

***Asbestos Survey Report***

***for***

***414 Avenue D  
Fort Pierce, FL***

# Professional Air Monitoring

February 20, 2018

L.E.B. Demolition & Consulting Contractor  
Mr. Dustin Beckford  
7 Harbour Isle Drive  
Fort Pierce, Florida 34949

RE: Asbestos Survey and Sampling  
414 Avenue D  
Ft. Pierce, FL

Dear Mr. Beckford,

Professional Air Monitoring has completed a limited field investigation on February 16, 2018 encompassing the physical assessment, sampling and analysis for suspect Asbestos Containing Building Materials (ACBM). This is a two story multi family home building previously used as a motel scheduled for demolition. Due to extensive damage to the 1<sup>st</sup> floor ceiling it was unsafe to access the 2<sup>nd</sup> floor. This investigation was requested and authorized on February 15, 2018.

The lab results indicated the *roofing (black tar with white gravel)* sample number 14-01 (estimated 5352 sq. ft.) contains 6% Chrysotile Asbestos. Any sample(s) that tested positive for Asbestos greater than 1% will need to be removed by a Florida licensed asbestos abatement contractor.

This report contains the results of the materials sampled, indicates the locations of the samples collected and summarizes pertinent observations made during our physical assessment. The survey was performed by Mr. Kris James, Asbestos Inspector Certification number AA071917IR04.

The following table provides a listing of all suspect materials, hazard assessments, quantities and laboratory results of the materials sampled by Mr. Kris James.

## 414 Avenue D; Ft. Pierce, FL

SAMPLE NO. & LOCATION	SUSPECT ACM MATERIAL SAMPLED	ANALYZED Y/N	ABESTOS PERCENTAGE	FRIABLE Y/N	PHYSICAL CONDITION	FIBER RELEASE POTENTIAL
14-01 5352 SF	Roofing (black tar with white gravel)	Yes	6% Chrysotile	No	Poor	High
14-02 5352 SF	Roofing (black tar with white gravel)	No	Positive Stop – Previous sample positive	No	Poor	High
14-03 5352 SF	Roofing (black tar with white gravel)	No	Positive Stop – Previous sample positive	No	Poor	High
14-04 Exterior	Stucco (white surface gray stucco)	Yes	NAD	No	Poor	High
14-05 Exterior	Stucco (yellow surfaced white plaster)	Yes	NAD	No	Poor	High
Layer 2	Stucco (gray stucco)	Yes	NAD	No	Poor	High
14-06 Exterior	Stucco (blue surfaced gray stucco)	Yes	NAD	No	Poor	High
14-07 Exterior Window & Door	Caulking (blue surfaced gray sealant)	Yes	NAD	No	Poor	Low
14-08 Exterior Window & Door	Caulking (blue surfaced gray sealant)	Yes	NAD	No	Poor	Low

**414 Avenue D; Ft. Pierce, FL**

<b>SAMPLE NO. &amp; LOCATION</b>	<b>SUSPECT ACM MATERIAL SAMPLED</b>	<b>ANALYZED Y/N</b>	<b>ABESTOS PERCENTAGE</b>	<b>FRIABLE Y/N</b>	<b>PHYSICAL CONDITION</b>	<b>FIBER RELEASE POTENTIAL</b>
14-09 5352 SF	Plaster Interior Walls (white plaster)	Yes	NAD	No	Poor	Low
Layer 2	Plaster Interior Walls (gray plaster)	Yes	NAD	No	Poor	Low
14-10 5352 SF	Plaster Interior Walls (blue surfaced white plaster)	Yes	NAD	No	Poor	Low
Layer 2	Plaster Interior Walls (gray plaster)	Yes	NAD	No	Poor	Low
14-11 5352 SF	Plaster Interior Walls (blue surfaced tan compound)	Yes	NAD	No	Poor	Low
Layer 2	Plaster Interior Walls (white plaster)	Yes	NAD	No	Poor	Low
14-12 5352 SF	Plaster Interior Walls (yellow surfaced white plaster)	Yes	NAD	No	Poor	Low
Layer 2	Plaster Interior Walls (tan plaster)	Yes	NAD	No	Poor	Low

**414 Avenue D; Ft. Pierce, FL**

<b>SAMPLE NO. &amp; LOCATION</b>	<b>SUSPECT ACM MATERIAL SAMPLED</b>	<b>ANALYZED Y/N</b>	<b>ABESTOS PERCENTAGE</b>	<b>FRIABLE Y/N</b>	<b>PHYSICAL CONDITION</b>	<b>FIBER RELEASE POTENTIAL</b>
14-13 5352 SF	Plaster Interior Walls (blue surfaced white plaster)	Yes	NAD	No	Poor	Low
Layer 2	Plaster Interior Walls (tan plaster)	Yes	NAD	No	Poor	Low
14-14 5352 Sf	Drywall & Joint Compound (white drywall with paper)	Yes	NAD	Yes	Poor	High
14-15 5352 Sf	Drywall & Joint Compound (white drywall with paper)	Yes	NAD	Yes	Poor	High
14-16 5352 Sf	Drywall & Joint Compound (white drywall)	Yes	NAD	Yes	Poor	High
14-17 5352 Sf	Drywall & Joint Compound (white compound)	Yes	NAD	No	Poor	High
Layer 2	Drywall & Joint Compound (white drywall with paper)	Yes	NAD	Yes	Poor	High
14-18 5352 Sf	Drywall & Joint Compound (white surfaced white compound)	Yes	NAD	No	Poor	High

**414 Avenue D; Ft. Pierce, FL**

<b>SAMPLE NO. &amp; LOCATION</b>	<b>SUSPECT ACM MATERIAL SAMPLED</b>	<b>ANALYZED Y/N</b>	<b>ABESTOS PERCENTAGE</b>	<b>FRIABLE Y/N</b>	<b>PHYSICAL CONDITION</b>	<b>FIBER RELEASE POTENTIAL</b>
Layer 2	Drywall & Joint Compound (white drywall with paper)	Yes	NAD	No	Poor	High
14-19	No Sample Submitted		No Sample Submitted			No Sample Submitted
14-20 1 <sup>st</sup> Floor near front entrance 50 SF	Beige Linoleum (tan linoleum)	Yes	NAD	No	Good	Low
14-21 1 <sup>st</sup> Floor Middle of building 150 SF	Black & White Peel and Stick (white & black self-adhesive floor tile)	Yes	NAD	No	Good	Low

**ACM – Asbestos Containing Material**  
**NAD – No Asbestos Detected**

**NA – Not Applicable**

**SF – Square Feet**  
**LF – Linear Feet**

The asbestos inspection was conducted in general accordance with AHERA guidelines using a minimum number of samples collected from each Homogeneous Sampling Areas, (HSA). A homogeneous sampling area can be described as any suspect asbestos material that is similar in appearance and texture, having the same installation date, use, and function. The inspection generally complies with the sampling requirements found in 40 CFR 763. Sample collection depends on the category that the HSA falls into and the professional judgment of the field inspector/surveyor.

If the analytical results indicated that all the samples collected per HSA did not contain asbestos, then the HA (material) would be considered a non-ACM. However, if the analytical results indicate *one* or *more* of the samples collected per HSA contains asbestos in quantities of greater than 1 percent asbestos by weight (as defined by EPA), all of the HSA (material) shall be treated as an ACM Material.

Friable materials and Category I and II non-friable materials, which have become friable are classified by EPA NESHAPs (40 CFR 61 M) as Regulated Asbestos Containing Materials (RACM), and must be removed by a State of Florida-licensed asbestos abatement contractor prior to building demolition. Category I non-friable ACMs shall not be subjected to abrasion, grinding, sanding or any other processes during demolition, which will render these non-friable materials friable. A ten-day notification must be submitted to the FDEP prior to the initiation of the abatement of more than 160 square feet or 260 linear feet of an RACM. Air monitoring to ensure that other areas of the building are not being contaminated with asbestos fibers should be performed by a licensed asbestos business organization during the abatement project. Final clearance air sampling should be performed to document that the consensus clean air standard of 0.01 fibers per cubic centimeter of air has been met.

Bulk samples were analyzed at CA Labs, LLC located in Baton Rouge, LA for asbestos analysis of bulk materials via EPA 600/R-93/116 method using Polarized Light Microscopy (PLM). PLM is the EPA-required method for analyzing bulk materials for asbestos.

This report is designed to aid the building owner, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM. **Under NO circumstances is this report to be utilized as a bidding document** or as a project specification document since it does not have all the components required to serve as an Asbestos Project Design document or an Abatement Work plan.

A copy of this report and laboratory analysis should remain on-site during demolition activities.


We appreciate the opportunity to be of service to you on this project. If you should have any questions concerning this report or our investigation, please do not hesitate to contact me, at (407) 492-8436

Very truly yours,



Paul Prizmonte, IH  
Asbestos Business License  
ZA379

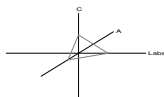
Pam Project #A180216B



Edward A. Nunez, CIH, LAC  
Florida Licensed Asbestos Consultant  
AX-0000048

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**Crisp Analytical, L.L.C.**  
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Carrollton, TX 75006  
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Fax 972-242-2798



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

## **Materials Characterization - Bulk Asbestos Analysis**

### **Laboratory Analysis Report - Polarized Light**

**Pro Air Monitoring, LLC**

P.O. Box 1192  
Goldenrod, FL 32733

**Attn:** Paul Prizmonte

Customer Project: 414 Ave. D. Ft. Pierce; A180216B

Reference #: CBR1802664

Date: 2/19/2018

### **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 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.

Baton Rouge NVLAP Lab Code 200772-0 TEM/PLM  
LDEQ

TDH 30-0370

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 Carrollton, TX 75006  
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Overview of Project Sample Material Containing Asbestos

Customer Project:		414 Ave. D. Ft. Pierce; A180216B		CA Labs Project #:	CBR1802664
Sample #	Layer #	Analysts Subsample	Physical Description of	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
					<b>Black Tar with White Gravel</b>
14-01	1		Black Tar with White Gravel	6% Chrysotile	
14-19			NO SAMPLE SUBMITTED		

Baton Rouge NVLAP Lab Code 200772-0 TEM/PLM  
**LDEQ**  
 TDH 30-0370

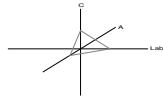
**Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):**

- |                  |              |                    |                          |
|------------------|--------------|--------------------|--------------------------|
| 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.

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## Polarized Light Asbestiform Materials Characterization

**Customer Info:** Attn: Paul Prizmonte  
**Pro Air Monitoring, LLC**  
P.O. Box 1192  
Goldenrod, FL 32733

**Customer Project:**  
414 Ave. D. Ft. Pierce;  
A180216B  
**Turnaround Time:**  
24 Hours

**CA Labs Project #:**  
CBR1802664  
**Date:** 2/19/2018  
**Samples Received:** 2/19/2018  
**Date Of Sampling:** 2/16/2018  
**Purchase Order #:**

Phone # 407-492-8436  
Fax #

Sample #	Com ment	Layer #	Analysts Physical Subsample	Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
14-01		1		Black Tar with White Gravel	N	6% Chrysotile		94% qu,bi
14-02		1		Black Tar with White Gravel	N	Positive Stop		
14-03		1		Black Tar with White Gravel	N	Positive Stop		
14-04		1		White Surfaced Gray Stucco	N	None Detected		100% qu,ma,bi,ca
14-05		1		Yellow Surfaced White Plaster	N	None Detected		100% qu,ma,bi,ca
		2		Gray Stucco	Y	None Detected		100% qu,ma,ca
14-06		1		Blue Surfaced Gray Stucco	N	None Detected		100% qu,ma,bi,ca

Baton Rouge NVLAP Lab Code 200772-0 TEM/PLM TDH 30-0370

### LDEQ

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:

Kyle Hoffpaur  
Analyst

Senior Analyst  
Alicia Stretz

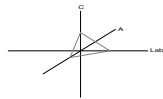
Laboratory Director  
Chris Williams

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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## Polarized Light Asbestiform Materials Characterization

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**Pro Air Monitoring, LLC**  
P.O. Box 1192  
Goldenrod, FL 32733

**Customer Project:**  
414 Ave. D. Ft. Pierce;  
A180216B  
**Turnaround Time:**  
24 Hours

**CA Labs Project #:**  
CBR1802664  
**Date:** 2/19/2018  
**Samples Received:** 2/19/2018  
**Date Of Sampling:** 2/16/2018  
**Purchase Order #:**

Phone # 407-492-8436  
Fax #

Sample #	Com ment	Layer #	Analysts Physical Subsample	Homogeneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
14-07		1	Blue Surfaced Gray Sealant	N	None Detected		100% qu,ma,bi,ca
14-08		1	Blue Surfaced Gray Sealant	N	None Detected		100% qu,ma,bi,ca
14-09		1	White Plaster	Y	None Detected		100% qu,ma,ca
		2	Gray Plaster	Y	None Detected		100% qu,ma,ca
14-10		1	Blue Surfaced White Plaster	N	None Detected		100% qu,ma,bi,ca
		10	Gray Plaster	Y	None Detected		100% qu,ma,ca
14-11		1	Blue Surfaced Tan Compound	N	None Detected		100% qu,mi,bi,ca

Baton Rouge NVLAP Lab Code 200772-0 TEM/PLM TDH 30-0370

### LDEQ

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:

Kyle Hoffpaur  
Analyst

Senior Analyst  
Alicia Stretz

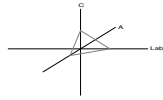
Laboratory Director  
Chris Williams

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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Phone # 407-492-8436  
Fax #

Sample #	Com ment	Layer #	Analysts Physical Subsample	Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		2	White Plaster		Y	None Detected		100% qu,ma,ca
14-12		1	Yellow Surfaced White Plaster		N	None Detected		100% qu,ma,bi,ca
		2	Tan Plaster		Y	None Detected		100% qu,ma,ca
14-13		1	Blue Surfaced White Plaster		N	None Detected		100% qu,ma,bi,ca
		2	Tan Plaster		Y	None Detected		100% qu,ma,ca
14-14		1	White Drywall with Paper		N	None Detected	10% ce	90% qu,gy
14-15		1	White Drywall with Paper		N	None Detected	10% ce	90% qu,gy

Baton Rouge NVLAP Lab Code 200772-0 TEM/PLM TDH 30-0370

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

Approved Signatories:

Kyle Hoffpaur  
Analyst

Senior Analyst  
Alicia Stretz

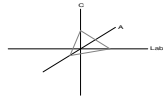
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Chris Williams

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**Polarized Light Asbestiform Materials Characterization**

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**Pro Air Monitoring, LLC**  
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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
14-16		1	White Drywall	N	<b>None Detected</b>	2% ce	98% qu,gy
14-17		1	White Compound	Y	<b>None Detected</b>		100% qu,mi,ca
		2	White Drywall with Paper	N	<b>None Detected</b>	10% ce	90% qu,gy
14-18		1	White Surfaced White Compound	N	<b>None Detected</b>		100% qu,mi,bi,ca
		2	White Drywall with Paper	N	<b>None Detected</b>	10% ce	90% qu,gy
14-19			NO SAMPLE SUBMITTED				
14-20		1	Tan Linoleum	Y	<b>None Detected</b>	10% fg 15% ce	75% qu,ma

Baton Rouge NVLAP Lab Code 200772-0 TEM/PLM TDH 30-0370

**LDEQ**

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:

Kyle Hoffpaur  
Analyst

Senior Analyst  
Alicia Stretz

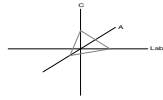
Laboratory Director  
Chris Williams

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

**CA Labs**  
Dedicated to  
Quality

**Crisp Analytical, L.L.C.**  
1929 Old Denton Road  
Carrollton, TX 75006  
Phone 972-242-2754  
Fax 972-242-2798



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

**Polarized Light Asbestiform Materials Characterization**

**Customer Info:** Attn: Paul Prizmonte  
**Pro Air Monitoring, LLC**  
P.O. Box 1192  
Goldenrod, FL 32733

**Customer Project:**  
414 Ave. D. Ft. Pierce;  
A180216B  
**Turnaround Time:**  
24 Hours

**CA Labs Project #:**  
CBR1802664  
**Date:** 2/19/2018  
**Samples Received:** 2/19/2018  
**Date Of Sampling:** 2/16/2018  
**Purchase Order #:**

Phone # 407-492-8436  
Fax #

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
14-21		1		White & Black Self-adhesive Floor Tile	Y	None Detected		100% qu,ma,bi

Baton Rouge NVLAP Lab Code 200772-0 TEM/PLM

TDH 30-0370

**LDEQ**

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
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bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
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# Professional Air Monitoring, LLC

P.O. Box 1192  
Goldenrod, Florida 32733  
Phone (407) 492-8436

# Bulk Asbestos Analysis Request

Page 1 of 1

Address 414 Ave. D. Ft. Pierce

Project # A180216 B Date 2/16/18

Turn Around Time: 24 Hr.

Check For Positive Stop - Clearly Identify Homogenous Group

Suspect ACM Material	Sample No.	Location	Est. Quantity of ACM (SF/LF)	Friable Yes/No	Physical Condition	Fiber Release Potential
<del>Roofing</del> 14-01-03	14-01-03	Roofing material		N	P	H
Exterior Stucco	14-04-06	Exterior Stucco		N	P	H
Caulking	14-07-08	Exterior window & door caulking	30-40	N	P	L
Plaster walls	14-09-13	Plaster interior walls	5352 SF	N	P	L
Drywall & joint	14-14-19	Drywall & joint ceiling	5352 SF	F	P	H
Berge linoleum	14-20	near front entrance 1st floor	50 SF	N	G	L
Black & white FC	14-21	1st floor middle of building peel & stick	150 SF	N	G	L
		2nd floor not safe to access				

Samples Relinquished By <i>Kris James</i>	Date Relinquished <i>2/16/18</i>	Samples Received By <i>all gl.</i>	Date Received <i>2.19.18 8:30am</i>	Sample Log-In	Sample Prep
Samples Relinquished By	Date Relinquished	Samples Received By	Date Received	Analyst	Analysis Date