MISSISSIPPI ASBESTOS DEMOLITION/RENOVATION NOTIFICATION FORM

Mail notification to: MDEQ Asbestos and Lead Branch, 515 E. Amite Street, Jackson, MS 39201

MDEQ Use Only: Postmark (mail Semail Mail Hand Delivery	i only)	Date Re 0	ceived 5/07/2025	Al Number		
I. Type of Notification (O=Original R=Revised C=Canceled A= Annual): O						
II. TYPE OF OPERATION (D=Demo O= Ordered Demo R=Ren	ovation E=Emer. Rei	novation):	D (ACM Rer	moval ONLY)		
III. FACILITY DESCRIPTION (Include building name, number an	nd floor or room numb	er):				
Bldg. Name: Vacant Houses						
Address: 414/502 Barnes Street 414 and 50	2 Barnes Stree	t				
_{City} : Tupelo	State: MS		_{Zip} : 38801			
Site Location: Exterior Siding			Tel: 662-321-917	/3		
Building Size: Appx 1,000 Sq Ft	# of Floors: 1		Age in Years: Appx	50+		
Present Use: Vacant	Prior Use: Renta	I Home				
IV. FACILITY INFORMATION (Identify owner, asbestos removal	contractor, and other	operator)				
OWNER NAME: Neighborhood Development Corporat	tion	_				
Address: P.O. Box 782						
City: Tupelo	State: MS		Zip: 38802			
Contact: Duke Loden			Tel: 662-321-9	173		
ASBESTOS REMOVAL CONTRACTOR: Ed Clay - EAC EI	nvironmental					
Address: 4546 Cal-Steens Road						
_{City:} Caledonia	_{State:} MS		_{Zip:} 39740			
Contact: Edward Clay			Tel: 662-386-6386			
Certification Number: ABC-00005192		Expiratio	n Date: 11-04-25			
OTHER OPERATOR: TBD						
Address:						
City:	State:		Zip:			
Contact:			Tel:			
V. WAS SITE INSPECTED TO DETERMINE PRESENCE OF A	SBESTOS? (Yes/No): YES				
WAS ASBESTOS PRESENT? (Yes/No): Yes		Inspec	tion Date: 04-21-2	25		
Inspector: Edward Clay Certification	Number ABI-00006	706	Expiration	Date: 05-10-25		
VI. SUSPECT MATERIALS SAMPLED AND PROCEDURES U	ISED TO DETECT TH	E PRESE	NCE OF ASBESTO	S :		
Exterior Siding,Roof shingle, Flooring, Drywall and s	Surfacility, Analyze	u by P Li	See rep	port		
VII. QUANTITY OF RACM TO BE REMOVED:						
Pipes (LN FT): Surface Area (S0	Q FT): Appx 1,000 -t	ransite sid	ing Volume	e of Facility Components (CU FT):		
VIII. QUANTITY OF NONFRIABLE ASBESTOS NOT REMOVE	D:					
Category I:	Cat	egory II:				
IX. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 05-21-25		Complet	e: 05-22-25		
X. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) St			Comple	te: TBD		

XI. DESCRIPTION OF PLANNED DEMOLITION OR RENOVAT						
Exterior Transite Siding will be removed and th						
XII. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE:						
Wet Method Removal, Double Bag ACM in 6	mil poly					
XIII. WASTE TRANSPORTER #1						
Name: EAC Environmental						
Address: 4564 Cal Steens RD						
_{City:} Caledonia	_{State:} MS		zip: 39740			
Contact Person: Ed Clay			Tel: 662-386-6386			
WASTE TRANSPORTER #2						
Name: Waste Pro						
Address: 1600 S 12th ST						
City: Columbus	State: MS		Zip: 39701			
Contact Person: RuthAnn Farris			Tel:			
XIV. WASTE DISPOSAL SITE:						
_{Name:} RoBo Landfill						
Address: 6447 Wahalak Road						
_{City:} Scooba	State: MS		Zip: 39358			
Contact Person: Roland Edmonds			Tel: 662-798-4795			
XV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENC	Y, PLEASE IDEN	TIFY THE AG	GENCY BELOW:			
Name:		Title:				
Authority:						
Date of Order (MM/DD/YY):	Dat	e Ordered to	Begin (MM/DD/YY):			
XVI. FOR EMERGENCY RENOVATIONS:			•			
Date and Hour of Emergency (MM/DD/YY):						
Description of the sudden unexpected event: Cease Removal, contain material, notify owner and MDEC	2					
Explanation of how the event caused unsate conditions or would	cause equipment c	lamage or an	n unreasonable financial burden:			
XVII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN NONFRIABLE ASTESTOS MATERIAL BECOMES CRUMBLE	N THE EVENT TH, D, PULVERIZED,	AT UNEXPE OR REDUC	CTED ASBESTOS IS FOUND OR PREVIOUSLY			
Contain material, notify owner, and MDEQ						
XVIII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PR	OVISIONS OF TH	IS REGULA	TION (40 CFR PART 61, SUBPART M) WILL BE			
ONSITE DURING THE DEMOLITION OR RENOVATION, AND THIS PERSON WILL BE AVAILABLE FOR INSPECTION DUR	EVIDENCE THAT	THE REOL	IRED TRAINING HAS BEEN ACCOMPLICATED D	r		
Barbara B Vanlandingham	BBVa	his	05-07-25			
Type or Print Name	(Signature of Owner	(Operator)	(Date)	-		
XIX. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT Barbara B Vaplandingham	BRU .	A				
Barbara B Vanlandingham	Salar		05-07-25	-		
	(Signature of Owner	(Operator)	(Date)			



Asbestos Containing Material Survey



732 North Church

414 Barnes

502 Barnes

Three Houses Located At 732 North Church Street 414 & 502 Barnes Street

Tupelo, MS

April 24, 2025

Edward A. Clay 662-386-6386 BB Vanlandingham 662-549-1777 EACEnvironmental@gmail.com



April 24, 2025

Dear Ms. Ford,

EAC Environmental is pleased to submit the Asbestos Containing Building Material Surveys conducted on behalf of three vacant houses located at 732 North Church Street, 414 and 502 Barnes Street, Tupelo, Mississippi.

Suspect asbestos-containing material samples were taken Monday, April 21, 2025, and delivered by FedEx Priority Overnight to CA Labs, Baton Rouge, Louisiana. These samples were analyzed using Polarized Light Microscopy (PLM).

- 1) 732 Church ST. 18% Chrysotile Asbestosin in exterior transite siding and 4% in bathroom VCT
- 2) 414 Barnes Exterior Shingles Contain 16% Chrysotile Asbestos
- 3) 502 Barnes Exterior Shingles contain 16% Chrysotile Abestos

In accordance with State Regulations, ACM will require removal by an MDEQ Licensed Asbestos Contractor and properly disposed of in a National Emission Standards for Hazardous Air Pollutants (NESHAP) Approved Landfill.

Should you have any questions concerning this report or if we may be of any further assistance, please do not hesitate to contact us.

We appreciate the opportunity to be of service to you on this project.

Respectfully Submitted,

Barbara B. Vanlandingham

Edward A. Clay 662-386-6386 BB Vanlandingham 662-549-1777 EACEnvironmental@gmail.com

Dedicated to Quality **CA Labs, L.L.C.** 12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

EAC Environmental

4546 Calsteens Rd Caledonia, MS 39740
 Attn:
 Edward Clay

 Customer Project:
 732 Church St. Tupelo Lynda Ford, Duke Loden

 Reference #:
 CBR25043012
 Date:
 4/23/2025

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated of asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found be PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines .Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

Dedicated to Quality **CA Labs, L.L.C.** 12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Proj	ect:	732 Church St. Tupelo Lynda F	ord, Duke Loden	CA Labs Project #: CBR25043012
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
2	<mark>2-1</mark>	White Surfaced Gray Transite	18% Chrysotile	White Surfaced Gray Transite Tan Floor Tile
5	<mark>5-1</mark>	Tan Floor Tile	4% Chrysotile	_

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate gypsum - gypsum bi - binder or - organic ma - matrix mi - mica ve - vermiculite ot - other pe - perlite qu - quartz

sy - synthetic ce - cellulose br - brucite ka - kaolin (clay)

fg - fiberglass

ta - talc

mw - mineral wool

wo - wollastinite

pa - palygorskite (clay)

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AIHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

Dedicated to Quality

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer EAC Envi 4546 Calst	i ronme eens Ro	e ntal d	Edward Clay	732 Chu	ier Project: urch St. Tupelo Lynda uke Loden	CA Labs Project #: CBR25043012	
Caledonia,			8	Turnaro	ound Time: 24 hr	Date: Samples Received:	4/23/2025 4/23/2025
Phone # Fax #		386-638 356-002				Date Of Sampling: Purchase Order #:	
Sample #	Com ment	Layer #		Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
1		1-1	Black Shingle with Black Gravel	Y	None Detected	10% fg	90% qu,b i
2		<mark>2-1</mark>	White Surfaced Gray Transite	N	18% Chrysotile		82% bi, qu, ca
3		3-1	Brown Surfacing	Ŷ	None Detected		100% qu, ca, bi
		<i>3-2</i>	Brown Ceiling Tile	Ŷ	None Detected	100% ce	
							3
4		4-1	Gray Self-Adhesive Floor Tile	Y	None Detected		100% qu, ma
5		5-1	Tan Floor Tile	Ŷ	4% Chrysotile		96% qu, ca, ma

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

identification of asbestos types by dispersion attaining / becke line method mi - mica fg - fiberglass ce - cellulose ca - carbonate gypsum - gypsum ve - vermiculite br - brucite

bi - binder or - organic ma - matrix

ot -other pe - perlite ou - quartz mw - mineral wool wo - wollastinite ta - talc sy - synthetic

Approved Signatories:

Chris alle

Chris Williams Analyst

aquin story Senior Analyst

Alicia Stretz

Laboratory Director Chris Williams

1. Fire Damage significant liber damage - reported percentages reflect unaltered libers

 2. Fire Damage no significant fiber damages effecting fibrous percentages
 3. Actinolite in association with Vermiculite
 4. Layer not analyzed - attached to previous positive layer and contamination is suspected 5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc 7. Contamination suspected from other building materials 8. Favorable scenario for water separation on vermiculite for possible analysis by another method 9. < 1% Result point counted positive

ka - kaolin (clay)

pa - palygorskite (clay)

10. TEM analysis suggested

C.A. Labs, LLC. 12232 Industriplex Suite 32 Baton Rouge, LA 70809

Phone: 225-751-5632 Fax: 225-751-5634 Mobile: 225-993-3471

Chain of Custody

Client Name: <u>EAC Environmental</u> Client Address: <u>4546 Cal-Steens Road</u> <u>Caledonia, MS 39740</u>

Phone number: <u>662-336-6386</u> Fax number: <u>662-356-0025</u> Contact: <u>Edward Clay</u>

CA Labsjob# CBR 25043012

Billing Address (if different): N/A

Send Reports to: <u>eacenvironmental@gmail.com</u>
Project Name: <u>T32 CI40 RCH ST T0 pE10</u>
Reports Results
VIA: EMAIL_X_FAX_____VERBAL_____

 Total # Samples Submitted:
 Total # Samples to be Analyzed:
 Material Matrix:

 5
 5
 Air / Bulk / Water

Aspestos:

please call ahead for availability of all rush and/or after hours samples.

TEM		TA Time	PLN		TA Time	Optical / IAQ	TA Time
Grele analysis and TA	time		Gitte analysis and TA	bime	2 hour	Allergen Particle:	2 hour
AHERA		4 hour	Improved	L.	4 hour	tape/bulk/swab	4 hour
EPA Level II I	Drinking	8 hour	Interim	ź	3 hour	Cyclex-d cassettes Air-	8 hour
Water Wipe		16 hour	1	1	l6 hour	o-cell cassettes	16 hour
Micro-vac		24 hour	AHERA	Ē	4 hour	Anderson cultures	24 hour
NIOSH 7402	¢.	2 days		2	days	Bulk/swab cultures	2 days
Chatfield Bul	k	3 days	Point Count -	3	days	Bacteria cultures	3 days
		5 days	(NESHAPS)	5	days	PCM: NIOSH 7400	5-10 days
ead:	Circle caniysi	soud TAxine					
Matrix:	Pain	t Chips	Šoil	Air	Wipe	s Wastewater	TCLP
TA Time:	8.	hour	1 day	2 days	3 day	s 5 days	6-10 days

SAMPLE #

SAMPLE LOCATION

1	1 Root
2	SIDING
3	CEILING
4	KATCHEN FLOOR BATHROOM FLOOR
5	BATHROOM FLOCK
6	
7	
8	
9	
10	

Samples received:

Custody Information: Samples relinquished:

04-21-25 Signature / Date / Time

Samples received: 10:15 23125 Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Signature / Date / Time



Dedicated to Quality

CA Labs, L.L.C. 12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

EAC Environmental

4546 Calsteens Rd Caledonia, MS 39740 Attn: Edward Clay

Customer Project: 414 Barnes-Tupelo Lynda Ford-Duke Loden Reference #: CBR25043010

Date: 4/23/2025

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated of asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

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Dedicated to Quality **CA Labs, L.L.C.** 12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634

NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project:		414 Barnes-Tupelo Lynda Ford	-Duke Loden	CA Labs Project #:	CBR25043010	
		Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types		
2	2-1	White Surfaced Gray Transite	16% Chrysotile	White Su	rfaced Gray Transite	

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate gypsum - gypsum bi - binder or - organic ma - matrix mi - mica ve - vermiculite ot - other

pe - perlite qu - quartz

fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AIHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

CA Labs, L.L.C.

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer EAC Envi 4546 Calste	ronme eens Ro	ntal	Edward Clay	414 Bar	n er Project: nes-Tupelo Lynda ike Loden	CA Labs Project #: CBR25043010	
Caledonia,	MS 397	740				Date:	4/23/2025
				Turnard	ound Time: 24 hr	Samples Received:	4/23/2025
Phone #	662-3	86-638	36			Date Of Sampling:	
Fax #	662-3	56-002	25			Purchase Order #:	
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
1		1-1	Black Shingle with Gray Gravel	Ŷ	None Detected	10% fg	90% qu, bi
		1-2	Black Shingle with Black Gravel	Y	None Detected	10% fg	90% qu, bi
2		2-1	White Surfaced Gray Transite	N	16% Chrysotile		84% bi, qu, ca
3		3-1	Brown Flooring	Ŷ	None Detected		100% qu, ma, ot
4		4-1	Tan Surfacing	Y	None Detected		100% qu, bi
		4-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
5		5-1	Tan Surfacing	Ŷ	None Detected		100% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

identification of asbestos types by dispersion attaining / becke line method. ca - carbonate mi - mica fg - fiberglass ce - cellulose

gypsum - gypsum bi - binder or - organic ma - matrix

ve - vermiculite ot -other pe - perlite qu - quartz

fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic

i attaining / becke internetiod. ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

Chris and

Chris Williams Analyst

Senior Analyst Alicia Stretz

alin Star

Laboratory Director Chris Williams

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method

Fire Damage significant fiber damage - reported percentages reflect unalitered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages
 Actinofite in association with Vermicultie
 Laver not analyzed - attached to previous positive laver and contamination is suspected

9. < 1% Result point counted positive 10. TEM analysis suggested

4. Layer not analyzed - attached to previous positive layer and contamination is suspected 5. Not enough sample to analyze

CA Labs, L.L.C. **CA Labs**

Dedicated to Quality

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer EAC Env 4546 Calst	ironme	ental	: Edward Clay	414 Bar	ler Project: nes-Tupelo Lynda ike Loden	CA Labs Project #: CBR25043010	
Caledonia,	MS 39	740				Date:	4/23/2025
				Turnard	ound Time: 24 hr	Samples Received:	4/23/2025
Phone #	662-3	886-63	36			Date Of Sampling:	
Fax #	662-3	856-00	25			Purchase Order #:	
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		5-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
6		6-1	Tan Flooring	Ŷ	None Detected		100% qu, ma
-		6-2	Brown Sub Floor	Y	None Detected	90% ce	10% qu, ma

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

identification of asbestos types by dispersion attaining / becke line method. ca - carbonate mi - mica ce - cellulose

ve - vermiculite

bi - binder or - organic ma - matrix

1. Fire Damage significant liber damage - reported percentages reflect unaltered fibers 2. Fire Damage no significant fiber damages effecting fibrous percentages

gypsum - gypsum ot -other pe - perlite qu - quartz fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic

Approved Signatories:

Chris haven

Chris Williams Analyst

alin Start

Senior Analyst

Laboratory Director Chris Williams

Alicia Stretz 6 Anthophyllite in association with Fibrous Talc

br - brucite

ka - kaolin (clay)

pa - palygorskite (clay)

Contamination suspected from other building materials
 Favorable scenario for water separation on vermiculite for possible analysis by another method

9. < 1% Result point counted positive 10. TEM analysis suggested

3. Actinolite in association with Vermiculite 4. Layer not analyzed - attached to previous positive layer and contamination is suspected 5. Not enough sample to analyze

C.A. Labs, LLC. 12232 Industriplex Suite 32 Baton Rouge, LA 70809 Phone: 225-751-5632 Fax: 225-751-5634 Mobile: 225-993-3471

Chain of Custody

Client Name: <u>EAC Environmental</u> Client Address: <u>4546 Cal-Steens Road</u> <u>Caledonia, MS 39740</u> Phone number: <u>662-386-6336</u>

Fax number: <u>662-356-0025</u> Contact: <u>Edward Clay</u>

CA Labsjob# CBR 25043010

Billing Address (if different): N/A

Send Reports to: <u>eacenvironmental@gmail.com</u> Project Name: <u>4|4 BACKES - TU 2510</u> Reports Results Und & For p - Duice UPEN VIA: EMAIL X FAX _____VERBAL____

Total # Samples Submitted:	Total # Samples to be Analyzed:	Material Matrix:
1.	10	Air / Bulk / Water

Asbestos:

please call ahead for availability of all rush and/or after hours samples.

TEM		TATime	PLM	U	Time	10	Optical / IAQ	TA Time
Cacle analysis and TA	time		Citcle analysis and TA tic	= 2 h	7UF	Alle	rgen Particle:	2 ћошг
AHERA		4 hour	improved	4 h	our	tape	/bulk/swab	4 hour
EPA Level II I	Drinking	8 hour	Interim	8 ha	วยก	Cycle	ex-d cassettes Air-	8 hour
Water Wipe		16 hour		16.)	1017	0-02	l cassettes	16 hour
Micro-vac		24 hour	AHERA	241	. TUG	Ande	erson cultures	24 hour
NIOSH 7402	~	2 days	1	2 dz	nys	Bulk,	/swab cultures	2 days
Chatfield Bul	k	3 days	Point Count -	3 da	3 days	Bacteria cultures		3 days
		5 days	(NESHAPS)	5 da	ys	PCM	NIOSH 7480	5-10 days
ad:	Galecaniya	sand TAtime						
Matrix:	Pain	t Chips	Soil	Air	Wipe	s	Wastewater	TCLP
TA Time:	8	hour i	1 day	Z davs	3 day	5	5 days	6-10 days

SAMPLE#

SAMPLE LOCATION

1	Roof
2	Roof SIDING
3	FLOOR
4	CGUING
5	1 WEN
6	Kitchen Floore
7	
8	
9	· · ·
10	

Custody Information: Samples relinquished:

04-21-75 Signaturey Date / Time

Samples received:

Samples received:

Samples relinquished:

Signature / Date / Time

Signature / Date / Time

10:15

Dedicated to Quality **CA Labs, L.L.C.** 12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

EAC Environmental

4546 Calsteens Rd Caledonia, MS 39740 Attn: Edward Clay Customer Project: 502 Barnes St.-Tupelo Lynda Ford-Duke Loden

Reference #: CBR25043011

43011 Date: 4/23/2025

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated of asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found be PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines .Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Proje	ect:	502 Barnes StTupelo Lynda F	ord-Duke Loden	CA Labs Project #:	CBR25043011
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent		ected Building ial Types
2	2-1	White Surfaced Gray Transite	16% Chrysotile	White Su	rfaced Gray Transite

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate gypsum - gypsum bi - binder or - organic ma - matrix mi - mica ve - vermiculite ol - other pe - perlite qu - quartz

mw - mineral wool wo - wollastinite ta - talc sy - synthetic ce - cellulose br - brucite ka - kaolin (clay)

fg - fiberglass

pa - palygorskite (clay)

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AIHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

CA Labs, L.L.C.

Dedicated to Quality

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer EAC Env 4546 Calst	ironme eens Ro	ental d	Edward Clay	502 Bar	ner Project: nes StTupelo Lynda ike Loden	CA Labs Project #: CBR25043011	
Caledonia,	MS 397	740				Date:	4/23/2025
				Turnaro	ound Time: 24 hr	Samples Received	4/23/2025
Phone #		86-638				Date Of Sampling:	
Fax #		56-002				Purchase Order #:	
Sample #	Com	Layer		Homo-	A1	Non-asbestos fiber	Non-fibrous type
	ment	#	Subsample	geneo us (Y/N)	calibrated visual estimate percent	type / percent	/ percent
							N ₂
1		1-1	Black Shingle with Black Grave	I Y	None Detected	10% fg	90% qu, bi
2		2-1	White Surfaced Gray Transite	N	16% Chrysotile		84% bi, qu, ca
-							
3		3-1	Tan Self-Adhesive Floor Tile	Y	None Detected		100% qu, ma
		3-2	Brown Sub Floor	Y	None Detected	95% ce	5% qu, ma
4		4-1	White Textured Surfacing	Ŷ	None Detected		100% mi, bi, ma, ca
		4-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
5		5-1	Tan Flooring	Y	None Detected		100% qu, ma, ot
		Preparatio	Analysis Method: Interim (40CFR Part on Method: HCL acid washing for carbonate base identification of asbestos ca - carbonate mi - mica gypsum - gypsum ve - vermiculite bi - binder ot -other or - organic pe - perlite	ed samples, ch	nemical reduction for organically b ersion attaining / becke line metho ss ce - cellulose al wool br - brucite inite ka - kaolin (cla pa - palygorski	ound components, oil immersion od; y)	for roved Signatories:

bi - binder or - organic ma - matrix

Chris White-

qu - quartz

Chris Williams

Analyst

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages
 Actionitie in association with Vermiculite
 Layer not analyzed - attached to previous positive layer and contamination is suspected
 Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc
 7. Contamination suspected from other building materials
 8. Favorable scenario for water separation on vermiculite for possible analysis by another method
 9. < 1% Result point counted positive
 10. TEM analysis suggested

Laboratory Director

Chris Williams

aquin Stor

Senior Analyst

Alicia Stretz

sy - synthetic

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Polarized Light Asbestiform Materials Characterization

4546 Calst	i ronmental eens Rd	Customer Project: 502 Barnes StTupelo Lynda Ford-Duke Loden	CA Labs Project #: CBR25043011		
Caledonia,	MS 39740		Date:	4/23/2025	
Phone # Fax #	662-386-6386 662-356-0025	Turnaround Time: 24 hr	Samples Received: Date Of Sampling: Purchase Order #:	4/23/2025	
Sample #	Com Layer Analysts Physical Description of ment # Subsample	Homo- Asbestos type / geneo calibrated visual us estimate percent (Y/N)	Non-asbestos fiber type / percent	Non-fibrous type / percent	
6	6-1 White Drywall with Paper	N None Detected	10% ce	90% qu, gy	

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
identification of asbestos types by dispersion attaining / becke line method,
ca - carbonate mi - mica Ig - fiberglass ce - cellulose

gypsum - gypsum y bi - binder or or - organic p ma - matrix or

mi - mica we - vermiculite ot -other pe - perlite qu - quartz

1

fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

Chris With-

Chris Williams Analyst Senior Analyst

alim Start

Alicia Stretz

Laboratory Director Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unallered libers

2. Fire Damage no significant fiber damages effecting fibrous percentages 3. Actinolite in association with Vermiculite

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Contamination suspected from other building materials
 Favorable scenario for water separation on vermiculite for possible analysis by another method
 <1% Result point counted positive

6 Anthophyllite in association with Fibrous Talc

10. TEM analysis suggested

Contact: Edward Clay

C.A. Labs, LLC. 12232 Industriplex Suite 32 Baton Rouge, LA 70809 Phone: 225-751-5632 Fax: 225-751-5634 Mobile: 225-993-3471

Chain of Custody

Client Name: EAC Environmental Client Address: 4546 Cal-Steens Road Caledonia, MS 39740 Phone number: 662-386-6386 Fax number: 662-356-0025

CA Labsjob# CBR 5043011

Billing Address (if different): N/A

Send Reports to: eacenvironmental@gmail.com Project Name: 502 BARNES ST TUDEIC Lynds Ford. DUKE LODEN Reports Results VERBAL

VIA: EMAIL X FAX

Total # Samples Submitted:	Total # Samples to be Analyzed:	Material Matrix
6	6	Air /Bulk/ Water

Asbestos:

please call ahead for availability of all rush and/or after hours samples.

.

TEM		TATime	PLN	1	TA Time	0	ptical / IAQ	TA Time
Grde analysis and TA	time	1	Gicle auchsis and TA	ine	2 hour	Aller	gen Particle:	2 hour
AHERA 4 hour EPA Level II Drinking 8 hour		4 hour	linterim		4 hour	tape/bulk/swab		4 hour
		8 hour			8 hour		Cyclex-d cassettes Air-	
Water Wipe	~	16 hour			16 hour	o-cell	cassettes	16 hour
Micro-vac		24 hour	AHERA	¢	24 hour	Ande	rson cultures	24 hour
NIOSH 7402	F	2 days	200 200		2 days	Bulk/	swab cultures	2 days
Chatfield Bulk		3 days	Point Count -		3 days	Bacte	ria cultures	3 days
		5 days	(NESHAPS)		5 days	PCM:	NIOSH 7400	5-10 days
ad:	Carde cantos	s and TA time						
Matrix:	Pain	t Chips	Šoil	Air	Wipe	15	Wastewater	TCLP
TA Time:	8	hour	1 day	2 days	3 day	15	5 days	6-10 days

SAMPLE #

SAMPLE LOCATION

1	1 hoof		
2	haf sinin6		
3	Kitchen Floor	i	
4	CEILING		
5	BATHROOM GOOR		
6	wank	2	
7			
8			
9			
10			

Samples received:

Custody Information: Samples relinquished:

71-25 Signature / Date / Time

Samples received: 23125 10:15 Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Signature / Date / Time