

Memorandum

To: Tonya Gower
CC: Stann Hummingbird
From: Shaun West, EHS *SW*
Date: 10/23/2001
Re: Debbie Robbins

Enclosed is the LBP clearance test for Debbie Robbins (Ottawa County). Since all lead-based paint hazards have been corrected, the home now meets the criteria established by HUD for lead safety.

If you have any questions, please call me at extension 2738.

CONFIDENTIAL

Chapter 15: Clearance

Form 15.1

Lead Hazard Control Visual Clearance Form

Date 10-23-01

Name of clearance examiner SHAUN WEST

License no. (if applicable) OKLARS41453 / CNRARS00001

Name of property owner Dabbie Robbins

Property address 1524th Est SW Miami, OK Apt. no. _____

Date cleanup completed 10-17-01

Time cleanup completed 1:30 pm

Abatement/interim control contractor name FRANK McCULLY

Address PO Box 948 Tahlequah, OK 74465

Telephone no. 918-431-4177

Check if repeat clearance examination _____

Room identifier	List all building components required to be treated in each room	Work on each component completed? (yes or no)	Visible paint chips seen? (yes or no)	Visible settled dust seen? (yes or no)	Additional work required?
<u>Rm 9 Garage</u>	<u>DOOR</u>	<u>YES</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>

Exterior soil _____ Treated Not treated

If treated, is bare soil present? _____ Yes _____ No

Was contaminated soil removed? _____ Yes _____ No

Is additional soil treatment required? _____ Yes _____ No

NOTES:

Signature 

Form 15.2

Lead Hazard Control Clearance Dust Sampling Form (Single-Surface Sampling)

Date 10-23-01

Name of clearance examiner SHARON WEST

License no. (if applicable) OKLASH11453 / CNNA5140001

Name of property owner Debbie Robbins

Property address Miami, OK. Apt. no. _____

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 number or identifier	Surface type (floor, interior window sill, window trough)	Clearance category number	Dimensions of sample area (inches)	Area (ft ²) (can be completed by lab)	Result of lab analysis (µg/ft ²) (can be completed by lab)	Pass or Fail
EF	EXT.	FLOOR	3	12x12		<120	P
EWS	EXT.	WIN SILL	3	2x8		<108.11	P

Total number of samples on this page 2

Page 1 of 1

Date of sample collection 10/18/01 Date shipped to lab 10/18/01

Shipped by Sharon West (Signature) Received by B. Mosley (Signature)

Form 15.2a

Lead Hazard Control Clearance Dust Sampling Form (Composite Sampling)

Date _____

Name of clearance examiner _____

License no. (if applicable) _____

Name of property owner _____

Property address _____ Apt. no. _____

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	Name of room or identifiers included in sample	Dimensions of surface sampled in each room (inches x inches)	Total surface area sampled (ft ²)	Type of surface sampled (smooth floors, carpeted floors, interior window sills, window troughs)	Clearance category number	Lab result (µg/ft ²)	Pass or fail
	_____ _____ _____ _____	____ X ____ ____ X ____ ____ X ____ ____ X ____					
	_____ _____ _____ _____	____ X ____ ____ X ____ ____ X ____ ____ X ____					
	_____ _____ _____ _____	____ X ____ ____ X ____ ____ X ____ ____ X ____					
	_____ _____ _____ _____	____ X ____ ____ X ____ ____ X ____ ____ X ____					

Total number of samples on this page _____

Page _____ of _____

Date of sample collection ____/____/____ Date shipped to lab ____/____/____

Shipped by _____ (Signature) Received by _____ (Signature)

Form 15.3

Lead Hazard Control Clearance Soil Sampling Form (Composite Sampling Only)

Date 10-23-01
 Name of clearance examiner SHAWN WEST
 License no. (if applicable) OK-PLASR211453/OCNPLASR00001
 Name of property owner Dobbie Robbins
 Property address Miami, OK Apt. no. _____

Sample number	Location	Bare or covered	Lab result (µg/g)
<u>ES</u>	<u>building perimeter</u>	<u>BARE</u>	<u>< 60.00</u>
	<u>building perimeter</u>		

Sketch soil sampling plot plan. Collect only the top 1/2" of soil.

Total number of samples on this page 1
 Page 1 of 1

Date of sample collection 10/18/01 Date shipped to lab 10/18/01
 Shipped by Shawn West (Signature) Received by B. Mosley (Signature)



2333 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuantEM Set ID: 0110CB191485
Date Received: 10/22/01
Received By: B. Mosley
Date Sampled: 10/18/01
Time Sampled: 0:00
Extraction Date:
Date of Report: 10/23/01

ODEQ Lab No. 7202
A1HA ID: 101352
KDHE ID: E-10315

Client: Cherokee Nation
P.O. Box 948
Tahlequah, OK 74465
Contact: Patricia Bryant
Acct. No.: B191
Project: Robbins
Location: Miami, OK
Project No.: Housing

QuantEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Method Detection Limit	Units	Date/Time Analyzed	Analyst	Method
001	FP	Wipe	Lead	<12.00	12.00		ug/sq Ft	10/23/01 9:15	P. Marshala	NIOSH 9104
002	EWS	Wipe	Lead	<108.11	108.11		ug/sq FL	10/23/01 9:15	P. Marshala	NIOSH 9100
003	ES	Soil	Lead	<60.00	60.00		mg/kg	10/23/01 9:15	P. Marshala	EPA 7420

Authorized Signature: *Patricia Bryant*

The report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the quality of apparently identical or similar products or procedures, nor does it represent an ongoing quality 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.

Environmental Chemistry QC Report

QuantEM Set ID: 0110CB191485

Analyst	Parameter	Method	Date/Time Completed	LCS Recovery %	Recovery Limits	Blank	Units	Duplicate RPD	Matrix Spike Recovery %	MSD Recovery %	Matrix Spike RPD
P. Marshall	Lead	EPA 7420	10/23/01 9:15:00 AM	98.6	80 - 120	0	mg/kg	1.0	106.4		
P. Marshall	Lead	NIOSH 9100	10/21/01 9:15:00 AM	100.9	80 - 120	0	ug/sq Ft		99.7	99.7	0.0

Authorized Signature: *[Signature]*

011008191485



Chemistry Chain-of-Custody Form

2033 Heritage Park Drive, Oklahoma City, OK 73120
(000) 022-1650 (405) 755-7272 Fax (405) 755-2058

Page _____ of _____

Company Name: Choctaw Nation Project: Robbins
Project Location: Miami, Ok. Project Number: Housing

Sample Number	Sample Description	Sample Date	Sample Matrix	Sample Preservation	Geo/Composite	Analyst/Equipped	Notes
EF	EXT. Walk Floor	10-18-01	FF		GC		12" x 12"
EW5	EXT. Win Sill	10-18-01	FF		GC		2' x 8" 0.111
ES	EXT. Soil	10-18-01	D				

Sample Matrix Code:

- A. Non-Potable Water
- B. Drinking Water
- C. Leachate
- D. Soil
- E. Sludge/Sediment
- F. Surface/Diesel Wipe
- U. Paint Chips
- H. Miscellaneous Bulk
- I. Air Cassette
- J. Passive Monitor
- K. Other (Specify)

Retention: 1 day Report Results to: Attorney
 Date Issued: _____ Laboratory Number: 918-458-6152
 Issue Date: _____ Fax Number: _____

Received by: Mr. Mosley Date: 10/26/01 2:55
 Issued by: Mr. Mosley Date: 10/26/01 2:55

Saturday FedEx Shipping: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105
 (Use for FedEx only) (Mark package "HOLD FOR PICKUP")