

CHEROKEE NATION

Environmental Programs



LEAD-BASED PAINT CLEARANCE TEST

Unit #12963

PREPARED BY: ASHLEY WAGNON, ENVIRONMENTAL SPECIALIST II

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

Lead Hazard Control Visual Clearance Form

Date May 9, 2013

Name of Clearance Examiner Michael Miley

License Number OKRASR13521, CNRASR00030

Name of Property Owner _____

Property Address 210 S Foreman, Locust Grove, OK 74352

Date Cleanup Completed 5/9/2013

Time Cleanup Completed 11 AM

Abatement/Interim Control Contractor Name CN Rehab LBP Crew

Address PO Box 948, Tahlequah, OK 74465

Telephone No. 918-453-5660

Check if 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	Side C Wood Door	Yes	No	No	No
Exterior	Side C Wall	Yes	No	No	No
Exterior	Side A Rafter	Yes	No	No	No

Exterior Soil X Treated Not Treated

If treated, is bare soil present Yes X No

Was contaminated soil removed? X Yes No

Is additional soil treatment required? Yes X No

Signature Obbley Adgum for Michael Miley

Lead Hazard Control Dust Sampling Form

Date May 9, 2013

Name of Clearance Examiner Michael Miley

License Number OKRASR13521, CNRASR00030

Name of Property Owner _____

Property Address 210 S Foreman, Locust Grove, OK 74352

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	Dimensions of Sample	Result of Lab Analysis ($\mu\text{g}/\text{ft}^2$)	Pass or Fail
01	Exterior	WS	3, 5	32" x 3/4"	<60.0	Pass
02	Exterior	FL	3, 5	12"x12"	<10.0	Pass

Total Number of Samples on this Page 2

Page 1 of 1

Date of Sample Collection 5/9/13 Date Shipped to Lab 5/9/13

Shipped by Michael Miley Received by EMSL Analytical
(Signature) (Signature)

**EMSL Analytical, Inc.**

3029 S. Jefferson, Saint Louis, MO 63118

Phone/Fax: (314) 577-0150 / (314) 776-3313

saintlouislab@emsl.com

EMSL Order: 391303385

CustomerID: CHER25

CustomerPO: 131452

ProjectID:

Attn: **Michael Miley**
Cherokee Nation Environmental Programs
206 East Allen Road
Tahlequah, OK 74464

Phone: (918) 453-5370
Fax:
Received: 05/13/13 10:15 AM
Collected:

Project:

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

Lab ID:	Analyzed	Area Sampled	RDL	Lead Concentration	Notes
0001	5/14/2013	24 in ²	60 µg/ft ²	<60 µg/ft ²	
<i>Client Sample 01</i>					<i>Collected:</i>
0002	5/14/2013	144 in ²	10 µg/ft ²	<10 µg/ft ²	
<i>Client Sample 02</i>					<i>Collected:</i>

Jeff Siria, Laboratory Manager
or other approved signatory

Reporting limit is 10 µg/wipe, µg/wipe = µg/ft² x area sampled in ft². 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 (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. QC data associated with this sample set is within acceptable limits, unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. * slight modifications to methods applied. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request.

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

Initial report from 05/14/2013 10:23:30

Test Report PB w/RDL-7.26.0 Printed: 5/14/2013 10:23:30 AM

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EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS & TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

291303385

EMSL Analytical, Inc.
3025-3029 S. Jefferson

St. Louis, MO 63118
PHONE: (314)-577-0150
FAX: (314)-776-3313

Company: Cherokee Nation Environmental Programs		EMSL-Bill to: <input checked="" type="checkbox"/> Different <input type="checkbox"/> Same If Bill to is Different note instructions in Comments**	
Street: PO Box 948		Third Party Billing requires written authorization from third party	
City: Tahlequah	State/Province: OK	Zip/Postal Code: 74464	Country: United States
Report To (Name): Michael Miley		Telephone #: 918-453-5009	
Email Address: michael-miley@cherokee.org		Fax #:	Purchase Order: 131452
Project Name/Numbe		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: OK		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
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			
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	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/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input checked="" type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Michael Miley		Signature of Sampler: <i>[Signature]</i>	
Sample #	Location	Volume/Area	Date/Time Sampled
01	Window Sill C Side	32 X 3/4	5/9/2013
02	Porch C side	12 X 12	1
Client Sample #'s		Total # of Samples:	
Relinquished (Client): <i>[Signature]</i>	Date: 5/9/2013	Time: 2:56 PM	
Received (Lab): <i>[Signature]</i>	Date: 5/13/13	Time: 10:15A FX	
Comments:			
Bills: Cherokee Nation Environmental Programs, 206 E Allen Rd, Tahlequah, OK, 74464, United States Attention: Ashley Waggon Phone: 918-453-5006 Email: ashley-waggon@cherokee.org Purchase Order 131452			

5352 S439 2065