MISSISSIPPI ASBESTOS DEMOLITION/RENOVATION NOTIFICATION FORM

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

MDEQ Use Only: Semail □Mail □Hand Delivery	il only)	Date Re	ceived AI Number 7/2025				
I. Type of Notification (O=Original R=Revised C=Canceled A= Annual): O							
II. TYPE OF OPERATION (D=Demo O= Ordered Demo R=Rer		novation):	D(ACM Removal Only)				
III. FACILITY DESCRIPTION (Include building name, number a							
Bldg, Name: Vacant House							
Address: 732 N Church Street	State: MS		_{Zip} : 38801				
<u>City: Tupelo</u> Site Location: Exterior Siding	olaic.		Tel: 662-321-9173				
Building Size: Appx 1,000 Sq Ft	# of Floors: 1		Age in Years: Appx 50+				
	Prior Use: Renta		Age in Years. Appx				
Present Use: Vacant							
IV. FACILITY INFORMATION (Identify owner, asbestos remova		operator)					
OWNER NAME: Neighborhood Development Corporat	tion						
Address: P.O. Box 782	I						
City: Tupelo	State: MS		Zip: 38802				
Contact: Duke Loden			_{Tel:} 662-321-9173				
ASBESTOS REMOVAL CONTRACTOR: Ed Clay - EAC E	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	<u></u>				
WAS ASBESTOS PRESENT? (Yes/No): Yes		Inspec	tion Date: 04-21-25				
Inspector: Edward Clay Certification	NumberABI-00006	706	Expiration Date: 05-10-25				
VI. SUSPECT MATERIALS SAMPLED AND PROCEDURES U	ISED TO DETECT TH	E PRESE	NCE OF ASBESTOS :				
Exterior Siding,Roof shingle, Flooring, Drywall and s			AA				
Extende Siding, 1001 Sinngle, 1100ning, Drywai and s	dinacing, Analyze		see report				
VII. QUANTITY OF RACM TO BE REMOVED: Surface Area (Si	Q FT): Appx 1,000 -ti	ansite \$id	ing				
Pipes (LN FT): Appx 20 SF floo	or tile		Volume of Facility Components (CU FT):				
VIII. QUANTITY OF NONFRIABLE ASBESTOS NOT REMOVE							
Category I:		egory II:					
IX. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY)	Start: 05-22-25		Complete: 05-22-25				
X. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) St	art: TBD		Complete: TBD				

XI. DESCRIPTION OF PLANNED DEMOLITION OR RENOVAT						
Exterior Transite Siding will be removed and the building demolished with heavy equipment						
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	3	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 IDENTIFY THE	AGENCY BELOW:				
Name:	Title:					
Authority:						
Date of Order (MM/DD/YY):	Date Ordered	d 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 damage o	r an unreasonable financial burden:				
XVII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN NONFRIABLE ASTESTOS MATERIAL BECOMES CRUMBLE	N THE EVENT THAT UNEX D, PULVERIZED, OR RED	PECTED ASBESTOS IS FOUND OR PREVIOUSLY UCED TO POWDER:				
Contain material, notify owner, and MDEQ						
XVIII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PR ONSITE DURING THE DEMOLITION OR RENOVATION, AND THIS PERSON WILL BE AVAILABLE FOR INSPECTION DUR	EVIDENCE THAT THE RE	OUIRED TRAINING HAS BEEN ACCOMPLISHED BY				
Barbara B Vanlandingham	BBValle	05-07-25				
Type or Print Name	(Signature of Owner/Operator)	(Date)				
XIX. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT	T QAL					
Barbara B Vanlandingham	Blanky	05-07-25				
Type or Print Name	(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 LodenReference #:CBR25043012Date: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 Project		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

ta - talc sy - synthetic ce - cellulose br - brucite

fg - fiberglass

mw - mineral wool

wo - wollastinite

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.

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 Calste	ironme	ental	Edward Clay	732 Chu	er Project: Irch St. Tupelo Lynda I <mark>ike Loden</mark>	CA Labs Project #: CBR25043012	
Caledonia,	MS 397	740				Date:	4/23/2025
				Turnaro	und Time: 24 hr	Samples Received:	4/23/2025
Phone #		886-638				Date Of Sampling:	
Fax #	662-3	356-002				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 Black Gravel	Ŷ	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	5	100% qu, ca, bi
		<i>3-2</i>	Brown Ceiling Tile	Ŷ	None Detected	100% ce	
							9
4		4-1	Gray Self-Adhesive Floor Tile	Y	None Detected		100% qu, ma
5		5-1	Tan Floor Tile	Y	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.

sy - synthelic

ca - carbonate mi - mica fg - fiberglass ce - cellulose br - brucite gypsum - gypsum ve - vermiculite mw - mineral wool ka - kaolin (clay) wo - wollastinite bi - binder ot -other pa - palygorskite (clay) pe - perlite qu - quartz ta - talc Approved Signatories:

or - organic ma - matrix

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

Chris Ulli-

Chris Williams Analyst

alin Start

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

6. Anthophyllite in association with Fibrous Talc

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

 Fire Damage no significant liber damages effecting librous percentages
 Actinolite in association with Vermiculite
 A Layer not analyzed - altached 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>652-385-6386</u>

Fax number: 662-356-0025

Contact: Edward Clay

CA Labsjob # CBR 25043012

Billing Address (if different): N/A

Send Reports to: <u>eacenvironmental@gmail.com</u>
Project Name: <u>T32 CHU RCH ST Tupelu</u>
Reports Results Uydh Ford Duke Lopen
VIA: EMAIL X_FAX____VERBAL____

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

 5
 5
 Air / Bulls / Water

Asbestos:

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

.

TEM	TA Time	PLM		TA Time	1 0	ptical / IAQ	TA Time
Gitle analysis and TA since		Giele analysis and TA bi	≈ 2	hour	Alle	gen Particle:	2 hour
AHERA	4 hour	limproved	4	hour	tape	/bulk/swab	4 hour
EPA Level II Drinki	ng 8 hour	Interim	8	hour	Cycle	ex-d cassettes Air-	8 hour
Water Wipe	16 hour	1	16	5.heur	o-cel	l cassettes	16 hour
Micro-vac	24 hour	AHERA	Æ	24 hour		Anderson cultures	
NIOSH 7402	2 days		2	days	Bulk/	swab cultures	2 days
Chatfield Bulk	3 days	Point Count -	34	3 days		Bacteria cultures 🚲	
	5 days	(NESHAPS)	5	days	PCM	NIOSH 7400	5-10 days
अर्थ: दर्जन्द	notisis and TA nime						
Matrix: P	aint Chips	Soil	Air	Wipe	25	Wastewater	TCLP
TA Time:	8 hour	1 day	Z days	3 day	ys	5 days	6-10 days

SAMPLE #

SAMPLE LOCATION

1	Roof
2	Roof SIDING (EILING KLICHEN FLOOR RATHROOM FLOOR
3	CENING
4	KLACHEN FLOOR
5	BATHROOM FLOOR
6	
7	
8	
9	· · · · · · · · · · · · · · · · · · ·
10	

Custody Information: Samples relinquished:

04-21-25 Signature / Date / Time

Samples received: 4/23/25 Signature / Date / Time

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

Reference #:

EAC Environmental

4546 Calsteens Rd Caledonia, MS 39740 Attn: Edward Clay

Customer Project: 414 Barnes-Tupelo Lynda Ford-Duke Loden 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
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 mī - mica ve - vermiculite ot - 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)

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

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	ironme eens Ro	ental d	Edward Clay	414 Bar	ter Project: nes-Tupelo Lynda ike Loden	CA Labs Project #: CBR25043010	
Caledonia,	MS 397	740				Date:	4/23/2025
Phone # Fax #		86-638 56-002		Turnard	ound Time: 24 hr	Samples Received: Date Of Sampling: Purchase Order #:	4/23/2025
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		<u>2-1</u>	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	Ŷ	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 ce - cellulose

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

1. Fire Damage significant liber damage - reported percentages reflect unaltered libers 2. Fire Damage no significant liber damages effecting librous percentages

ve - vermiculite ot -other pe - perlite gu - guartz

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

pa - palygorskite (clay) Approved Signatories:

Chris inthe

Chris Williams Analyst

Senior Analyst

alin Start

Alicia Stretz

Laboratory Director Chris Williams

6. Anthophyllite in association with Fibrous Talc 7. Contamination suspected from other building materials

Communication subjected from our or building internals
 Favorable scenario for water separation on verniculite for possible analysis by another method
 <1% Result point counted positive
 TEM analysis suggested

br - brucite ka - kaolin (clay)

A Actinolite in association with Vermiculite
 A Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

Dedicated to Quality

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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	er Project: nes-Tupelo Lynda ke Loden	CA Labs Project #: CBR25043010	
Caledonia,	MS 39	740				Date:	4/23/2025
				Turnarc	und Time: 24 hr	Samples Received:	4/23/2025
Phone #	662-3	386-63	36			Date Of Sampling:	
Fax #	662-3	356-00	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	Y	None Detected		100% qu, ma
		6-2	Brown Sub Floor	Ŷ	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.

mi - mica gypsum - gypsum ve - vermiculite

bi - binder or - organic ma - matrix

Fire Damage significant fiber damage - reported percentages reflect unaltered libers

ca - carbonate

ot -olher pe - perlite ou - ouartz fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic

Approved Signatories:

Chris and

Chris Williams Analyst

alin Start Senior Analyst

Laboratory Director Chris Williams

Alicia Stretz 6. Anthophyllite in association with Fibrous Talc

ce - cellulose

ka - kaolin (clay)

pa - palygorskite (clay)

br - brucite

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

2. Fire Damage no significant liber damage reported percentages releted that the new set of the se 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: EAC Environmental Client Address: 4546 Cal-Steens Road Caledonia, MS 39740

Phone number: 662-386-6386 Fax number: 662-356-0025 Contact: Edward Clay

5043010 CA Labsjob# CBR

Billing Address (if different): N/A

Send Reports to: eacenvironmental@gmail.com Project Name: 414 BACKES - TU 8510 Reports Results Lynd & Fore p - Duice Longer VERBAL

VIA: EMAIL X FAX

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

Asbestos:

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

TEM		TA Time	PLM	T	A Time	0	Optical / IAQ	TA Time
Carde analysis and TA	tine:		Gicle coulsis and TA tim	2.6	OUE	Alle	rgen Particle:	2 hour
AHERA		4 hour	Improved	4 h	our	tape	/bulk/swab	4 hour
EPA Level II I) Tinking	8 hour	Interim	8 h	อบก	Cycle	ex-d cassettes Air-	8 hour
Water Wipe		16 hour		16.	hour	o-ce	l cassettes	16 hour
Micro-vac		24 hour	AHERA	24	nour	Ande	erson cultures	24 hour
NIOSH 7402	=	2 days		2 da	nyş	Bulk	swab cultures	2 days
Chatfield Bul	k	3 days	Point Count -	3 da	iys	Bacte	eria cultures	3 days
		5 days	(NESHAPS)	5 da	iys	PCM	NIOSH 7400	5-10 days
ad:	Gadecanijs	s and TA time						
Matrix:	Pain	t Chips	Soil	Air	Wipe	25	Wastewater	TCLP
TA Time:	8	hour	1 day	Z days	3 da	ys	5 days	6-10 days

SAMPLE#

SAMPLE LOCATION

1	Roof SIDING
2	SIDING
3	Floor
4	CEILING
5	1 WENI
6	Kithon Floore
7	
8	
9	· · · ·
10	

Custody Information: Samples relinquished:

04-21-25 Signature / Date / Time

Samples received:

3/25 \mathcal{I} 10:15 Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

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 Clav Customer Project: 502 Barnes St.-Tupelo Lynda Ford-Duke Loden Reference #:

CBR25043011 4/23/2025 Date:

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.

Oualifications

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 Project	:	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 mī - mīca ve - vermiculite ot - other

pe - perlite qu - quartz

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

fg - fiberglass

mw - mineral wool

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.

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2

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

Polarized Light Asbestiform Materials Characterization

Customer Info:Attn: Edward ClayEAC Environmental4546 Calsteens Rd			502 Bar	ier Project: nes StTupelo Lynda ike Loden	CA Labs Project #: CBR25043011		
Caledonia, MS 39740 Phone # 662-386-6386 Fax # 662-356-0025			Turnaro	ound Time: 24 hr	Date: Samples Received: Date Of Sampling: Purchase Order #:	4/23/2025 4/23/2025	
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 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	Tan Self-Adhesive Floor Tile	Y	None Detected		100% qu, ma
		3-2	Brown Sub Floor	Ŷ	None Detected	95% ce	5% qu, ma
4		4-1	White Textured Surfacing	Y	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% gu, ma, ot

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

Chris Such

Chris Williams

Analyst

mi - mica ve - vermiculite ot -olher pe - perlite qu - quartz

ta - talc

fo - fiberolass mw - mineral wool wo - wollastinite sy - synthetic

pa - palygorskite (clay) Approved Signatories:

alin Star Senior Analyst

Laboratory Director Chris Williams

Alicia Stretz

ce - cellulose

ka - kaolin (clay)

br - brucite

Anthophyllite in association with Fibrous Talc
 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

 Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Z- Fire Damage no significant fiber damages effecting fibrous percentages
 Actinolite in association with Vermiculie
 Layer not analyzed - attached to previous positive layer and contamination is suspected 5. Not enough sample to analyze

Dedicated to Quality

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

Polarized Light Asbestiform Materials Characterization

Customer EAC Env 4546 Calsi	ironmental	: Edward Clay		er Project: les StTupelo Lynda ke Loden	CA Labs Project #: CBR25043011	
Caledonia,	MS 39740		Turnaro	und Time: 24 hr	Date: Samples Received:	4/23/2025 4/23/2025
Phone # Fax #	662-386-638 662-356-002				Date Of Sampling: Purchase Order #:	
Sample #	Com Layer ment #	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
6	6-1	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

Ц.

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 ce - cellulose

mi - mica fg - fiberglass gypsum - gypsum ve - vermiculite mw - mineral wool wo - wollastinite ot -other

ta - talc sy - synthetic

bi - binder or - organic ma - matrix

au - auartz Chris Willi-

pe - perlite

Chris Williams Analyst

aquin Start

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams Anthophyllite in association with Fibrous Talc
 Contamination suspected from other building materials
 Favorable scenario for water separation on vermiculite for possible analysis by another method

Approved Signatories:

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

 2. Fire Damage no significant liber 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

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

br - brucite ka - kaolin (clay)

pa - palygorskite (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: <u>EAC Environmental</u> Client Address: <u>4546 Cal-Steens Road</u> <u>Caledonia, MS 39740</u> Phone number: <u>662-386-6386</u>

Fax number: 662-356-0025

Contact: Edward Clay

CA Labsjob# CBR 25043011

Billing Address (if different): N/A

Send Reports to: <u>eacenvironmental@gmail.com</u> Project Name: <u>502 BANENES ST TUPEIO</u> Reports Results Gonda Ford - DUKE LODEN

VIA: EMAIL X FAX VERBAL

Total # Sample	s 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		TA Time	PLM	.	TA Time	1	Dptical / IAQ	TA Time
Circle analysis and 12	time		Gitte auchisis and TA S	itee	2 hour	Alle	rgen Particle:	2 hour
AHERA		4 hour	Improved	4	hour	tape	/bulk/swab	4 hour
EPA Level II I	Drinking	8 hour	Interim	e	hour	Cycli	ex-d cassettes Air-	8 hour
Water Wipe	6	16 hour		1	5 hour	o-ce	Il cassettes	16 hour
Micro-vac		24 hour	AHERA	2	4 hour	Anda	erson cultures	24 hour
NIOSH 7402	Ŀ	2 days			days	Bulk,	/swab cultures	2 days
Chatfield Bul	k	3 days	Point Count -	3	days	Bact	eria cultures 🗧	3 days
		5 days	(NESHAPS)	5	days	PCM	NIOSH 7400	5-10 days
ad:	Circle control	s and TA time				1		
Matrix:	Pain	t Chips	Šoil	Air	Wipe	es	Wastewater	TCLP
TA Time:	8	hour	1 day	2 days	3 đaj	V 5	5 days	6-10 days

SAMPLE #

SAMPLE LOCATION

the second s				
1	Roof			······
2	SIDING			
3	Kitchen Floor	ÿ		•
4	CEILING			
5	Bortrecom fioor	3.		and a second
6	wang	· · · · ·		
7			•	
8				
9				
10			and the second	

Custody Information:

Samples relinquished:

Samples received: 04 21-2 Signature / Date / Time

10:15 Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time