CHEROKEE NATION Environmental Programs



Asbestos Sampling Report

PARTICIPANT: COLLINS, REBA

PREPARED BY: Logan Girty DATE: 10/28/2024

LOGAN GIRTY. ENVIRONMENTAL SPECIALIST III

REQUESTED BY: HACN HOUSING REHABILITATION (HUD) -

GEORGE HUBBARD

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I. Site Inspection/Description

Cherokee Nation Environmental Programs (CNEP) has conducted asbestos sampling for the presence of asbestos containing materials (ACM) for the following site:

Reba Collins 472703 E 810 Rd, Stilwell, OK 74960 918-575-2839 Coordinates: 35.8414 / -94.6005

The sampling was performed to determine the presence of all ACM from within the affected parts of the structure for EPA's National Emissions of Hazardous Air Pollutants (NESHAP) compliance as well as OSHA worker protection.

The inspector responsible for this project was:

Logan Girty, AHERA Inspector

The sampling was conducted on October 1, 2024 at the request of the Cherokee Nation Housing Rehabilitation Department.

The site is a single family home built in 1975. Sampling was limited to areas that would be affected by the project scope of work (Appendix A) provided by the housing rehabilitation department.

ACM was found at this site. See Section IV for locations.

II. BACKGROUND

The Oklahoma Department of Environmental Quality (ODEQ) has adopted EPA's NESHAP regulation under OAC252:100, 41-15 and has been delegated authority in the state of Oklahoma for its enforcement. Section 61.145(a) of Federal EPA regulation states that prior to commencement of the demolition or renovation of a facility a thorough inspection of the affected part or parts of a facility is required to determine the presence of all asbestos including Category I and Category II non-friable, and friable ACM. ACM is defined by EPA and OSHA as any material that contains greater than 1% asbestos.

III. FIELD PROCEDURES AND ANALYTICAL METHODS

During the on-site inspection, we visually assessed the physical characteristics of suspect asbestos-containing materials (SACM) based on homogeneous areas. Homogeneous areas are areas of asbestos similar in color, texture, and construction, date of application, and in general

appearance. For purposes of renovation and demolition, homogeneous areas of SACM can be further classified according to NESHAPs rules by whether the material is friable, Category I non-friable, or Category II non-friable.

<u>Friable ACM</u> is defined by NESHAPs rules as any material containing more than 1% asbestos as determined by Polarized Light Microscopy (PLM), that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure.

<u>Category I Non-friable ACM</u> is defined by NESHAPs rules as any asbestos-containing packings, gaskets, construction mastics, resilient floor covering (i.e. floor tiles, roll sheet flooring) or asphalt roofing products that contain more than 1% asbestos as determined by PLM.

<u>Category II Non-friable ACM</u> is defined by NESHAPs rules as any material, excluding Category I non-friable ACM, containing more than 1% asbestos as determined by PLM, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Typically, non-friable materials, such as transite (cementious products) and vinyl floor tiles are not regulated by the State of Oklahoma provided they do not become friable. General deterioration, machine grinding, drilling, sanding, and dry-buffing are all ways of causing non-friable materials to become classified as Regulated Asbestos Containing Materials (RACM). All friable materials are classified RACM. Please note that the following materials, even though classified as non-friable are fully regulated by Oklahoma Department of Labor for removal purposes as friable material: ceiling tiles, roll sheet flooring (linoleum), and joint wall compound when deemed friable

In addition to classification of suspect material into friable and non-friable materials, a determination of current condition was conducted as part of the physical assessment. The condition noted is the representative of the material at the time of inspection. Conditions of materials can change very quickly when disturbed. All suspect material was placed in one of the following categories of condition.

<u>Significantly damaged</u>: Material that is damaged, blistered, deteriorated, water stained over at least 10% of its total area.

<u>Damaged</u>: Material that is damaged, blistered, deteriorated, water stained less than 10% of its total area.

<u>Good</u>: Material that has no visible damage or deterioration.

Guidelines used for the number of samples collected per homogeneous area were determined using the Asbestos Hazard Emergency Response Act (AHERA) protocol promulgated in 40 CFR 763, Appendix E as follows:

Surfacing materials – material that is sprayed or troweled on wall, ceilings, or support columns for fireproofing, acoustical, or even decorative purpose.

- Less than 1000 ft2 Minimum 3 samples
- From 1000-5000 ft2 Minimum 5 samples
- Greater than 5000 ft2 Minimum 7 samples

Thermal System Insulation (TSI) materials – thermal system insulation material applied to tanks, boiler, pipes or other structural component for an insulating purpose.

- May omit areas of fibrous glass, foam glass, rubber, and Styrofoam form sampling. Areas that have mastic on seams or outer jacketing will be sampled.
- At least three samples must be collected from each homogeneous area of TSI.
- Plus an additional sample from each patched area of less than 6 linear feet.
- Fittings require a sufficient amount to determine positive or negative nature.
- Inspector will first collect samples from damaged areas, exposed ends, or areas missing jacketing first.

Miscellaneous materials – all other material that are not thermal system insulation or surfacing materials. This includes gaskets, packings, joint wall compound, cementious asbestos materials, ceiling tiles resilient flooring materials, construction mastics, etc..

- May assume and document as such
- A sufficient amount of samples to determine negative or positive nature. A minimum or one per suspect homogeneous area.
- Collect samples from inconspicuous locations.
- Material such as cementious asbestos or vibration dampening cloths should not be sampled and will be assumed ACM unless instructed by client to collect these samples.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) in accordance with EPA Methods 600R-93/116. All samples were sent to a NVLAP accredited laboratory for analysis. QuanTEM Laboratories, LLC (NVLAP # 101959-0) in Oklahoma City, OK analyzed the samples. A copy of the full laboratory report and chain of custody can be found in Appendix B.

IV. SUMMARY OF FINDINGS

A total of 7 samples were analyzed from 3 homogeneous areas due to multi-layers of material within some homogeneous sample areas. All accessible and observable areas within the renovation area were sampled for ACM. Samples were not taken of suspect materials that may have placed the inspector at risk of injury (i.e. electrical panel boxes). Any suspect ACM that have not been tested and/or found positive for asbestos must be assumed ACM until they are analyzed. Upon review of laboratory analysis, the following asbestos containing materials can be found in Table 1. All suspect ACM samples that were analyzed and did not contain asbestos can be found in Table 2.

Table 1.	Asbestos Containing Materia	ls			
Sample #	Material Description	Locations	Friability (Friable, NF Cat I NF Cat II)	Condition	Sample Results (% Asbestos)
02-01 02-02 02-03	Drywall Ceiling Texture	Living, Laundry, Kitchen, Bath, Bedroom 1	Friable	Damaged	4% Chrysotile

Table 2.	Non – Asbestos Containing M	laterials		
Sample #	Material Description	Locations	Condition	Sample Results (% Asbestos)
01-01	RS Vinyl Flooring	Living, Laundry, Kitchen, Bath, Bedroom 1	Damaged	None Detected
03-01 03-02 03-03	Drywall Ceiling Texture	Master Bed & Bath	Damaged	None Detected

V. CONCLUSIONS

Asbestos is not always an immediate hazard. Intact and undisturbed ACM does not pose a health risk. They may, however become a health hazard if they are damaged, disturbed, or deteriorate over time and release fibers into the air. There are no federal, state, or Tribal laws mandating asbestos removal. It is only when the material can no longer be maintained in good condition and/or airborne concentrations of asbestos are measured and found to be above a permissible exposure limit (PEL), or when the building is to be demolished or renovated, that removal may become necessary. Any renovation/demolition work which may impact these positive materials should be conducted in accordance with all applicable Federal, state, and local regulations.

APPENDIX A.

PROJECT SCOPE OF WORK



Cherokee Nation Environmental Programs **Environmental Review Request** Tribal Rehab Program

Environmental Screen

Lead-Based Paint



Asbestos 🗸



Requesting Program:

Housing Rehab

Program Contact Name: Jamie Walters

Program Contact Phone: (918) 456-5482

Program Contact Email: jamie.walters@hacn.org

Date of Request: **08/20/2024**

Funding Source: Tribal Rehab

Name of Participant: Reba Collins

Participant Phone:

(918) 575-2839

Year structure was built: 1975

Physical Address: 472703 E. 810 Rd. Stilwell, OK. 74960

County: Adair

Please Attach: Work Write-Up and Bid Document **HACN Housing Rehab** Deed



WorkWrite-Up and Bid Document/By Trade

Reba Collins	Contractor Name:			
472703 E 810 rd Stilwell, OK 7-4960 (918) 575-2839	Contractor Signature:			
		This document must be signed to be a valid bid.	signed to be a valid l	sid.
PRO	PROJECT TYPE: Rehabilitation	uo	Bid Due Date:	
Trade Work Description / Comments	Comments	Gen. Spec.	Qty Unit	Item Bid
Appliances				
1 Area: KITCHEN		Div.# 10.F	1Ea	
Oven/Range/Electric/30"/Free Standing. Replace existing oven with new 30" free standing electric range/oven with clock, oven window and one-year manufacturer's warranty.	Replace existing oven with new 30" free oven window and one-year manufacturer	i0" free acturer's		
Replace cooktop with free standing range/oven				
2 Area: KITCHEN		<i>Div.</i> # 10.D. 3.D	1 Ea	
Vent-A-Hood/30"/Recirc./Replace. Replace existing vent-a-hood with new kitchen vent-a-hood (recirc.)/30".	sting vent-a-hood with new	kitchen vent-a-		
Carpentry		1		
3 Area: KITCHEN		Div.# 6.02	2 LF	
Base & upper cabinets /Remove. Remove base cabinet(s) at specified location(s). Remove base cabinet and oven cabinet from floor to ceiling so new base and uppers can run to end of wall. Make any repairs needed to wall and ceiling	se cabinet(s) at specified loc oor to ceiling so new base a wall and ceiling	cation(s). and uppers can		

Trade Work Description / Comments	ents Gen. Spec.	Qty Unit	Item Bid
Carpentry			
4 Area: KITCHEN	<i>Div.</i> # 6.0.1	20 LF	
Base Kitchen Cabinets/Replace/ Prefinished Oak. Replace Base Cabinets, Includes, door and drawer pulls.	eplace Base Cabinets, Includes, door		
Remove Cook top stove and leave 30" opening for a free standing oven/stove. Let cabinet run to end wall where oven cabinet was removed.	free standing oven/stove. Let oved.		
5 Area: INTERIOR	Div.# 6.N	250 LF	
Base Trim/Pine, K- Pattern 2-1/4" Solid/ Stain Grade /Replace. Replace base trim, K-Trim, solid pine,2-1/4". Stain & Finish.	/Replace. Replace base trim, K-		
Everywhere new floors are installed			
6 Area: BATHROOM #2	Div.# 6.Z.	7 LF	
Closet Shelf Wood. Install new wood closet shelf 5 shelves 16" apart. Work shall include bracing and paint (prime and two coats).	shelves 16" apart. Work shall		
In opening where Cabinet was removed and stub wall is built	Il is built		
7 Area: KITCHEN	Div.# 6.0.4.	20 LF	
Countertop/New/Post Form Top. Install new countertop and backsplash.	top and backsplash.		
8 Area: BATHROOM #1	Div.# 16.B.	1 Ea	
Door Opening/Widen/Interior/Bathroom/Widen/Install new door/ pre-hung. Work shall include new door, framing, lockset, floor transition, paint and trim.	Il new door/ pre-hung. Work shall aint and trim.		
Widen to a 32" door. Use a 6 panel door includes mo	includes moving switch if necessary		
9 Area: BATHROOM #2	Div.# 16.B.	1 Ea	
Door Opening/Widen/Interior/Bathroom/Widen/Install new door/ pre-hung. Work shall include new door, framing, lockset, floor transition, paint and trim. Widen to a 32" door. Use a 6 panel door Includes moveing switch if necessary	Viden/Install new door/ pre-hung. Work shall ransition, paint and trim.		
Print Date: Tuesday, August 6, 2024	472703 E 810 rd Stilwell, OK 7-4960		Page 2 of 7

Trade	Work Description / Comments	Gen. Spec.	Qty Unit	Item Bid
Carpentry				
10 Area: KITCHEN		Div.# 10.G	1 Ea	
Fire Extinguisher/Instal	Fire Extinguisher/Install. Install new fire extinguisher.			
11 Area: BATHROOM #2	И #2	Div.# 6.C.	3 LF	L
Interior Wall/Partition/2' (framing only).	Interior Wall/Partition/2"x 4"x 8'/ Build. Build 2" x 4" x 8' interior partition wall/ 16 " O.C. (framing only).	tition wall/ 16" O.C.		
Fram stub wall at end of new shower	if new shower			
12 Area: BATHROOM #2	И #2	Div.# 8.P	1 Ea	
Shower Curtain Rod/Re	Shower Curtain Rod/Replace. Replace curtain rod.			
13 Area: EXTERIOR		Div.# 15	196 SF	
Siding/T-111/Remove	Siding/T-111/Remove and replace old siding with new siding /T-111,vapor wrap and trim.	1, vapor wrap and trim.		
On back side of house replace lap siding	replace lap siding with T-111 and paint. Match surrounding siding	tch surrounding siding		
14 Area: BATHROOM #1	N #1	Div.# 6.D.	32 SF	
Subfloor/ Remove the	Subfloor/ Remove the existing flooring. Replace subfloor with new 3/4" smooth plywood.	3/4" smooth plywood.		
Toilet and tub area				
15 Area: BEDROOM #1	#1	Div.# 6.D.	186 SF	
Subfloor/ Remove the	Subfloor/ Remove the existing flooring. Replace subfloor with new 3/4" smooth plywood.	3/4" smooth plywood.		
Includes closit				
16 Area: BEDROOM #3	#3	Div.# 6.D.	32 SF	
Subfloor/ Remove the	Subfloor/ Remove the existing flooring. Replace subfloor with new 3/4" smooth plywood.	3/4" smooth plywood.		
17 Area: KITCHEN		Div.# 6.D.	32 SF	
Subfloor/ Remove the	Subfloor/ Remove the existing flooring. Replace subfloor with new 3/4" smooth plywood.	3/4" smooth plywood.		

Print Date: Tuesday, August 6, 2024

Trade Work Descr	Work Description / Comments	Gen. Spec.	Qty Unit	Item Bid
Carpentry				
18 Area: BATHROOM #2		Div.# 10.E.	2 Ea	
Towel Bar/Replace. Replace exising towell bar with new towel bar. Match existing size or as specified in Comments below.	towell bar with new towel bar. Mai	tch existing size		
19 Area: KITCHEN		Div.# 6.0.2	24 LF	
Wall Hung Cabinets/Replace/Pre-Finished pre-finished oak cabinet(s).	shed Oak. Replace wall hung cabinet(s) with new	inet(s) with new		
Make cabinet above icebox a 36" and let cabinet run on to end of wall where oven cabint was removed	l let cabinet run on to end of wall w	there oven cabint		
Drywall & Finish				
20 Area: BATHROOM #2		Div.# 9.D	128 SF	
Drywall/Moisture Resistant/Replace. Replace existing drywall with new moisture resistant drywall- 1/2". Interior Drywall or written approved equal.	Replace existing drywall with new II or written approved equal.	moisture		
otab wall and alound shower. Fillish t	to match exsisting			
21 Area: KITCHEN		Div.# 9.D.1	34 SF	
rationally wall Nemove Faneling from wall. Remove Furdowns around upper cabinets ceilings	wall. inets and leave off. Make any repairs to walls and	airs to walls and		
Electrical				
22 Area: HALLWAY #1		<i>Div.</i> # 13.D. 11	1 Ea	
Carbon Monoxide Detector/Direct Plug Type/Install. Install a new direct plug type carbon monoxide detector.	g Type/Install. Install a new direct	plug type carbon		

Trade Work Description / Comments Gen. Spec.	Qty Unit	Item Bid
Electrical		
23 <i>Area:</i> INTERIOR <i>Div.</i> # 13.D. 11	5 Ea	
Smoke Detector/Battery Operated/Install new smoke detector, battery operated (10 year lithium battery). All bedrooms and hallways adjacent to bedrooms. Use Firex #4015 or written approved equal.]
Flooring		
24 <i>Area</i> : BATHROOM #1	40 SF	
Flooring/ Install vinyl/flooring planks. Install Click Lock Waterproof vinyl Planks., with 25 Year Residential Warranty.		
Remove old nooring and install new		
25 <i>Area</i> : BATHROOM #2	50 SF	
Flooring/ Install vinyl/flooring planks. Install Click Lock Waterproof vinyl Planks., with 25 Year Residential Warranty.		
26 Area: BEDROOM #1 Div.# 9.L	186 SF	
Flooring/ Install vinyl/flooring planks. Install Click Lock Waterproof vinyl Planks., with 25 Year Residential Warranty.		
Includes closit		
27 Area: BEDROOM #3 Div.# 9.L	132 SF	
Flooring/ Install vinyl/flooring planks. Install Click Lock Waterproof vinyl Planks., with 25 Year Residential Warranty.		
Remove carpet and install new floor		

28 Area: KITCHEN Div.# 9.L Flooring/ Install vinyl/flooring planks. Install Click Lock Waterproof vinyl Planks., with 25 Year Residential Warranty. Remove old flooring and install new Paint & Finish 29 Area: BATHROOM #2	Div.# 9.L vinyl Planks., with 25		
28 Area: KITCHEN Flooring/ Install vinyl/flooring planks. Install Click Lock Waterproof v Year Residential Warranty. Remove old flooring and install new Paint & Finish 29 Area: BATHROOM #2	Div.# 9.L vinyl Planks., with 25		
Flooring/ Install vinyl/flooring planks. Install Click Lock Waterproof v Year Residential Warranty. Remove old flooring and install new Paint & Finish 29 Area: BATHROOM #2	vinyl Planks., with 25	180 SF	
Remove old flooring and install new Paint & Finish 29 Area: BATHROOM #2			
	Div.# 9.N.3	300 SF	
Paint Interior /Ceilings, Walls, & Trim /Paint Two coats, . Work shall include minor repairs to surfaces. SF=ACTUAL SURFACE AREA OF WALLS & CEILING. Paint entire bathroom	<u>E</u>		
Plumbing			
30 Area: BATHROOM #2	Div.# 11.A	1 Ea	
Bathtub/Shower/Demolition. Remove bathtub/shower.			
Includes Cabinet at end of tub/shower			
31 Area: BATHROOM #1	Div.# 16.C.	1 Ea	
Commode/High Rise/Handicap /Replace commode with new high rise/Handicap commode with Seat & two (2) grab bars. include new shutoff, supply line and wax ring. Examine condition of the flange and report if damaged. Consult owner for location of grab bars	se/Handicap bly line and wax ring. her for location of		
32 Area: BATHROOM #2	Div.# 16.C.	1Ea	
Commode/High Rise/Handicap /Replace commode with new high rise/Handicap commode with Seat & two (2) grab bars. include new shutoff, supply line and wax ring. Examine condition of the flange and report if damaged. Consult owner for location of grab bars	se/Handicap Ily line and wax ring. Ier for location of		

for conducting safe work practices that comply with OSHA Construction Standards for Asbestos compliance with the more stringent requirement. Contractor awarded the job will be responsible Workers. Asbestos report, where required, will be attached if areas tested are 1% or greater. See Based Paint requirements when applicable. Conflicts between requirements will be resolved by installation procedures, good quality workmanship practices, General Specifications and Leadattached Asbestos Sampling Report for location and testing of Planned Work Activities. All construction shall be in accordance with local codes, manufacturers' recommended

Page 7 of 7

This Space Reserved for Filing Stamp

(ORDER BY NUMBER)

WARRANTY L

Know All Men by These Presents:	FILED
That Homer Hignite and Faye Hignite, husband	ADAIR COUNTY, STILWELL, OKLA.
and Wife	AUG 1 2 1976
	HOUR P. MINUTE
of Route 3, Stilwell, Adair County,	TOM SHELL, County Clerk
State of Oklahoma , part ies of the	first part, in consideration of the
sum of ONE	
in hand paid, the receipt of which is hereby acknowledged, does	hereby Grant, Bargain, Sell and
Convey unto Bobby D. Collins and Reba Collins, husband	
as joint tenants and not as tenants in common with full rights of	survivorship, the whole estate to
vest in the survivor in the event of the death of either, of Rt. 3,	Stilwell, Adair County,
State of Oklahoma , parties of the second	d part, the following described real
property and premises situate in Adair Coun	aty, State of Oklahoma
to-wit: That portion of the W½ SE¼ SU¼ SE¼ of Section 2 ast, described as follows: Beginning at the SE corner of 89°44'20"W., 160.00 feet; thence N. 2°25'10"E., 313.30 46.00 feet; thence S.0°09'08"E., 313.00 feet to the true	f W\2 SE\4 SW\4 SE\4, thence
The state of the s	

together with all the improvements thereon and the appurtenances thereunto belonging, and warrant the title to the same.

TO HAVE AND TO HOLD said described premises unto the said parties of the second part, as joint tenants, and to the heirs and assigns of the survivor, forever, free, clear and discharged of and from all former grants, charges, taxes, judgments, mortgages and other liens and incumbrances of whatsoever nature.

Signed and delivered this_	7	A amer	Hyprite Hignite	
		\	1	
STATE OF OKLAHOMA COUNTY OF ADAIR	SS:	and County and St	INDIVIDUAL ACKNOW Oklahoma For	m
August 1 19 76			and Faye Hignite,	day of
to me known to be the identical per that they executed the same as the Given under my hand and seal the My commission expires Februar	<u>neir free</u> and voluntary ne day and year last abov	y act and deed for th	he uses and purposes ther	

Book 0606 Pg 576 1-2023-000880 03/28/2023 11:49am Pg 0576-0578 Fee: \$22.00 Doc: \$0.00 Cathy Harrison - Adair County Clerk State of OK

AFFIDAVIT OF TRANSFER ON DEATH DEED

STATE OF OKLAHOMA COUNTY OF ADAIR SS

My Compassion Exercises

TIMOF OKLAHAM

Now on this 24th day of March, 2023, I, Reba Collins, of lawful age, being duly sworn, state as follows:

On the 21st day of December, 2022, there was conveyed by deed Dennis J. Daniels and Reba Collins as beneficiaries the following described real property situated in Adair County, Oklahoma, to-wit:

The SE1/4 fo SE1/4 of NE1/4 of Section 32, Township 15 North, Range 26 East, Adair County, State of Oklahoma, LESS AND EXCEPT THE FOLLOWING:

Beginning at the SE Corner of the SE1/4 fo SE1/4 of NE1/4 of Section 32, Township 15 North, Range 26 East, thence North 417 Feet, thence West 208.75 feet, thence South 417 Feet, thence East 208.75 feet to the point of beginning,

Beginning at the NW Corner of the SE1/4 fo SE1/4 of NE1/4 of Section 32, Township 15 North, Range 26 East, thence East 417 feet, thence South 208.75 feet, thence West 417 feet, thence North 208.75 feet to the point of beginning,

which deed was recorded in the records of the County Clerk of Adair County, Oklahoma, in Book 603, Page 836.

There is attached hereto a certified copy of the death certificate of Juanita Green, issued by the Department of Health for the State of Oklahoma, showing that the deceased Transfer on Death Deed owner died on the 23rd day of February, 2023.

Affiant further states that she is a surviving transferee in the above described property, and that the decedent named in the certificate of death is one and the same person as the owner named in the deed recorded as above set forth.

Affiant further states that on the date of deceased owner's death the two were mother and daughter to each other and that affiant is the surviving issue and not married to the same.

Reba Collins, Affiant

Affidavit of Surviving Joint Tenant

Subscriber affers worn to before me this 24th day of March, 2023.

NOTARY PUBLIC Notary Public Comm. No.

Acknowledgment

On this 23rd day of March, 2023, before me, the undersigned, a Notary Public in and for said County and State, personally appeared Reba Collins, to me known to be the identical person who subscribed her name to the foregoing instrument and acknowledged to me that she executed the same as her free and voluntary act and deed and for the uses and purposes therein set forth.

Notary Public Comm. No



HACN HOUSING REHAB SITE DIRECTIONS

Name: Reba Collins

Telephone: (918) 575-2839

Address:

472703 E 810 rd

Stilwell, OK 74960

County: Adair

Year Built: 1975

GPS Coordinates: <u>35.84141,-94.60050</u> Drive Time: <u>40min</u>

4-Bedroom



Directions: From Cherokee Nation, From Ok-51 & Us-59 in Stilwell turn left on 59 N go 0.3 mi turn right on E 810 rd go 1.8 mi house is on the left

Maurice Gifford 918-506-9860

Cost Estimator/Inspector

8/2/24

Date

APPENDIX B.

LABORATORY RESULTS &
CHAIN OF CUSTODY



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 373323 Client: Cherokee Nation Environmental Programs

Account Number: C162 Logan Girty PO Box 948

Date Received: 10/14/2024 Tahlequah, OK 74464

Received By: Baylie Longstreth

Date Analyzed:10/16/2024Project:Reba CollinsAnalyzed By:Cassie SanbornProject Location:StilwellMethodology:EPA/600/R-93/116Project Number:N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	01-01	Homogeneous	Tan Sheet Vinyl	Asbestos Not Present	Glass Fiber 5	5 CaCO3 Foam Vinyl
002	02-01	Homogeneous	White Texture	Asbestos Present Chrysotile 4	NA	CaCO3 Foam Paint
003	02-02	Homogeneous	White Texture	Asbestos Present Chrysotile 4	NA	CaCO3 Foam Paint
004	02-03	Homogeneous	White Texture	Asbestos Present Chrysotile 4	NA	CaCO3 Foam Paint
005	03-01	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
006	03-02	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Foam Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 373323 Client: Cherokee Nation Environmental Programs

Account Number: C162 Logan Girty PO Box 948

Date Received: 10/14/2024 Tahlequah, OK 74464

Received By: Baylie Longstreth

Date Analyzed: 10/16/2024 Project: Reba Collins

Analyzed By: Cassie Sanborn Project Location: Stilwell

Methodology: EPA/600/R-93/116 Project Number: N/A

QuanTEM Client Color / Non-Asbestos Non Fibrous Fiber (%) Sample ID Sample ID Composition Description Asbestos (%) 007 White 03-03 Homogeneous Asbestos Not Present NA CaCO3 Foam Texture Paint

Cassie Sanborn, Laboratory Analyst

Date of Report



ASBESTOS CHAIN OF CUSTODY

Page 1 of 1

For Lab Use Only

Lab No.

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Legal Document - Please Print Legibly

									,
	Ö	Contact Information				Pre	Project Information	Report	Report Results (☑ one box)
ပိ	Company: Cherokee Nation Environmental Programs	onmental Programs	Phone: (918	(918) 453-6140	Project Name:	Reba (Reba Collins	ō	QuanTEM Website
8	Contact: Logan Girty		Cell Phone: (918	(918) 772-8346	Project Location: StilWell	Stilwel		<u></u>	Email logan-girty@cherokee.org
A	Account #: C 162		E-mail: logan-girty	E-mail: logan-girty@cherokee.org	Project ID:			Б П	Other
S	SAMPLED BY: Name: Logan Girty	>	Date: 10/1/2024	024	P.O. Number:	874586~	187558 4		
	RELINQUIA HED BY	BY	DATE & TIME		VIA		RECEIVED BY		DATE & TIME
	Mrcan E. 121		10/1/2024		FedEx	8	A	11	10/14/24 9:00
	7 82		2 Pm						1
			REQUESTED S	REQUESTED SERVICES (Please 🖾 the Appropriate Boxes)	ase 🛭 the Ap	propri	ate Boxes)		
	PLM	PLM		TEM	1		TEM	T	TURNAROUND TIME
	Bulk Analysis (EPA 600/R-93/116)	Vermiculite Attic Insulation	ulation] Air- AHERA			Bulk- Presence / Absence EPA600/R-93/116		☐ Rush
Ш	400 Point Count	CEPA 600/k-04/004)] Air-NIOSH 7402	61		Bulk- Quantitative [weight%]- Chatfield	Ш	☐ Same Day
Ц	1000 Point Count			Air- ISO 10312			Dust- Presence / Absence		7 24 - Hour

3 - Day

Dust- Quantitative [fibers/sq.cm]- ASTM D5755

Drinking Water- EPA 100.2

PCM

Gravimetric Preparation

			The second secon			
	Particle ID		NIOSH 7400	Waste Water- EPA 600/4-83-043	Other	[
No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
-	01-01	$\overline{\Sigma}$	Tan	Roll Sheet Vinyl Floor		Bath 1
2	02-01	$\overline{\Sigma}$	White	Drywall Ceiling Texture		Living, Landry, Kitchen, Bath, BR1
8	02-02	$\overline{\Sigma}$	White	Drywall Ceiling Texture		Living, Landry, Kitchen, Bath, BR1
4	02-03	\sum	White	Drywall Ceiling Texture		Living, Landry, Kitchen, Bath, BR1
2	03-01	>	White	Drywall Ceiling Texture		Master Bed & Bath
9	03-02	>	White	Drywall Ceiling Texture		Master Bed & Bath
7	03-03	>	White	Drywall Ceiling Texture		Master Bed & Bath
∞						
6						
10						

SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup" Please Note - UPS and USPS are NOT available for Saturday Delivery