

ASBESTOS SAMPLING REPORT

Lafayette Connector

400 Mudd Ave., 425 Sampson St., & 212 First St.
Lafayette, LA

Prepared for:

Louisiana Department of
Transportation and Development
Right of Way Division
P.O. Box 3648
Lafayette, Louisiana

Prepared on:

October 22, 2021

SEMS Project #553-0032

Prepared by:
Ioannis Petikas
Industrial Hygiene Division Manager



1725 North Hearne Ave., Bldg. F
Shreveport, LA 71107



318.779.0763



info@semsinc.net
www.semsinc.net

ASBESTOS INSPECTION REPORT

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400 Mudd Ave., 425 Sampson St., & 212 First St.
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By



***1725 N. Hearne Avenue, Building F
Shreveport, Louisiana 71107
(318) 779-0763***

SEMS Field Inspector:

Austin Leopold
Certified Asbestos Inspector #21189864

Report Written & Submitted By:

Ioannis Petikas
Industrial Hygiene Division Manager

ASBESTOS INSPECTION REPORT
400 Mudd Ave., 425 Sampson St., & 212 First St.
Lafayette, Louisiana
SEMS Project No: 553-0032

1.0 INTRODUCTION

Southern Environmental Management and Specialties (SEMS) was retained by the Louisiana Department of Transportation and Development to conduct asbestos sampling at the properties located at 400 Mudd Avenue, 425 Sampson Street, and 212 First Street in Lafayette, Louisiana.

SEMS completed the following scope of work:

- Completed an asbestos inspection of the structures to determine the presence and extent of asbestos-containing materials;
- Conducted the asbestos inspection survey in accordance with all applicable federal and state regulations;
- Submitted a comprehensive asbestos survey report

2.0 PROCEDURE

Bulk samples were taken from suspected asbestos-containing materials from the areas requested to be sampled and sent to CA Labs for analysis. Asbestos can only be positively identified using microscopical techniques. The samples collected in this survey were analyzed using Polarized Light Microscopy (PLM).

3.0 SAMPLE ANALYSIS

During the inspection, a total of forty-eight (48) samples, with layers, were taken. Located in Appendix A are photographs of the homogenous materials sampled during the inspection.

The analysis procedure followed for asbestos determination was conducted following EPA guidelines and Method 600/R-93/116. Based on these guidelines, suspect materials are not considered asbestos-containing materials (ACM) if the results of the samples collected are determined to have asbestos in amounts of 1% or less. Those materials analyzed and determined to contain greater than 1% are considered ACM.

4.0 SAMPLE RESULTS

The table below summarizes the sample results from the analysis. Any samples in bold red indicate positive identification of greater than 1% asbestos containing.

Sample ID	Material Description	Location	Result
DO-21-286-001	Black shingle, black tar	Exterior – NW	None Detected
DO-21-286-002	Black shingle, black tar	Exterior – West	None Detected
DO-21-286-003	Black shingle, black tar	Exterior – SW	None Detected
DO-21-286-004	Sheetrock, compound, tape	Teller's Desk – SW	None Detected
DO-21-286-005	Sheetrock, compound, tape	Office area – NE	None Detected
DO-21-286-006	Sheetrock, compound, tape	Breakroom – SW	None Detected
DO-21-286-007	Floor tile, yellow mastic	Lobby – North	None Detected
DO-21-286-008	Floor tile, yellow mastic	Lobby – North	None Detected
DO-21-286-009	Floor tile, yellow mastic	Lobby – North	None Detected
DO-21-286-010	Floor tile, yellow mastic	North Storage – NE	None Detected
DO-21-286-011	Floor tile, yellow mastic	Bathroom – NW	None Detected
DO-21-286-012	Floor tile, yellow mastic	Bathroom – North	None Detected
DO-21-286-013	Ceiling tile – rough	Lobby – West	None Detected
DO-21-286-014	Ceiling tile – rough	Office area – South	None Detected
DO-21-286-015	Ceiling tile – rough	Break room – SE	None Detected
DO-21-286-016	Ceiling tile – smooth	South Storage – West	None Detected
DO-21-286-017	Ceiling tile – smooth	South Storage – South	None Detected
DO-21-286-018	Ceiling tile – smooth	South Storage – East	None Detected
SA-21-287-001	Ceiling tile	Master Bedroom – West	None Detected
SA-21-287-002	Ceiling tile	Master Bedroom – Center	None Detected

Sample ID	Material Description	Location	Result
SA-21-287-003	Ceiling tile	Bathroom	None Detected
SA-21-287-004	Sheetrock and compound	Kitchen – North	None Detected
SA-21-287-005	Sheetrock and compound	Kitchen – North	None Detected
SA-21-287-006	Sheetrock and compound	Kitchen – North	None Detected
SA-21-287-007	Linoleum and brown mastic	Living room – South	None Detected
SA-21-287-008	Linoleum and brown mastic	Living room – West	None Detected
SA-21-287-009	Linoleum and brown mastic	Living room – East	None Detected
SA-21-287-010	Linoleum and yellow mastic	Addition closet	None Detected
SA-21-287-011	Linoleum and yellow mastic	Addition closet	None Detected
SA-21-287-012	Linoleum and yellow mastic	Addition closet	None Detected
FS-21-287-001	Ceiling tile	Living room	None Detected
FS-21-287-002	Ceiling tile	Sitting room	None Detected
FS-21-287-003	Ceiling tile	Front Bedroom	None Detected
FS-21-287-004	Sheetrock, compound, tape	Foyer – NW	3% Chrysotile
FS-21-287-005	Sheetrock, compound, tape	Sitting room – SE	3% Chrysotile
FS-21-287-006	Sheetrock, compound, tape	Front Bedroom – NW	3% Chrysotile
FS-21-287-007	Linoleum and yellow mastic	Kitchen – North	None Detected
FS-21-287-008	Linoleum and yellow mastic	Kitchen – NE	None Detected
FS-21-287-009	Linoleum and yellow mastic	Kitchen – East	None Detected
FS-21-287-010	Linoleum and tan mastic	Master Bathroom – North	23% Chrysotile
FS-21-287-011	Linoleum and tan mastic	Master Bathroom – North	23% Chrysotile
FS-21-287-012	Linoleum and tan mastic	Master Bathroom – South	23% Chrysotile
FS-21-287-013	Linoleum and tan mastic	Hall Bath – North	23% Chrysotile

Sample ID	Material Description	Location	Result
FS-21-287-014	Linoleum and tan mastic	Hall Bath – North	23% Chrysotile
FS-21-287-015	Linoleum and tan mastic	Hall Bath – South	23% Chrysotile
FS-21-287-016	Fibrous insulation	Attic above Living room	None Detected
FS-21-287-017	Fibrous insulation	Attic above Living room	None Detected
FS-21-287-018	Fibrous insulation	Attic above Living room	None Detected

From the results above, the sheetrock compound and two different linoleum floors are positive for asbestos at 212 First Street. None of the samples collected at 400 Mudd Avenue or 425 Sampson Street are positive for asbestos.

Because the structure is to be demolished, SEMS recommends the following:

- **Floor Tile & Mastic**

The floor tile and mastic are Category I non-friable asbestos-containing materials. The floor tile and mastic would need to be removed by a licensed abatement contractor prior to demolition.

- **Texture Material and Joint Compound (Walls & Ceilings)**

The texture material and joint compound are Category I non-friable asbestos-containing materials. This material will have to be removed by a licensed abatement contractor prior to demolition.

Copies of the laboratory analytical results are included in Appendix B. Sample location drawings are included in Appendix C and the inspector's certification certificate is included in Appendix D.

5.0 STANDARD OF CARE

Services performed by SEMS are conducted in a manner consistent with state-of-the-industry practices, recognizing that even the most comprehensive sampling may not detect all the areas exceeding the evaluation criteria in the structure/building. Therefore, SEMS cannot act as an insurer or certify that the site is free of asbestos. No expressed or implied representation or warranty is included, except that the services were performed within the limit of the scope of work authorized by the client and the encountered site conditions.

6.0 APPENDICES

- Photographs
- Laboratory Analytical Results
- Sample Location Drawings
- Certifications

APPENDIX A
PHOTOGRAPHS

LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



400 Mudd Ave - Front



400 Mudd Ave - Lobby



400 Mudd Ave - Teller's Desk



400 Mudd Ave – Behind Teller's Desk

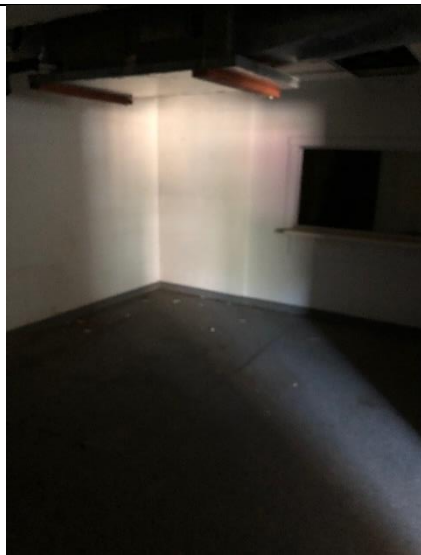
LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



400 Mudd Ave – Office Area



400 Mudd Ave – South Storage



400 Mudd Ave - Breakroom



400 Mudd Ave - Bathroom

LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



400 Mudd Ave – North Storage



400 Mudd Ave - HM 1



400 Mudd Ave - HM 2



400 Mudd Ave - HM 3

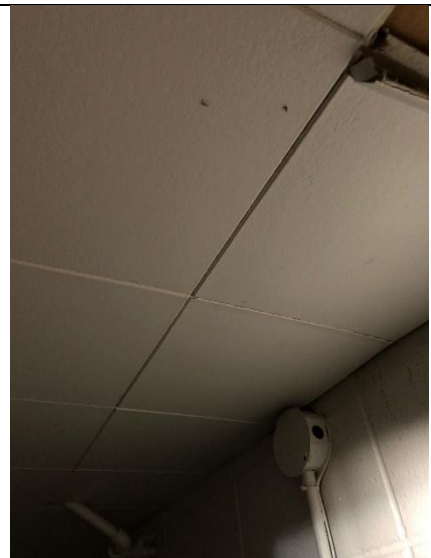
LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



400 Mudd Ave - HM 4



400 Mudd Ave - HM 5



400 Mudd Ave - HM 6



425 Sampson St – Front

LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



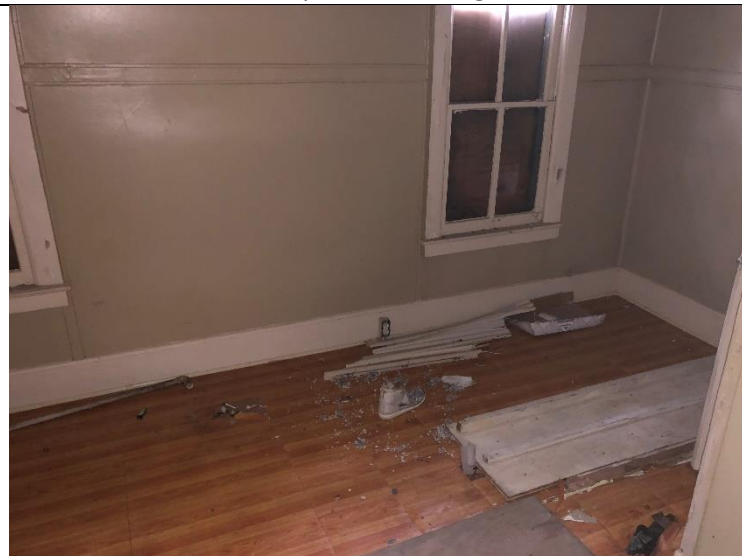
425 Sampson St - Side



425 Sampson St – Living Room



425 Sampson St - Kitchen



425 Sampson St – Bedroom 1

LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



425 Sampson St – Bedroom 1 Bathroom



425 Sampson St – Master Bathroom



425 Sampson St – Master Bedroom



425 Sampson St - Addition

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ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



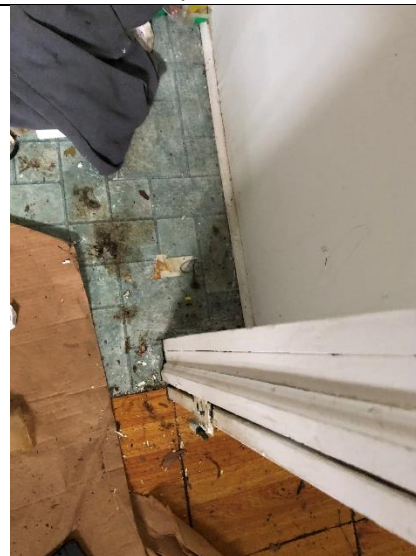
425 Sampson St – HM 1



425 Sampson St – HM 2



425 Sampson St – HM 3



425 Sampson St – HM 4

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ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



212 First St – Foyer



212 First St – Living room



212 First St - Kitchen



212 First St – Master bedroom

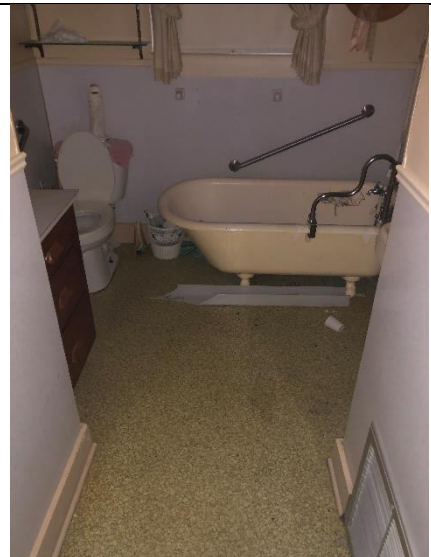
LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



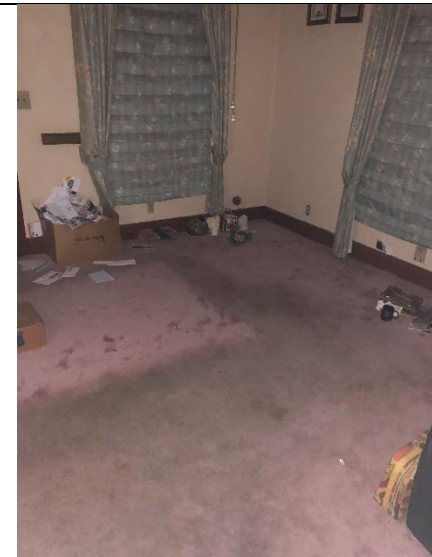
212 First St – Master Bathroom



212 First St – Sitting room



212 First St – Hall Bath



212 First St – Front Bedroom

LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



212 First St – HM 1



212 First St – HM 2



212 First St – HM 3



212 First St – HM 4

LA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
ASBESTOS INSPECTION – LAFAYETTE CONNECTOR
LAFAYETTE, LOUISIANA
OCTOBER 19, 2021



212 First St – HM 5



212 First St – HM 6

APPENDIX B
ANALYTICAL DATA



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:	SEMS, Inc.	CA Labs job #	CBR 21107112
Client Address:	1725 N. Hearne Ave. Building F Shreveport, LA 71107	Billing Address:	SEMS, Inc. (if different) 11628 S. Choctaw Drive Baton Rouge, LA 70815
phone number:	318-799-0763		225-924-2002
fax number:	225-924-2004	Send Reports to:	<small>ipetikas@semsinc.net; bkennon@semsinc.net jcoleman@semsinc.net; kyrogan@semsinc.net algpold@semsinc.net; mohilvaw@semsinc.net; rlewis@semsinc.net</small>
Project Number:	533-0032	Project Name:	212 First St. Lafayette
Contact:	Ioannis Petikas	Reports Results	VIA: EMAIL <input checked="" type="checkbox"/> FAX <input type="checkbox"/> VERBAL <input type="checkbox"/>

Total # Samples Submitted: 18	Total # Samples to be Analyzed: 18	Material Matrix: Air / <u>Bulk</u> / Water
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Asbestos: *please call ahead for availability of all rush and/or after hours samples.*

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>			
AHERA	4 hour	<u>Improved</u>	4 hour	Allergen Particle:	2 hour
EPA Level II	8 hour	<u>Interim</u>	8 hour	tape/bulk/swab	4 hour
Drinking Water	16 hour		16 hour	Cyclex-d cassettes	8 hour
Wipe	24 hour	AHERA	<u>24 hour</u>	Air-o-cell cassettes	16 hour
Micro-vac	2 days		2 days	Anderson cultures	24 hour
NIOSH 7402	3 days	Point Count -	3 days	Bulk/swab cultures	2 days
Chatfield Bulk	5 days	(NESHAPS)	5 days	Bacteria cultures	3 days
				PCM: NIOSH 7400	5-10 days

Lead: *Circle analysis and TA time*

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	8 hour	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
	see attached sample log		

Custody Information:

Samples relinquished: 10-14-21 17:10
Signature / Date / Time

Samples received: 10/15/21 8:00 AM
Signature / Date / Time

Samples relinquished: _____
Signature / Date / Time

Samples received: _____
Signature / Date / Time



ASBESTOS INSPECTION LOG

Facility: _____ Location: 212 First St

PAGE 1 of 2
DATE: 10-14-21
Inspector(s): Austin Leopold

Sample ID	Photo	Material Description	Category	Friability	Assessment Category	Location
FS-21-287-001	1	Ceiling tiles				Living room
002						Sitting room
003						Front Bedroom
004	2	Sheetrock, wall tape				Foyer NW
005						Sitting room SE
006						Front Bedroom NW
007	3	Blue + white roll Flooring				Kitchen N
008						NE
009						E
010	4	Yellow roll Flooring				Master Bath N

S=South SS=South Side N=North NS=North Side W=West WS=West Side E=East ES=East Side SA=Same As Vert.=Vertical Pipe Run
 Horiz.=Horizontal Pipe Run CT=Ceiling Tile FT=Floor Tile FG=Fiberglass CM=Cove Molding Insul=Insulation Brn=Brown Blk=Black Whi=White
 Grn=Green Lt=light dk=dark bldg=building "ft"=inch

Material Category: T=TSI, S=Surfacing, M=Miscellaneous
 Friability: F=Friable, NF=Non-Friable, X=Non-ACBM
 Assessment Category: 1=Damaged or significantly damaged TSI ACBM, 2=Damaged friable surfacing ACBM, 3=Significantly damaged friable surfacing ACBM, 4=Damaged or significantly damaged friable miscellaneous ACBM, 5=ACBM with potential for damage, 6=ACBM with potential for significant damage, 7=Any remaining friable ACBM or friable suspected ACBM, 8=Damaged non-friable ACBM or suspected ACBM, 9=Any remaining ACBM or suspected ACBM, X=Non-ACBM

[Signature]
10/15/21
S. S. S. S.



ASBESTOS INSPECTION LOG

Facility: _____ Location: _____

PAGE 2 of 2
DATE: 10-14-21
Inspector(s): AL

CA# 21107112

Sample ID	Photo	Material Description	Category	Friability	Assessment Category	Location
FS-21-287-04		Yellow roll flooring				Master Bath N
012						S
013		Fan roll Flooring				Hall Bath N
014						N
015						S
016		Insulation				Attic above living room
017						
018						

S=South SS=South Side N=North NS=North Side W=West WS=West Side E=East ES=East Side SA=Same As Vert.=Vertical Pipe Run
 Horiz.=Horizontal Pipe Run CT=Ceiling Tile FT=Floor Tile FG=Fiberglass CM=Cove Molding Insul=Insulation Brn=Brown Blk=Black Whit=White
 Grn=Green Lt=light dk=dark bldg=building "f=foot "i=inch

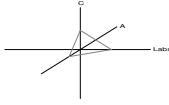
Material Category: T=TSI, S=Surfacing, M=Miscellaneous
 Friability: F=Friable, NF=Non-Friable, X=Non-ACBM

Assessment Category: 1=Damaged or significantly damaged TSI ACBM, 2=Damaged friable surfacing ACBM, 3=Significantly damaged friable surfacing ACBM,
 4=Damaged or significantly damaged friable miscellaneous ACBM, 5=ACBM with potential for damage, 6=ACBM with potential for
 significant damage, 7=Any remaining friable ACBM or friable suspected ACBM, 8=Damaged non-friable ACBM or suspected ACBM,
 9=Any remaining ACBM or suspected ACBM, X=Non-ACBM

[Signature] 10/15/21
 E. J. ...

CA Labs
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

SEMS, Inc

11628 S Choctaw Drive
Baton Rouge, LA 70815

Attn: Ioannis Petikas

Customer Project: 212 First St. Lafayette

Reference #: CBR21107112

Date: 10/15/2021

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 performed. Calibrated liquid refractive oils are used as liquid mounting 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 conjunction 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 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 by 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.

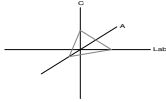
Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

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 of 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.



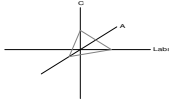
Overview of Project Sample Material Containing Asbestos

Customer Project:	212 First St. Lafayette		CA Labs Project #:	CBR21107112	
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	
FS-21-287-004	004-1	Tan Surfaced Tan Compound	3% Chrysotile	Tan Surfaced Tan Compound Tan Compound (beneath tape) Yellow Surfaced Tan Compound Yellow Linoleum Tan Linoleum	
	004-2	Tan Compound (beneath tape)	3% Chrysotile		
FS-21-287-005	005-1	Yellow Surfaced Tan Compound	3% Chrysotile		
	005-2	Tan Compound (beneath tape)	3% Chrysotile		
FS-21-287-006	006-1	Tan Surfaced Tan Compound	3% Chrysotile		
	006-2	Tan Compound (beneath tape)	3% Chrysotile		
FS-21-287-010	010-1	Yellow Linoleum	23% Chrysotile		
FS-21-287-011	011-1	Yellow Linoleum	23% Chrysotile		

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

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

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Overview of Project Sample Material Containing Asbestos

Customer Project: 212 First St. Lafayette		CA Labs Project #: CBR21107112	
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent
			List of Affected Building Material Types

FS-21-287-012 012-1 Yellow Linoleum **23% Chrysotile**

FS-21-287-013 013-1 Tan Linoleum **23% Chrysotile**

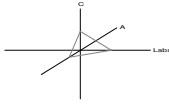
FS-21-287-014 014-1 Tan Linoleum **23% Chrysotile**

FS-21-287-015 015-1 Tan Linoleum **23% Chrysotile**

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

- | | | | |
|------------------|--------------|--------------------|--------------------------|
| ca - carbonate | pe - perlite | fg - fiberglass | pa - palygorskite (clay) |
| gypsum - gypsum | qu - quartz | mw - mineral wool | |
| bi - binder | | wo - wollastinite | |
| or - organic | | ta - talc | |
| ma - matrix | | sy - synthetic | |
| mi - mica | | ce - cellulose | |
| ve - vermiculite | | br - brucite | |
| ot - other | | ka - kaolin (clay) | |

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Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Ioannis Petikas
SEMS, Inc
 11628 S Choctaw Drive
 Baton Rouge, LA 70815

Customer Project:
 212 First St. Lafayette

CA Labs Project #:
 CBR21107112

Phone # 225-924-2002
 Fax # 225-924-2004

Turnaround Time:
 24 Hours

Date: 10/15/2021
Samples Received: 10/15/2021
Date Of Sampling: 10/14/2021
Purchase Order #: 533-0032

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
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FS-21-287-001		001-1	White Surfacing	Y	None Detected		100% qu,ca,bi
---------------	--	-------	-----------------	---	---------------	--	---------------

		001-2	Brown Ceiling Tile	Y	None Detected	100% ce	
--	--	-------	--------------------	---	---------------	---------	--

FS-21-287-002		002-1	White Surfacing	Y	None Detected		100% qu,ca,bi
---------------	--	-------	-----------------	---	---------------	--	---------------

		002-2	Brown Ceiling Tile	Y	None Detected	100% ce	
--	--	-------	--------------------	---	---------------	---------	--

FS-21-287-003		003-1	White Surfacing	Y	None Detected		100% qu,ca,bi
---------------	--	-------	-----------------	---	---------------	--	---------------

		003-2	Brown Ceiling Tile	Y	None Detected	100% ce	
--	--	-------	--------------------	---	---------------	---------	--

FS-21-287-004		004-1	Tan Surfaced Tan Compound	N	3% Chrysotile		97% mi,bi,ca
---------------	--	-------	---------------------------	---	---------------	--	--------------

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	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

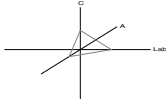
Chris Williams
 Analyst

Senior Analyst
 Alicia Stretz

Laboratory Director
 Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 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
 10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Customer Project:
212 First St. Lafayette

CA Labs Project #:
CBR21107112

Phone # 225-924-2002
Fax # 225-924-2004

Turnaround Time:
24 Hours

Date: 10/15/2021
Samples Received: 10/15/2021
Date Of Sampling: 10/14/2021
Purchase Order #: 533-0032

Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
				004-2 Tan Compound (beneath tape)	Y	3% Chrysotile		97% mi,ca
				004-3 White Drywall with Paper	N	None Detected	10% ce	90% qu,gy
FS-21-287- 005				Yellow Surfaced Tan 005-1 Compound	N	3% Chrysotile		97% mi,bi,ca
				005-2 Tan Compound (beneath tape)	Y	3% Chrysotile		97% mi,ca
				005-3 White Drywall with Paper	N	None Detected	10% ce	90% qu,gy
FS-21-287- 006				006-1 Tan Surfaced Tan Compound	N	3% Chrysotile		97% mi,bi,ca
				006-2 Tan Compound (beneath tape)	Y	3% Chrysotile		97% mi,ca

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	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

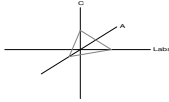
Chris Williams
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
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Purchase Order #: 533-0032


Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		006-3	White Drywall with Paper	N	None Detected	10% ce	90% qu,gy
FS-21-287-007		007-1	Yellow Linoleum	Y	None Detected	20% ce	80% qu,ma
		007-2	Tan Mastic	Y	None Detected		100% qu,bi
FS-21-287-008		008-1	Yellow Linoleum	Y	None Detected	20% ce	80% qu,ma
		008-2	Tan Mastic	Y	None Detected		100% qu,bi
FS-21-287-009		009-1	Yellow Linoleum	Y	None Detected	20% ce	80% qu,ma
		009-2	Tan Mastic	Y	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.

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bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

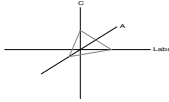

 Chris Williams
 Analyst


 Senior Analyst
 Alicia Stretz


 Laboratory Director
 Chris Williams

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Polarized Light Asbestiform Materials Characterization

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Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo-geneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
----------	----------	---------	--------------------	-------------------------	--------------------	--	-----------------------------------	----------------------------

FS-21-287-010		010-1	Yellow Linoleum		Y	23% Chrysotile		77% qu,ma
---------------	--	-------	-----------------	--	---	----------------	--	-----------

		4	010-2	Tan Mastic	Y			
--	--	---	-------	------------	---	--	--	--

FS-21-287-011		011-1	Yellow Linoleum		Y	23% Chrysotile		77% qu,ma
---------------	--	-------	-----------------	--	---	----------------	--	-----------

		4	011-2	Tan Mastic	Y			
--	--	---	-------	------------	---	--	--	--

FS-21-287-012		012-1	Yellow Linoleum		Y	23% Chrysotile		77% qu,ma
---------------	--	-------	-----------------	--	---	----------------	--	-----------


		4	012-2	Tan Mastic	Y			
--	--	---	-------	------------	---	--	--	--


FS-21-287-013		013-1	Tan Linoleum		Y	23% Chrysotile		77% 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	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

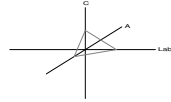
Approved Signatories:


Chris Williams
Analyst


Senior Analyst
Alicia Stretz
Laboratory Director
Chris Williams

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



Polarized Light Asbestiform Materials Characterization

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SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Customer Project:
212 First St. Lafayette

CA Labs Project #:
CBR21107112

Phone # 225-924-2002
Fax # 225-924-2004

Turnaround Time:
24 Hours

Date: 10/15/2021
Samples Received: 10/15/2021
Date Of Sampling: 10/14/2021
Purchase Order #: 533-0032


Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		4	013-2 Tan Mastic	Y			
FS-21-287-014		014-1	Tan Linoleum	Y	23% Chrysotile		77% qu,ma
		4	014-2 Tan Mastic	Y			
FS-21-287-015		015-1	Tan Linoleum	Y	23% Chrysotile		77% qu,ma
		4	015-2 Tan Mastic	Y			
FS-21-287-016		016-1	Brown Fibrous Insulation	Y	None Detected	100% fg	
FS-21-287-017		017-1	Brown Fibrous Insulation	Y	None Detected	100% fg	


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.

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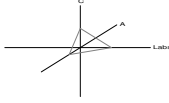
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Analyst


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Alicia Stretz
Laboratory Director
Chris Williams

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 24 Hours

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Date Of Sampling: 10/14/2021
Purchase Order #: 533-0032

Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
----------	-------------	------------	-----------------------	-------------------------	-------------------------------	--	--------------------------------------	-------------------------------

FS-21-287-018		018-1	Brown Fibrous Insulation		Y	None Detected	100% fg	
---------------	--	-------	--------------------------	--	---	---------------	---------	--

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.

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Approved Signatories:

Chris Williams
 Analyst

Senior Analyst
 Alicia Stretz

Laboratory Director
 Chris Williams

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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:	SEMS, Inc.	CA Labs job #	CBR 21107063
Client Address:	1725 N. Hearne Ave. Building F Shreveport, LA 71107	Billing Address: (if different)	SEMS, Inc. 11628 S. Choctaw Drive Baton Rouge, LA 70815
phone number:	318-799-0763		225-924-2002
fax number:	225-924-2004	Send Reports to:	<small>ipetikas@sensinc.net; bkennon@sensinc.net jcoleman@sensinc.net; kgrogan@sensinc.net alacord@sensinc.net; mbhivaw@sensinc.net; rlewis@sensinc.net</small>
Project Number:	533-0032	Project Name:	Lafayette Connector - 400 Mudd Ave.
Contact:	Ioannis Petikas	Reports Results	VIA: EMAIL <input checked="" type="checkbox"/> FAX <input type="checkbox"/> VERBAL <input type="checkbox"/>

Total # Samples Submitted: 18	Total # Samples to be Analyzed: 18	Material Matrix: Air / Bulk / Water
---	--	--

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

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>	2 hour	Allergen Particle:	2 hour
AHERA	4 hour	Improved	4 hour	tape/bulk/swab	4 hour
EPA Level II	8 hour	Interim	8 hour	Cyclex-d cassettes	8 hour
Drinking Water	16 hour		16 hour	Air-o-cell cassettes	16 hour
Wipe	24 hour	AHERA	24 hour	Anderson cultures	24 hour
Micro-vac	2 days		2 days	Bulk/swab cultures	2 days
NIOSH 7402	3 days	Point Count -	3 days	Bacteria cultures	3 days
Chatfield Bulk	5 days	(NESHAPS)	5 days	PCM: NIOSH 7400	5-10 days

Lead: *Circle analysis and TA time*

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	8 hour	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
	see attached sample log		

Custody Information:

Samples relinquished: 10-13-2021 1:00PM Signature / Date / Time	Samples received: 10-13-2021 Signature / Date / Time
Samples relinquished: _____ Signature / Date / Time	Samples received: _____ Signature / Date / Time



ASBESTOS INSPECTION LOG

03221107063

Facility: POND LaFayette Location: 400 Mudd Ave. LaFayette

PAGE 1 of 2
DATE: 10-13-21

Inspector(s): Austin Leavelle

Sample ID	Photo	Material Description	Category	Friability	Assessment Category	Location
00-21-286-001	1	Roofing				NW
002		↓				West
003		↓				SW
004	2	Sheetrock mud tape				Teller's desk SW
005		↓				Office area NE
006		↓				Break room SW
007	3	Tan 12"x12" Floor tile				Lobby North
008		↓				↓
009		↓				↓
010	4	Grey 12"x12" Floor tile				North storage NE

S=South SS=South Side N=North NS=North Side W=West WS=West Side E=East ES=East Side SA=Same As Vert.=Vertical Pipe Run
 Horiz.=Horizontal Pipe Run CT=Ceiling Tile FT=Floor Tile FG=Fiberglass CM=Cove Molding Insul=Insulation Brn=Brown Blk=Black Wht=White
 Grn=Green lt-light dk=dark bldg=building "ft=foot "in=inch

Material Category: T=TSI, S=Surfacing, M=Miscellaneous
 Friability: F=Friable, NF=Non-Friable, X=Non-ACBM
 Assessment Category: 1=Damaged or significantly damaged TSI ACBM, 2=Damaged friable surfacing ACBM, 3=Significantly damaged friable surfacing ACBM,
 4=Damaged or significantly damaged friable miscellaneous ACBM, 5=ACBM with potential for damage, 6=ACBM with potential for
 significant damage, 7=Any remaining friable ACBM or friable suspected ACBM, 8=Damaged non-friable ACBM or suspected ACBM,
 9=Any remaining ACBM or suspected ACBM, X=Non-ACBM

Rec: ABM 10-13-2021 1:00PM



ASBESTOS INSPECTION LOG

CB021101063

PAGE 2 of 2
DATE: _____

Facility: _____

Location: _____

Inspector(s): HL

Sample ID	Photo	Material Description	Category	Friability	Assessment Category	Location
00-21-286-011		Grey 12"x12" Floor tile				Bathroom NW
012		↓				Bathroom North
013	S	Rough ceiling tile				Lobby west
014		↓				Office area S
015		↓				Break room SE
016	C	Smooth ceiling tile				South storage west
017		↓				South
018		↓				East

S=South SS=South Side N=North NS=North Side W=West WS=West Side E=East ES=East Side SA=Same As Vert.=Vertical Pipe Run
 Horiz.=Horizontal Pipe Run CT=Ceiling Tile FT=Floor Tile FG=Fiberglass CM=Cove Molding Insul=Insulation Brn=Brown Blk=Black Wht=White
 Grn=Green Lt=light dk=dark bldg=building '=foot "=inch

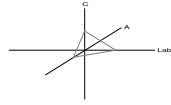
Material Category: T=Tsl, S=Surfacing, M=Miscellaneous
 Friability: F=Friable, NF=Non-Friable, X=Non-ACBM

Assessment Category: 1=Damaged or significantly damaged Tsl ACBM, 2=Damaged friable surfacing ACBM, 3=Significantly damaged friable surfacing ACBM,
 4=Damaged or significantly damaged friable miscellaneous ACBM, 5=ACBM with potential for damage, 6=ACBM with potential for
 significant damage, 7=Any remaining friable ACBM or friable suspected ACBM, 8=Damaged non-friable ACBM or suspected ACBM,
 9=Any remaining ACBM or suspected ACBM, X=Non-ACBM

Rec: HL 10-13-2021 1:50 PM

CA Labs
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

SEMS, Inc

11628 S Choctaw Drive
Baton Rouge, LA 70815

Attn: Ioannis Petikas

Customer Project: Lafayette Connector 400 Mudd Ave.

Reference #: CBR21107063

Date: 10/14/2021

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 performed. Calibrated liquid refractive oils are used as liquid mounting 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 conjunction 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 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 by 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.

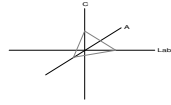
Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In 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 of 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.

CA Labs
Dedicated to
Quality

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 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

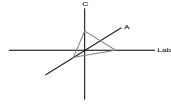
Customer Project:	Lafayette Connector 400 Mudd Ave.	CA Labs Project #:	CBR21107063
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent
			List of Affected Building Material Types

No Asbestos Detected.

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

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastinite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (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.



Polarized Light Asbestiform Materials Characterization

Customer Info: **Attn:** Ioannis Petikas
SEMS, Inc
 11628 S Choctaw Drive
 Baton Rouge, LA 70815

Customer Project:
 Lafayette Connector
 400 Mudd Ave.

CA Labs Project #:
 CBR21107063

Phone # 225-924-2002
 Fax # 225-924-2004

Turnaround Time: 24 hr

Date: 10/14/2021
Samples Received: 10/13/2021
Date Of Sampling: 10/13/2021
Purchase Order #: 533-0032

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
OO-21-286-001		001-1	Black Shingle	N	None Detected	15% fg	85% qu, bi
		001-2	Black Tar	Y	None Detected		100% qu, ma, bi
OO-21-286-002		002-1	Black Shingle	N	None Detected	15% fg	85% qu, bi
		002-2	Black Tar	Y	None Detected		100% qu, ma, bi
OO-21-286-003		003-1	Black Shingle	N	None Detected	15% fg	85% qu, bi
		003-2	Black Tar	Y	None Detected		100% qu, ma, bi
OO-21-286-004		004-1	White Surfaced White Compound	N	None Detected		100% qu, mi, bi, ca

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	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

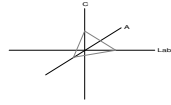
Zo Andriampenomanana
 Analyst

Senior Analyst
 Alicia Stretz

Laboratory Director
 Chris Williams

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 2. Fire Damage no significant fiber damages effecting fibrous percentages
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 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
 10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

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CA Labs Project #:
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 Fax # 225-924-2004

Turnaround Time: 24 hr

Date: 10/14/2021
Samples Received: 10/13/2021
Date Of Sampling: 10/13/2021
Purchase Order #: 533-0032

Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
				<i>White Compound Beneath</i>				
		004-2		<i>Tape</i>	Y	None Detected		100% qu, mi, ca
		004-3		<i>White Drywall with Paper</i>	N	None Detected	10% ce	90% qu, gy
OO-21-286-005				<i>White Surfaced White</i>				100% qu, mi, bi, ca
		005-1		<i>Compound</i>	N	None Detected		ca
				<i>White Compound Beneath</i>				
		005-2		<i>Tape</i>	Y	None Detected		100% qu, mi, ca
		005-3		<i>White Drywall with Paper</i>	N	None Detected	10% ce	90% qu, gy
OO-21-286-006				<i>White Surfaced White</i>				100% qu, mi, bi, ca
		006-1		<i>Compound</i>	N	None Detected		ca
				<i>White Compound Beneath</i>				
		006-2		<i>Tape</i>	Y	None Detected		100% qu, mi, ca

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	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

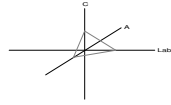
Zo Andriampenomanana
 Analyst

Senior Analyst
 Alicia Stretz

Laboratory Director
 Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 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
 10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Customer Project:
Lafayette Connector
400 Mudd Ave.

CA Labs Project #:
CBR21107063

Phone # 225-924-2002
Fax # 225-924-2004

Turnaround Time: 24 hr

Date: 10/14/2021
Samples Received: 10/13/2021
Date Of Sampling: 10/13/2021
Purchase Order #: 533-0032

Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
	006-3			White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
OO-21-286-007		007-1		Gray Floor Tile	Y	None Detected		100% qu, ma, ca
		007-2		Yellow Mastic	Y	None Detected		100% qu, bi
OO-21-286-008		008-1		Gray Floor Tile	Y	None Detected		100% qu, ma, ca
		008-2		Yellow Mastic	Y	None Detected		100% qu, bi
OO-21-286-009		009-1		Gray Floor Tile	Y	None Detected		100% qu, ma, ca
		009-2		Yellow Mastic	Y	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.

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bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
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ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

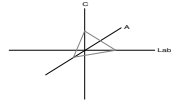
Zo Andriampenomanana
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Alicia Stretz

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Polarized Light Asbestiform Materials Characterization

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Date: 10/14/2021
Samples Received: 10/13/2021
Date Of Sampling: 10/13/2021
Purchase Order #: 533-0032


Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
OO-21-286-010		010-1		Gray Floor Tile	Y	None Detected		100% qu, ma, ca
		010-2		Yellow Mastic	Y	None Detected		100% qu, bi
OO-21-286-011		011-1		Gray Floor Tile	Y	None Detected		100% qu, ma, ca
		011-2		Yellow Mastic	Y	None Detected		100% qu, bi
OO-21-286-012		012-1		Gray Floor Tile	Y	None Detected		100% qu, ma, ca
		012-2		Yellow Mastic	Y	None Detected		100% qu, bi
OO-21-286-013		013-1		White Surfacing	Y	None Detected		100% qu, bi, ca

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.

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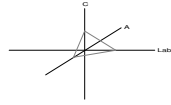
Approved Signatories:


Zo Andriampenomanana
Analyst


Senior Analyst
Alicia Stretz
Laboratory Director
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Polarized Light Asbestiform Materials Characterization

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Samples Received: 10/13/2021
Date Of Sampling: 10/13/2021
Purchase Order #: 533-0032

Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
				013-2 Tan Ceiling Tile	Y	None Detected	80% ce	20% qu, ma, pe
OO-21-286-014				014-1 White Surfacing	Y	None Detected		100% qu, bi, ca
				014-2 Tan Ceiling Tile	Y	None Detected	80% ce	20% qu, ma, pe
OO-21-286-015				015-1 White Surfacing	Y	None Detected		100% qu, bi, ca
				015-2 Tan Ceiling Tile	Y	None Detected	80% ce	20% qu, ma, pe
OO-21-286-016				016-1 White Surfacing	Y	None Detected		100% qu, pe, bi
				016-2 Brown Ceiling Tile	Y	None Detected	100% ce	

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.

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ma - matrix	qu - quartz	sy - synthetic	

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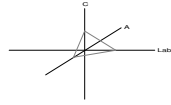
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Polarized Light Asbestiform Materials Characterization

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SEMS, Inc
 11628 S Choctaw Drive
 Baton Rouge, LA 70815

Customer Project:
 Lafayette Connector
 400 Mudd Ave.

CA Labs Project #:
 CBR21107063

Phone # 225-924-2002
 Fax # 225-924-2004

Turnaround Time: 24 hr

Date: 10/14/2021
Samples Received: 10/13/2021
Date Of Sampling: 10/13/2021
Purchase Order #: 533-0032

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
----------	-------------	------------	--	-------------------------------	--	--------------------------------------	-------------------------------

OO-21-286-017		017-1	White Surfacing	Y	None Detected		100% qu, pe, bi
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		017-2	Brown Ceiling Tile	Y	None Detected	100% ce	
--	--	-------	--------------------	---	----------------------	---------	--


OO-21-286-018		018-1	White Surfacing	Y	None Detected		100% qu, pe, bi
---------------	--	-------	-----------------	---	----------------------	--	-----------------


		018-2	Brown Ceiling Tile	Y	None Detected	100% ce	
--	--	-------	--------------------	---	----------------------	---------	--


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.

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Approved Signatories:


 Zo Andriampenomanana
 Analyst


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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:	SEMS, Inc.	CA Labs job #	CBR21107113
Client Address:	1725 N. Hearne Ave. Building F Shreveport, LA 71107	Billing Address:	SEMS, Inc. (if different) 11628 S. Choctaw Drive Baton Rouge, LA 70815 225-924-2002
phone number:	318-799-0763	Send Reports to:	<small>ipetikas@semsinc.net; bkennon@semsinc.net jcoleman@semsinc.net; kgrogan@semsinc.net aleopold@semsinc.net; mphilvaw@semsinc.net; rlewis@semsinc.net</small>
fax number:	225-924-2004	Project Name:	425 Sampson Ave.
Project Number:	533-0032	Reports Results	VIA: EMAIL <input checked="" type="checkbox"/> FAX <input type="checkbox"/> VERBAL <input type="checkbox"/>
Contact:	Ioannis Petikas		

Total # Samples Submitted: 12	Total # Samples to be Analyzed: 12	Material Matrix: Air / <u>Bulk</u> / Water
---	--	---

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

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>	2 hour	Allergen Particle:	2 hour
AHERA	4 hour	<u>Improved</u>	4 hour	tape/bulk/swab	4 hour
EPA Level II	8 hour	<u>Interim</u>	8 hour	Cyclex-d cassettes	8 hour
Drinking Water	16 hour		16 hour	Air-o-cell cassettes	16 hour
Wipe	24 hour	AHERA	<u>24 hour</u>	Anderson cultures	24 hour
Micro-vac	2 days		2 days	Bulk/swab cultures	2 days
NIOSH 7402	3 days	Point Count -	3 days	Bacteria cultures	3 days
Chatfield Bulk	5 days	(NESHAPS)	5 days	PCM: NIOSH 7400	5-10 days

Lead: *Circle analysis and TA time*

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	8 hour	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
	see attached sample log		

Custody Information:

Samples relinquished: *Lot 7 10-14-21 17:10*
 Signature / Date / Time

Samples received: *[Signature] 10/15/21 8:50 AM*
 Signature / Date / Time

Samples relinquished: _____
 Signature / Date / Time

Samples received: _____
 Signature / Date / Time



Facility:

Location: 425 Sampson Ave

Inspector(s): Austin Leppold

PAGE 1 of 1
DATE: 10-14-21

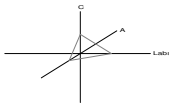
CRN21107113

Sample ID	Material Description	Category	Triability	Assessment Category	Location
SA-21-257-001	Ceilings Tiles				Master Bedroom W
002					center
003					Bathroom
004	Sheetrock mud tape				Kitchen North wall
005					
006					
007	Tan roll flooring				Front door
008					Living room west
009					east
010	Blue roll flooring				Addition closet
011					
012					

10/15/21 S. S. S. S. S.

CA Labs
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

SEMS, Inc

11628 S Choctaw Drive
Baton Rouge, LA 70815

Attn: Ioannis Petikas

Customer Project: 425 Sampson Ave

Reference #: CBR21107113

Date: 10/18/2021

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 performed. Calibrated liquid refractive oils are used as liquid mounting 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 conjunction 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 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 by 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.

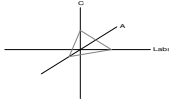
Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In 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 of 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.

CA Labs
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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

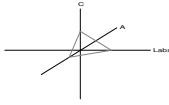
Customer Project: 425 Sampson Ave		CA Labs Project #: CBR21107113	
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent
			List of Affected Building Material Types

No Asbestos Detected.

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

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
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or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (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.



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Ioannis Petikas
SEMS, Inc
11628 S Choctaw Drive
Baton Rouge, LA 70815

Customer Project:
425 Sampson Ave

CA Labs Project #:
CBR21107113

Phone # 225-924-2002
Fax # 225-924-2004

Turnaround Time:
24 Hours

Date: 10/18/2021
Samples Received: 10/15/2021
Date Of Sampling: 10/14/2021
Purchase Order #: 533-0032

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
SA-21-287-001		001-1	White Surfacing	Y	None Detected		100% qu,ma,bi
		001-2	Gray Ceiling Tile	Y	None Detected	10% fg 40% ce	50% qu,pe,ma
SA-21-287-002		002-1	White Surfacing	Y	None Detected		100% qu,ma,bi
		002-2	Gray Ceiling Tile	Y	None Detected	10% fg 40% ce	50% qu,pe,ma
SA-21-287-003		003-1	White Surfacing	Y	None Detected		100% qu,ma,bi
		003-2	Gray Ceiling Tile	Y	None Detected	10% fg 40% ce	50% qu,pe,ma
SA-21-287-004		004-1	Tan Surfaced White Compound	N	None Detected		100% qu,mi,bi,ca

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	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

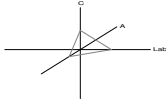
John Grout
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
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
10. TEM analysis suggested



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Purchase Order #: 533-0032

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		004-2	White Drywall with Paper	N	None Detected	10% ce	90% qu,gy
SA-21-287-005		005-1	Tan Surfaced White Compound	N	None Detected		100% qu,mi,bi,ca
		005-2	White Drywall with Paper	N	None Detected	10% ce	90% qu,gy
SA-21-287-006		006-1	Tan Surfaced White Compound	N	None Detected		100% qu,mi,bi,ca
		006-2	White Drywall with Paper	N	None Detected	10% ce	90% qu,gy
SA-21-287-007		007-1	Tan Linoleum	Y	None Detected	3% fg 10% ce	87% qu,ma,ca
		007-2	Brown Mastic	Y	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	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

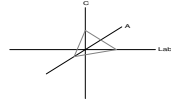
John Grout
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
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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
SA-21-287-008		008-1	Tan Linoleum	Y	None Detected	3% fg 10% ce	87% qu,ma,ca
		008-2	Brown Mastic	Y	None Detected		100% qu,bi
SA-21-287-009		009-1	Tan Linoleum	Y	None Detected	3% fg 10% ce	87% qu,ma,ca
		009-2	Brown Mastic	Y	None Detected		100% qu,bi
SA-21-287-010		010-1	Green Linoleum	Y	None Detected	5% fg 10% ce	85% qu,ma,ca
		010-2	Yellow Mastic	Y	None Detected		100% qu,bi
SA-21-287-011		011-1	Green Linoleum	Y	None Detected	5% fg 10% ce	85% qu,ma,ca

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.

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gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

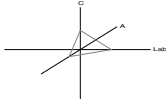
John Grout
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

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		011-2	Yellow Mastic	Y	None Detected		100% qu,bi
SA-21-287-012		012-1	Green Linoleum	Y	None Detected	5% fg 10% ce	85% qu,ma,ca
		012-2	Yellow Mastic	Y	None Detected		100% qu,bi
		012-3	Gray Linoleum	Y	None Detected	5% fg 10% ce	85% qu,ma,ca
		012-4	Yellow Mastic	Y	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.

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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

John Grout
Analyst

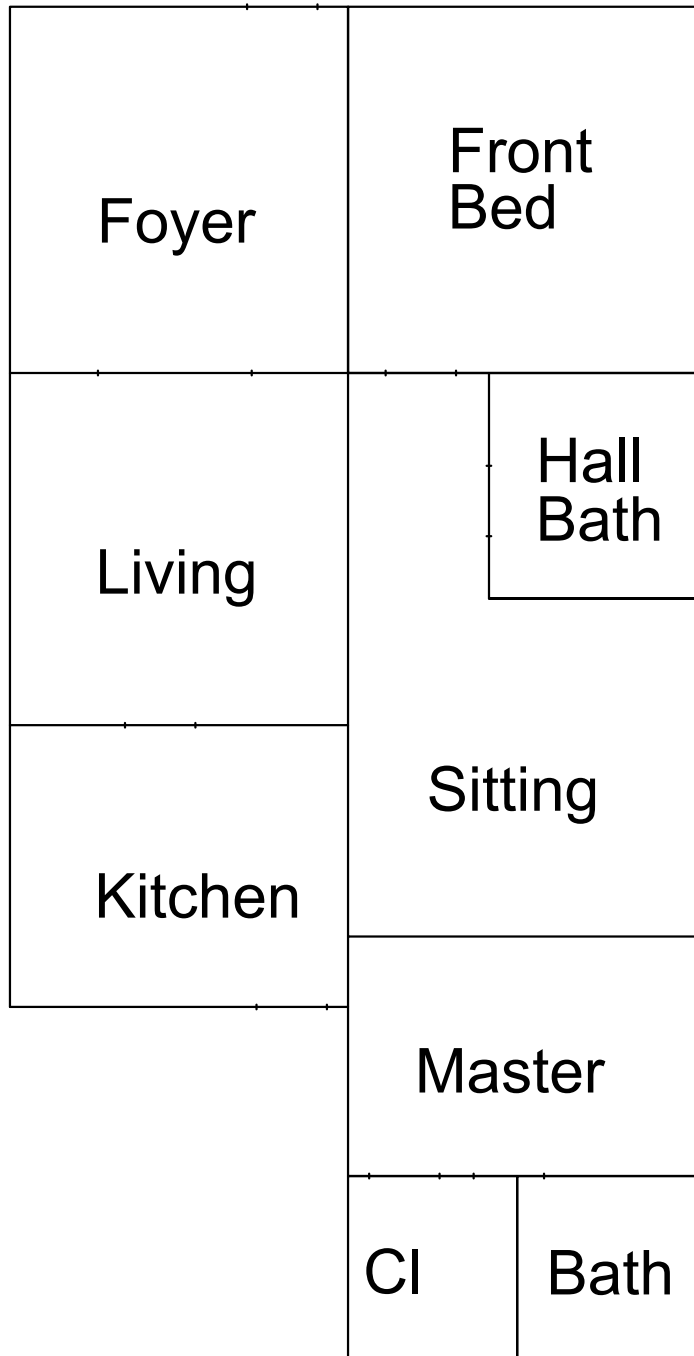
Senior Analyst
Alicia Stretz

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Chris Williams

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APPENDIX C
SAMPLE LOCATION DRAWINGS



SITE DRAWING

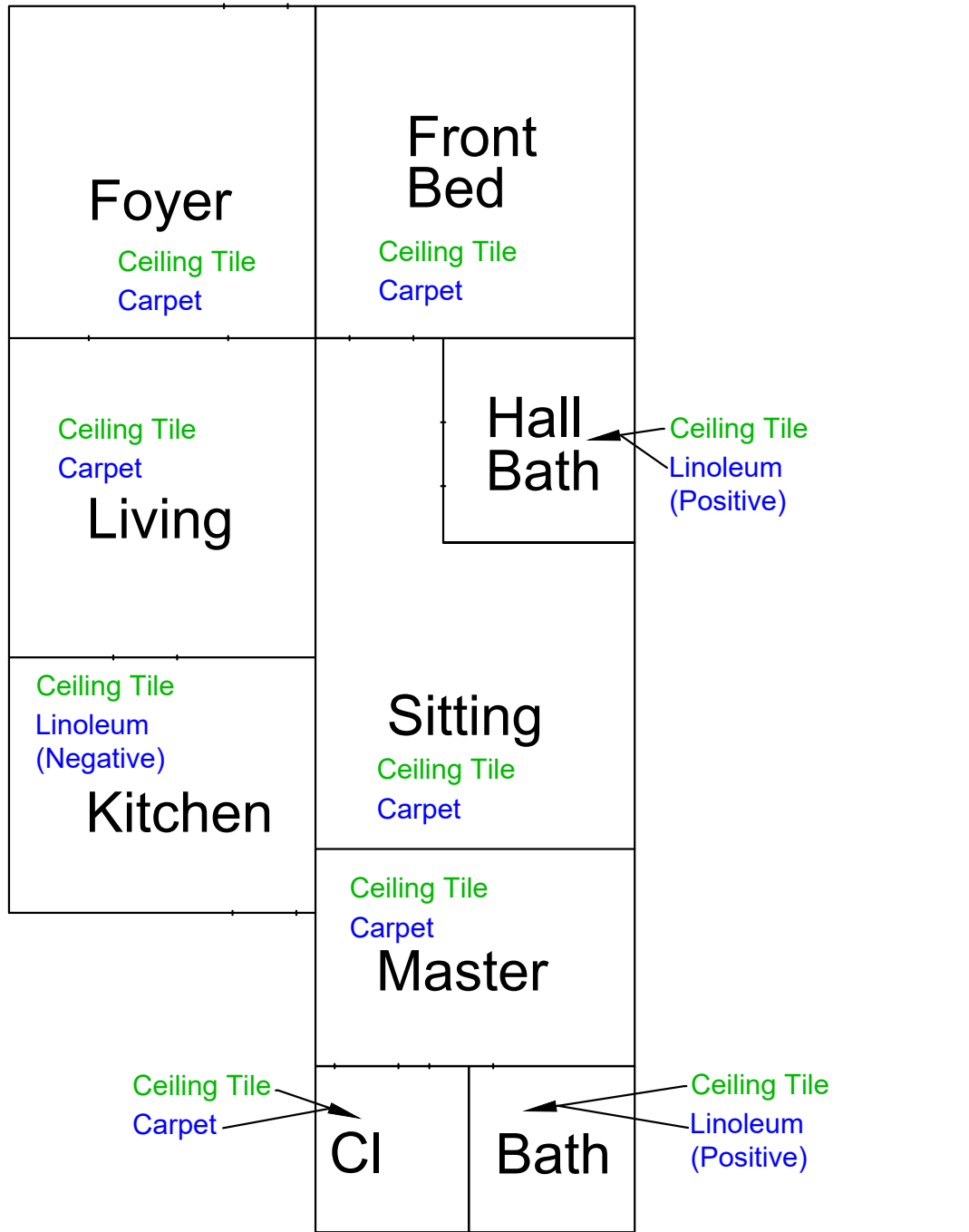
DOTD
LAFAYETTE CONNECTOR

**212 First Street
Lafayette, LA 70501**

Project No.	533-0032	Checked By
Drawn By	GC 10-19-21	Approved By
Rev. #:		Date:
Rev. #:		Date:

212 First





OBSERVED MATERIALS

Flooring
Ceiling

DOTD
LAFAYETTE CONNECTOR

**212 First Street
Lafayette, LA 70501**

Project No.	533-0032	Checked By
Drawn By	GC 10-19-21	Approved By
Rev. #:		Date:
Rev. #:		Date:



FS-21-287-004

Foyer

Front Bed

FS-21-287-006

FS-21-287-003

00-21-286-001

FS-21-287-001

FS-21-287-018

FS-21-287-017

FS-21-287-016

Living

Hall Bath

FS-21-287-014

FS-21-287-013

FS-21-287-015

FS-21-287-007

FS-21-287-008

FS-21-287-009

Kitchen

Sitting

FS-21-287-002

FS-21-287-005

Master

Cl

Bath

FS-21-287-011

FS-21-287-010

FS-21-287-012

Sample Locations

00-21-286-??? Negative for Asbestos

00-21-286-??? Positive for Asbestos

DOTD
LAFAYETTE CONNECTOR

212 First Street
Lafayette, LA 70501

Project No. 533-0032 Checked By

Drawn By GC 10-19-21 Approved By

Rev. #: Date:

Rev. #: Date:

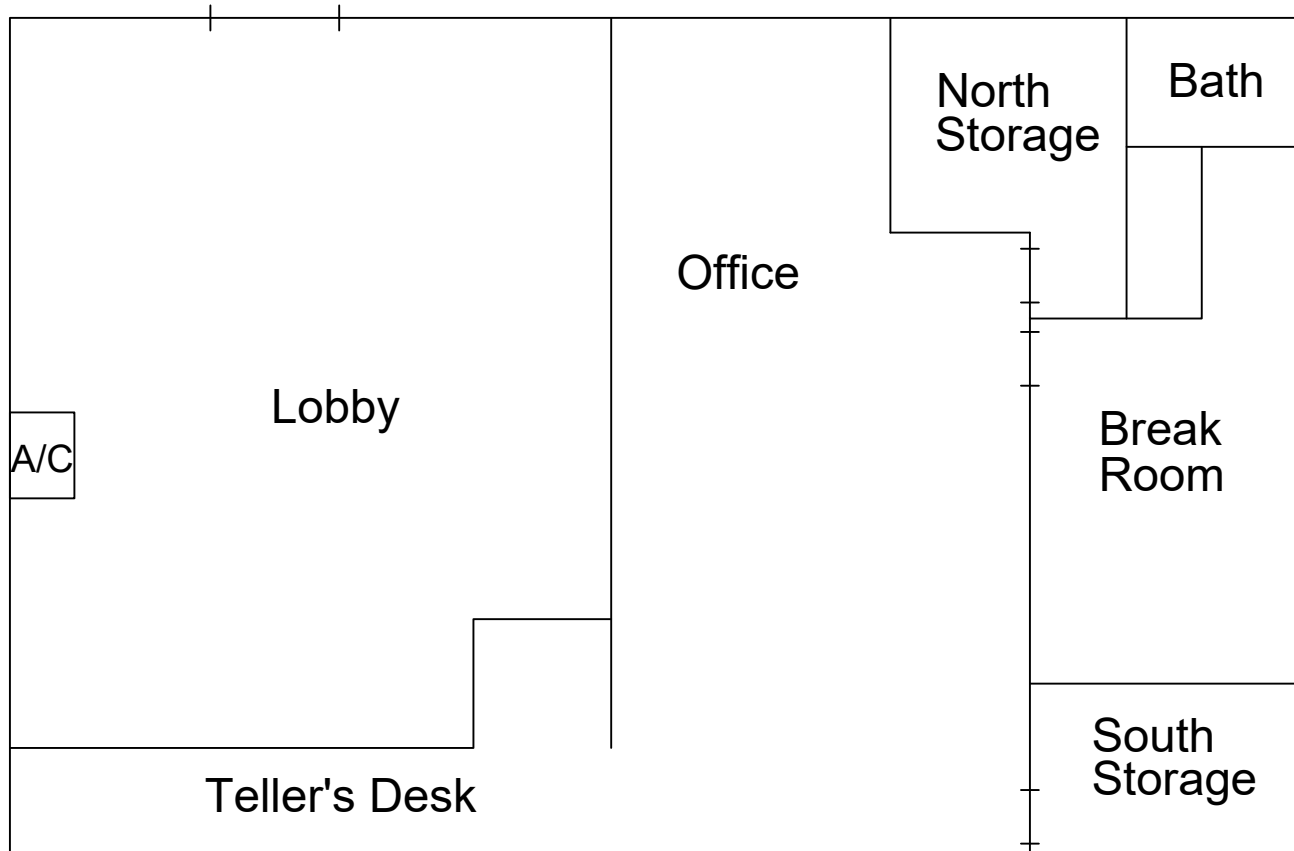


1B
Figure



212 First

SITE DRAWING



400 Mudd Ave.

DOTD
LAFAYETTE CONNECTOR

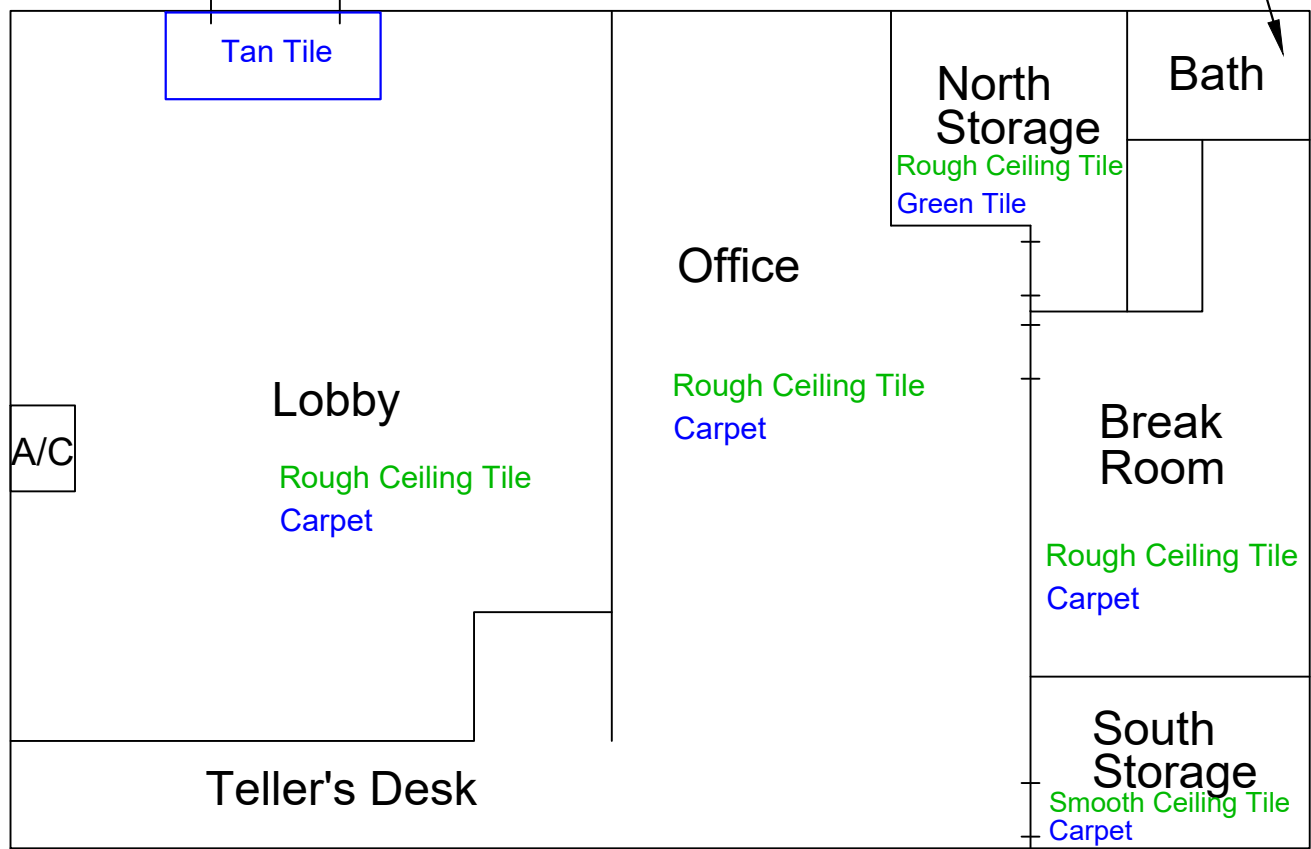
**400 Mudd Avenue
Lafayette, LA 70501**

Project No.	533-0032	Checked By
Drawn By	GC 10-19-21	Approved By
Rev. #:		Date:
Rev. #:		Date:



OBSERVED MATERIALS

Flooring
Ceiling



400 Mudd Ave.



DOTD
LAFAYETTE CONNECTOR

**400 Mudd Avenue
Lafayette, LA 70501**

Project No.	533-0032	Checked By
Drawn By	GC 10-19-21	Approved By
Rev. #:		Date:
Rev. #:		Date:



2A
Figure

Sample Locations

00-21-286-??? Negative for Asbestos
00-21-286-??? Positive for Asbestos

NOTE: No Asbestos Containing Materials found on this Inspection.

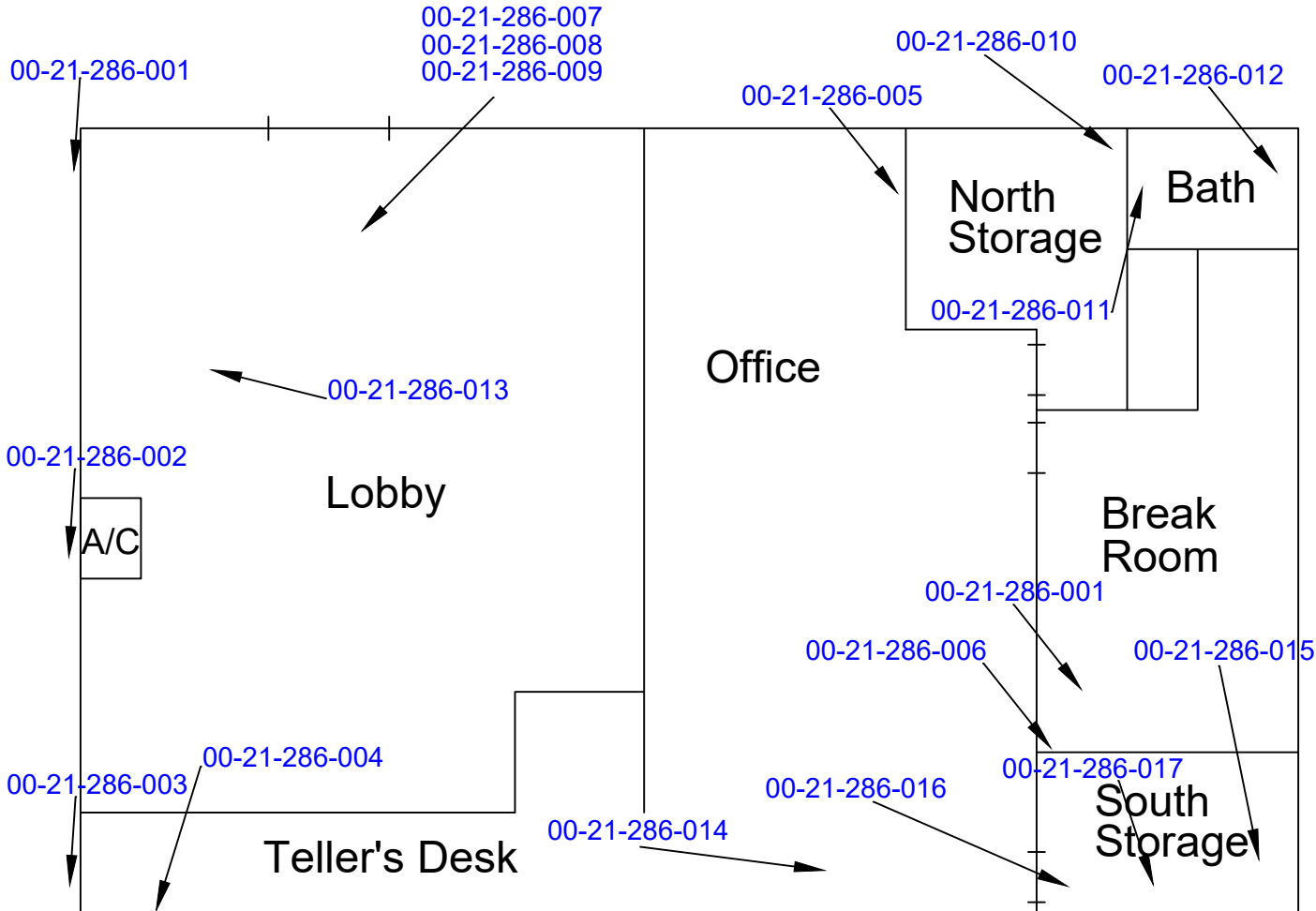
DOTD
LAFAYETTE CONNECTOR

**400 Mudd Avenue
Lafayette, LA 70501**

Project No.	533-0032	Checked By
Drawn By	GC	10-19-21
Rev. #:		Date:
Rev. #:		Date:

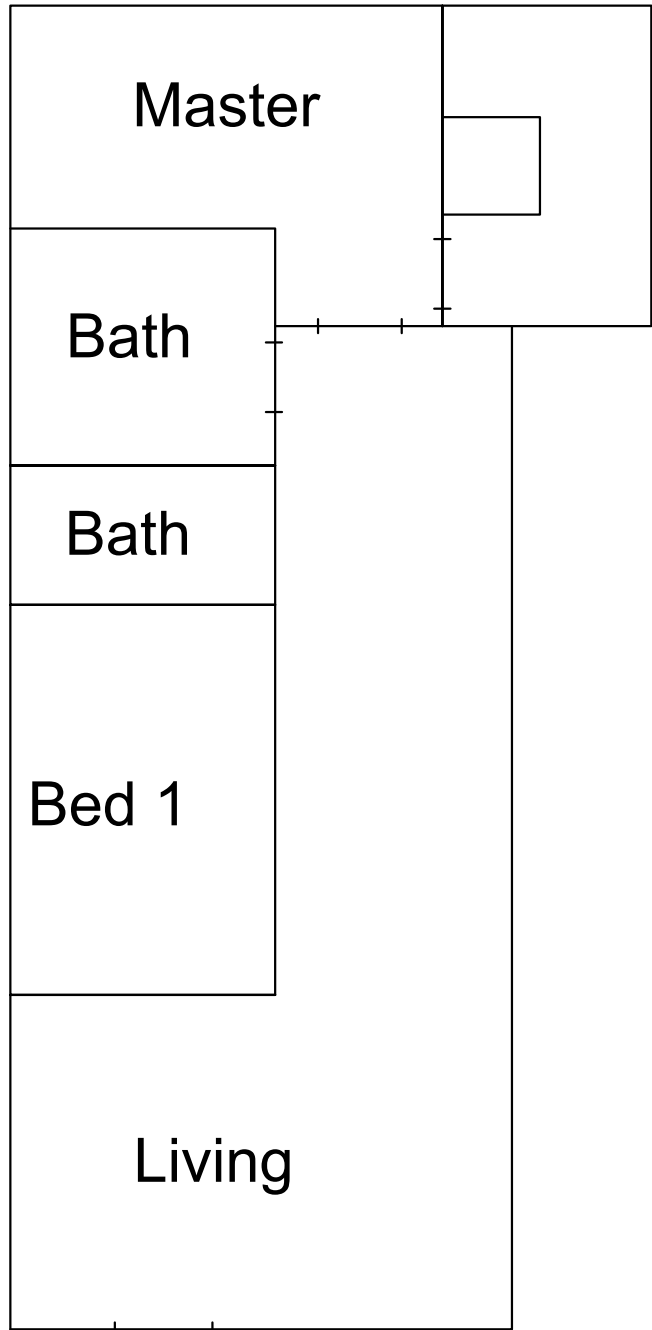


2B
Figure



400 Mudd Ave.





425 Sampson



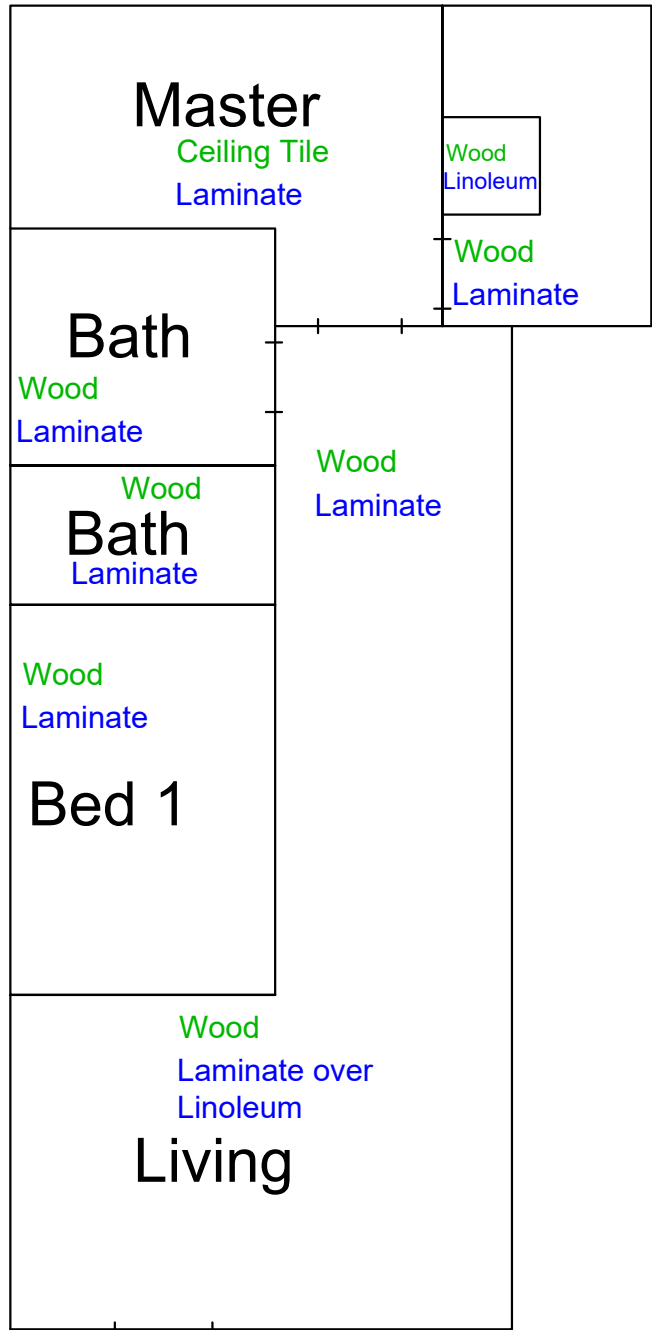
SITE DRAWING

DOTD
LAFAYETTE CONNECTOR

**425 Sampson
Lafayette, LA 70501**

Project No.	533-0032	Checked By
Drawn By	GC 10-19-21	Approved By
Rev. #:		Date:
Rev. #:		Date:





425 Sampson



OBSERVED MATERIALS

Flooring
Ceiling

DOTD
LAFAYETTE CONNECTOR

425 Sampson
Lafayette, LA 70501

Project No.	533-0032	Checked By
Drawn By	GC 10-19-21	Approved By
Rev. #:		Date:
Rev. #:		Date:



3A
Figure

00-21-286-001

Master

00-21-286-002

00-21-286-003

Bath

Bath

00-21-286-001

Bed 1

00-21-286-008

Living

00-21-286-007

00-21-286-010
00-21-286-011
00-21-286-012

00-21-286-006
00-21-286-005
00-21-286-004

00-21-286-009

425 Sampson



Sample Locations

00-21-286-??? Negative for Asbestos

00-21-286-??? Positive for Asbestos

NOTE: No Asbestos Containing Materials found on this Inspection.

DOTD
LAFAYETTE CONNECTOR

**425 Sampson
Lafayette, LA 70501**

Project No.	533-0032	Checked By
Drawn By	GC 10-19-21	Approved By
Rev. #:		Date:
Rev. #:		Date:



3B
Figure

**APPENDIX D
CERTIFICATION**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
Permit Support Services -- Asbestos

NAME: Austin Leopold
CERT: Inspector
ACCREDITATION #: 21189864
VALID: 8/26/2021 - 9/28/2022
CERT: Contractor/Supervisor
ACCREDITATION #: 2S189864
VALID: 8/26/2021 - 9/21/2022
AI #: 189864 *MD*

