mg/cm ² Gar. Door	WOOD	A	White	EXTERIOR	CRACKIN	Positive	4.6	2.3
35	12/10/2018 14:01	Paint	5.89 mg/cm ² G Door Casing	WOOD	A	White	EXTERIOR	CRACKIN	Positive	4.8	0.9
36	12/10/2018 14:02	Paint	2.15 mg/cm ² Gutter	METAL	A	White	EXTERIOR	CRACKIN	Negative	< LOD	0.09
37	12/10/2018 14:10	Paint	7.44 mg/cm ² Wall	CONCRETE	A	White	LIVING RM	INTACT	Negative	< LOD	0.03
38	12/10/2018 14:11	Paint	6.39 mg/cm ² Wall	DRYWALL	B	White	LIVING RM	INTACT	Negative	< LOD	0.15
39	12/10/2018 14:11	Paint	3.73 mg/cm ² Wall	DRYWALL	C	White	LIVING RM	INTACT	Negative	< LOD	0.15
40	12/10/2018 14:11	Paint	3.74 mg/cm ² Wall	DRYWALL	D	White	LIVING RM	INTACT	Negative	< LOD	0.18
41	12/10/2018 14:11	Paint	3.18 mg/cm ² Ceiling	DRYWALL	UPPER	White	LIVING RM	INTACT	Negative	< LOD	0.03
42	12/10/2018 14:12	Paint	2.13 mg/cm ² Door	VINYL	A	White	LIVING RM	INTACT	Negative	< LOD	0.03
43	12/10/2018 14:12	Paint	2.13 mg/cm ² Door Casing	WOOD	A	White	LIVING RM	INTACT	Negative	< LOD	0.03
44	12/10/2018 14:13	Paint	1.61 mg/cm ² Floor	WOOD	A	Brown	LIVING RM	INTACT	Negative	< LOD	0.04
45	12/10/2018 14:13	Paint	2.14 mg/cm ² Baseboard	WOOD	C	White	LIVING RM	INTACT	Negative	< LOD	0.03
46	12/10/2018 14:14	Paint	1.07 mg/cm ² Window	WOOD	A	White	LIVING RM	CRACKIN	Positive	3.4	1.3
47	12/10/2018 14:14	Paint	2.13 mg/cm ² W Sill	WOOD	A	White	LIVING RM	INTACT	Negative	< LOD	0.03
48	12/10/2018 14:16	Paint	2.67 mg/cm ² Wall	DRYWALL	A	Beige	BR 1	INTACT	Negative	< LOD	0.05
49	12/10/2018 14:16	Paint	3.73 mg/cm ² Wall	DRYWALL	B	Beige	BR 1	INTACT	Negative	< LOD	0.06
50	12/10/2018 14:16	Paint	2.65 mg/cm ² Wall	DRYWALL	C	Beige	BR 1	INTACT	Negative	< LOD	0.03
51	12/10/2018 14:16	Paint	3.2 mg/cm ² Wall	DRYWALL	D	Beige	BR 1	INTACT	Negative	< LOD	0.11
52	12/10/2018 14:17	Paint	3.2 mg/cm ² Ceiling	DRYWALL	UPPER	White	BR 1	INTACT	Negative	< LOD	0.03
53	12/10/2018 14:17	Paint	2.13 mg/cm ² Window	WOOD	A	White	BR 1	CRACKIN	Positive	3.5	1.4
54	12/10/2018 14:18	Paint	2.12 mg/cm ² W Sill	WOOD	A	White	BR 1	INTACT	Negative	< LOD	0.15
55	12/10/2018 14:18	Paint	2.64 mg/cm ² Baseboard	WOOD	B	White	BR 1	INTACT	Negative	< LOD	0.03
56	12/10/2018 14:18	Paint	2.12 mg/cm ² Door	WOOD	C	White	BR 1	INTACT	Negative	< LOD	0.03
57	12/10/2018 14:18	Paint	3.2 mg/cm ² Door Casing	WOOD	C	White	BR 1	INTACT	Negative	< LOD	0.03
58	12/10/2018 14:20	Paint	2.12 mg/cm ² Wall	DRYWALL	A	Beige	BR 2	INTACT	Negative	< LOD	0.03
59	12/10/2018 14:20	Paint	3.19 mg/cm ² Wall	DRYWALL	B	Beige	BR 2	INTACT	Negative	< LOD	0.03
60	12/10/2018 14:20	Paint	2.14 mg/cm ² Wall	DRYWALL	C	Beige	BR 2	INTACT	Negative	< LOD	0.03
61	12/10/2018 14:21	Paint	2.67 mg/cm ² Wall	DRYWALL	D	Beige	BR 2	INTACT	Negative	< LOD	0.03
62	12/10/2018 14:21	Paint	3.19 mg/cm ² Ceiling	DRYWALL	UPPER	White	BR 2	INTACT	Negative	< LOD	0.07
63	12/10/2018 14:22	Paint	2.13 mg/cm ² Baseboard	WOOD	A	White	BR 2	INTACT	Negative	< LOD	0.17
64	12/10/2018 14:23	Paint	2.67 mg/cm ² Window	WOOD	A	White	BR 2	CRACKIN	Positive	3.5	1.4
65	12/10/2018 14:23	Paint	1.6 mg/cm ² W Sill	WOOD	A	Beige	BR 2	INTACT	Negative	< LOD	0.11
66	12/10/2018 14:24	Paint	1.6 mg/cm ² Cabinet Door	WOOD	C	Beige	BR 2	INTACT	Negative	< LOD	0.14

67	12/10/2018 14:24	Paint	2.14 mg / cm ^2	Cabinet Frame	WOOD	C	Beige	BR 2	INTACT	Negative	< LOD	0.06
68	12/10/2018 14:24	Paint	1.6 mg / cm ^2	Cabinet Shelf	WOOD	C	Beige	BR 2	INTACT	Negative	< LOD	0.06
69	12/10/2018 14:24	Paint	1.6 mg / cm ^2	Door	WOOD	C	White	BR 2	INTACT	Negative	< LOD	0.03
70	12/10/2018 14:25	Paint	3.2 mg / cm ^2	Door Casing	WOOD	C	White	BR 2	INTACT	Negative	< LOD	0.03
71	12/10/2018 14:25	Paint	2.67 mg / cm ^2	Wall	DRYWALL	A	Beige	BR 3	INTACT	Negative	< LOD	0.17
72	12/10/2018 14:25	Paint	2.66 mg / cm ^2	Wall	DRYWALL	B	Beige	BR 3	INTACT	Negative	< LOD	0.17
73	12/10/2018 14:25	Paint	2.65 mg / cm ^2	Wall	DRYWALL	C	Beige	BR 3	INTACT	Negative	< LOD	0.2
74	12/10/2018 14:25	Paint	3.73 mg / cm ^2	Wall	DRYWALL	D	Beige	BR 3	INTACT	Negative	< LOD	0.1
75	12/10/2018 14:26	Paint	3.71 mg / cm ^2	Ceiling	DRYWALL	UPPER	White	BR 3	INTACT	Negative	< LOD	0.03
76	12/10/2018 14:26	Paint	2.14 mg / cm ^2	Window	WOOD	B	White	BR 3	CRACKIN	Positive	2.7	1.3
77	12/10/2018 14:27	Paint	1.6 mg / cm ^2	W Sill	WOOD	B	White	BR 3	INTACT	Negative	< LOD	0.03
78	12/10/2018 14:27	Paint	1.6 mg / cm ^2	Baseboard	WOOD	D	White	BR 3	INTACT	Negative	< LOD	0.28
79	12/10/2018 14:27	Paint	1.59 mg / cm ^2	Door	WOOD	D	White	BR 3	INTACT	Negative	< LOD	0.03
80	12/10/2018 14:28	Paint	2.15 mg / cm ^2	Door Jamb	WOOD	D	White	BR 3	INTACT	Negative	< LOD	0.03
81	12/10/2018 14:28	Paint	3.72 mg / cm ^2	Wall	DRYWALL	A	Beige	BATH 1	INTACT	Negative	< LOD	0.03
82	12/10/2018 14:28	Paint	3.24 mg / cm ^2	Wall	DRYWALL	B	Beige	BATH 1	INTACT	Negative	< LOD	0.03
83	12/10/2018 14:28	Paint	8.52 mg / cm ^2	Wall	DRYWALL	C	Beige	BATH 1	INTACT	Negative	< LOD	0.75
84	12/10/2018 14:29	Paint	1.62 mg / cm ^2	Wall	DRYWALL	D	Beige	BATH 1	INTACT	Negative	< LOD	0.03
85	12/10/2018 14:29	Paint	3.73 mg / cm ^2	Ceiling	DRYWALL	UPPER	White	BATH 1	INTACT	Negative	0.18	0.12
86	12/10/2018 14:29	Paint	1.6 mg / cm ^2	Cabinet Door	WOOD	D	Gray	BATH 1	INTACT	Negative	< LOD	0.03
87	12/10/2018 14:29	Paint	1.6 mg / cm ^2	Cabinet Shelf	WOOD	D	Gray	BATH 1	INTACT	Negative	< LOD	0.03
88	12/10/2018 14:30	Paint	1.6 mg / cm ^2	Wall	TILE	C	Beige	BATH 1	INTACT	Negative	< LOD	0.03
89	12/10/2018 14:30	Paint	3.21 mg / cm ^2	Floor	TILE	LOWER	Beige	BATH 1	INTACT	Negative	< LOD	0.03
90	12/10/2018 14:30	Paint	1.6 mg / cm ^2	Door	WOOD	A	White	BATH 1	INTACT	Negative	< LOD	0.04
91	12/10/2018 14:31	Paint	4.28 mg / cm ^2	Door Casing	WOOD	A	White	BATH 1	INTACT	Negative	< LOD	0.03
92	12/10/2018 14:31	Paint	4.27 mg / cm ^2	Wall	DRYWALL	A	Beige	DINING	INTACT	Negative	< LOD	0.03
93	12/10/2018 14:31	Paint	3.73 mg / cm ^2	Wall	DRYWALL	B	Beige	DINING	INTACT	Negative	< LOD	0.13
94	12/10/2018 14:31	Paint	3.75 mg / cm ^2	Wall	DRYWALL	C	Beige	DINING	INTACT	Negative	< LOD	0.07
95	12/10/2018 14:32	Paint	4.79 mg / cm ^2	Wall	DRYWALL	D	Beige	DINING	INTACT	Negative	< LOD	0.13
96	12/10/2018 14:32	Paint	1.6 mg / cm ^2	Wall	WOOD	D	Brown	DINING	INTACT	Negative	< LOD	0.03
97	12/10/2018 14:33	Paint	2.12 mg / cm ^2	Window	WOOD	C	White	DINING	CRACKIN	Positive	2	0.8
98	12/10/2018 14:33	Paint	2.14 mg / cm ^2	W Sill	WOOD	C	White	DINING	INTACT	Negative	< LOD	0.05
99	12/10/2018 14:34	Paint	3.75 mg / cm ^2	Wall	DRYWALL	A	Beige	KITCHEN	INTACT	Negative	0.24	0.15
100	12/10/2018 14:35	Paint	9.03 mg / cm ^2	Wall	DRYWALL	B	Beige	KITCHEN	INTACT	Negative	< LOD	0.75

101	12/10/2018 14:35	Paint	1.6 mg / cm ^2	Wall	DRYWALL	C	Beige	KITCHEN	INTACT	Negative	< LOD	0.9
102	12/10/2018 14:35	Paint	6.39 mg / cm ^2	Wall	DRYWALL	C	Beige	KITCHEN	INTACT	Negative	0.16	0.06
103	12/10/2018 14:35	Paint	4.82 mg / cm ^2	Wall	DRYWALL	D	Beige	KITCHEN	INTACT	Negative	0.5	0.2
104	12/10/2018 14:36	Paint	2.65 mg / cm ^2	Ceiling	DRYWALL	UPPER	White	KITCHEN	INTACT	Negative	< LOD	0.03
105	12/10/2018 14:36	Paint	2.14 mg / cm ^2	Window Sill	WOOD	D	White	KITCHEN	INTACT	Negative	< LOD	0.32
106	12/10/2018 14:37	Paint	1.6 mg / cm ^2	Window	WOOD	D	White	KITCHEN	CRACKIN	Positive	3.6	1.3
107	12/10/2018 14:37	Paint	2.15 mg / cm ^2	Door	METAL	C	White	KITCHEN	INTACT	Negative	< LOD	0.03
108	12/10/2018 14:38	Paint	2.13 mg / cm ^2	Door Casing	WOOD	C	White	KITCHEN	INTACT	Negative	< LOD	0.03
109	12/10/2018 14:38	Paint	1.61 mg / cm ^2	Cabinet Door	WOOD	A	Brown	KITCHEN	INTACT	Negative	< LOD	0.03
110	12/10/2018 14:38	Paint	1.6 mg / cm ^2	Cabinet Frame	WOOD	A	Brown	KITCHEN	INTACT	Negative	< LOD	0.03
111	12/10/2018 14:39	Paint	2.14 mg / cm ^2	Cabinet Shelf	WOOD	A	White	KITCHEN	INTACT	Negative	< LOD	0.31
112	12/10/2018 14:41	Paint	20.81 mg / cm ^2			CALIBR/				Positive	1.1	0.1
113	12/10/2018 14:41	Paint	21.86 mg / cm ^2			CALIBR/				Positive	1.1	0.1
114	12/10/2018 14:42	Paint	21.42 mg / cm ^2			CALIBR/				Positive	1.1	0.1