

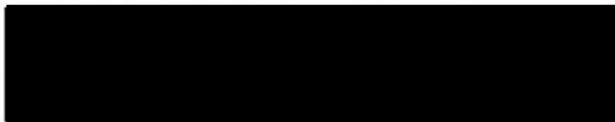
# CHEROKEE NATION

Environmental Programs



Unit: #13705

## LEAD-BASED PAINT CLEARANCE TEST



PREPARED BY: ASHLEY WAGNON, ENVIRONMENTAL SPECIALIST II

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

## Lead Hazard Control Visual Clearance Form

Date 12/9/2011

Name of Clearance Examiner Jeremy Freise

License Number OKRASR13522, CNRASR00029

Property Address 420 E Pine St, Skiatook, OK 74070

Date Cleanup Completed 12/9/2011

Time Cleanup Completed 11:00 AM

Abatement/Interim Control Contractor Name CN Force Account LBP Crew

Address PO Box 948, Tahlequah, OK 74465

Telephone No. 918-453-5660

Check in repeat clearance examination \_\_\_\_\_

Room ID	Building components requiring treatment	Work completed? (yes or no)	Paint Chips? (yes or no)	Dust? (yes or no)	Additional Work Required?
Exterior	(B)Gable End Wall	Yes	No	NO	No

Exterior Soil \_\_\_\_\_ Treated X Not Treated

If treated, is bare soil present \_\_\_\_\_ Yes \_\_\_\_\_ No

Was contaminated soil removed? \_\_\_\_\_ Yes \_\_\_\_\_ No

Is additional soil treatment required? \_\_\_\_\_ Yes \_\_\_\_\_ No

Signature

Ashley Wagner

## Lead Hazard Control Dust Sampling Form

Date 12/9/2011

Name of Clearance Examiner Jeremy Freise

License Number OKRASR13522, CNRASR00029

Property Address 420 E Pine St, Skiatook, OK 74070

### Clearance Categories:

1. Interior treatments without containment.
2. Interior treatments with containment.
3. Exterior work on painted surfaces.
4. Routine maintenance.
5. Soil work.

Sample Number	Room Identifier	Surface Type	Clearance Category	Area of Sample	Result of Lab Analysis ( $\mu\text{g}/\text{ft}^2$ )	Pass or Fail
01	Exterior	Floor	3	144 in <sup>2</sup>	<10	Pass
02	Exterior	Apron	3	72 in <sup>2</sup>	45	Pass

Total Number of Samples on this Page 2

Page 1 of 1

Date of Sample Collection 12/9/11

Date Shipped to Lab 12/12/11

Shipped by Ashley Wagon  
(Signature)

Received by EMSL Analytical, Inc  
(Signature)



## Lead Hazard Control Clearance Soil Sampling Form

Date 12/9/2011

Name of Clearance Examiner Jeremy Freise

License Number OKRASR13522, CNRASR00029

Property Address 420 E Pine St, Skiatook, OK 74070

Sample Number	Location	Bare or Covered	Lab Result (µg/g)	Pass or Fail
03	Building perimeter	Bare	190	Pass

Total Number of Samples on this Page 1

Page 1 of 1

Date of Sample Collection 12/9/11

Date Shipped to Lab 12/12/11

Shipped by Ashley Wagnon  
(Signature)

Received by EMSL Analytical, Inc  
(Signature)

**EMSL Analytical, Inc.**

3029 S. Jefferson, Saint Louis, MO 63118

Phone: (314) 577-0150

Fax: (314) 776-3313

Email: [saintlouislab@emsl.com](mailto:saintlouislab@emsl.com)

Attn: **Jeremy Freise**  
**Cherokee Nation Environmental Programs**  
**206 East Allen Road**  
**Tahlequah, OK 74464**

Customer ID: **CHER25**  
Customer PO: **114068**  
Received: **12/13/11 8:40 AM**  
EMSL Order: **391109497**

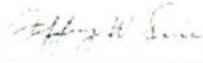
Phone: (918) 453-5370

EMSL Proj:

**Test Report: Lead in Dust by Flame AAS (SW 846 3050B\*/7000B)**

Lab ID	Analyzed	Area Sampled	RDL	Lead Concentration	Notes
0001	12/14/2011	144 in <sup>2</sup>	10 µg/ft <sup>2</sup>	< 10 µg/ft <sup>2</sup>	
<i>Client Sample 02</i>					<i>Collected:</i>
0002	12/14/2011	72 in <sup>2</sup>	20 µg/ft <sup>2</sup>	45 µg/ft <sup>2</sup>	
<i>Client Sample 03</i>					<i>Collected:</i>

Initial report from 12/14/2011 10:12:05

  
Jeff Sina, Laboratory Manager  
or other approved signatory

Reporting limit is 10 µg/wipe. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

\* slight modifications to methods applied. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Saint Louis, MO AHA-LAP, LLC ELLAP 102636



EMSL Analytical, Inc.

3029 S. Jefferson, Saint Louis, MO 63118

Phone: (314) 577-0150 Fax: (314) 776-3313 Email: saintlouislab@emsl.com

Attn: **Jeremy Freise**  
**Cherokee Nation Environmental Programs**  
**206 East Allen Road**  
**Tahlequah, OK 74464**

Customer ID: CHER25  
Customer PO: 114068  
Received: 12/13/11 8:40 AM  
EMSL Order: 391109500


Phone: (918) 453-5370

EMSL Proj:

### Test Report: Lead in Soils by Flame AAS (SW 846 3050B\*/7000B)

Lab ID:	Analyzed	RDL	Lead Concentration	Notes
0001	12/14/2011	40 mg/Kg	190 mg/Kg	
Client Sample 01				Collected:

Initial report from 12/14/2011 11:08:55

  
Jeff Siria, Laboratory Manager  
or other approved signatory

Reporting limit is 40 mg/kg. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

\* slight modifications to methods applied. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Saint Louis, MO AHA-LAP, LLC ELLAP 102636





# Lead & Metals Chain of Custody

EMSL Order Number (Lab Use Only):

391109497

303-378-3000  
Fax: 303-378-3001  
Email: info@emsllab.com  
Web: www.emslab.com

Company: Cherokee Nation Environmental Programs		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If bill to a Different rate instructions in Comments</small>	
Street: 206 East Allen Road		Third Party Billing requires written authorization from third party	
City/State/Zip: Tahlequah, OK 74464			
Report To (Name): Jeremy J. Freise		Fax: (918) 453-2904	
Telephone: (918) 453-5094		Email Address: jeremy.freise@cherokee.org	
Project Name/Number: [REDACTED]			
Please Provide Results: Email		Purchase Order: 114058	
		State Samples Taken: OK	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> % by wt.	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter
Wipe* <input checked="" type="checkbox"/> ASTM <input type="checkbox"/> non ASTM	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe
<small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW846-6010B or C	ICP-AES	0.5 µg/wipe
TCLP	SW846-1311/7420-SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
Other:		Preservation Method (Water):	
Name of Sampler: JEREMY J. FREISE		Signature of Sampler: <i>Jeremy J. Freise</i>	
Sample #	Location	Volume/Area	Date/Time Sampled
01	DRIPLINE	50 mL	12-9-11
02	SIDE A PORCH FLOOR	144 in <sup>2</sup>	12-9-11
03	SIDE B WINDOW APRON	72 in <sup>2</sup>	12-9-11
Client Sample #'s: 01 - 03		Total # of Samples: 3	
Relinquished (Client): <i>Jeremy J. Freise</i>	Date: <i>12/13/11</i>	Time: <i>840</i>	
Received (Lab): <i>[Signature]</i>	Date: <i>12/13/11</i>	Time: <i>840</i>	
Comments/Special Instructions: Bill To: Cherokee Nation Environmental Programs, 206 East Allen Road, Tahlequah, OK 74464 Attention: Ashley Wagner Phone: (918) 453-5070 Email: ashley.wagner@cherokee.org Purchase Order: 114058			

Controlled Document - Lead & Metals COC - EM-1 - 0 - 11/23/2006

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