

# LIMITED ASBESTOS SURVEY

PREPARED FOR:

Tetra Tech Attn: Ms. Ondrea Hummel 6121 Indian School Road NE, Ste. 205 Albuquerque, NM 87110

PROJECT:

Gibson Medical Center

2<sup>nd</sup> Floor

Gateway Phase I

5400 Gibson Blvd. SE

Albuquerque, NM 87108

KEI Job # 234045-1

March 1, 2023



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Drawings Certifications

# March 8, 2023

Tetra Tech Attn: Ms. Ondrea Hummel 6121 Indian School Road NE, Ste. 205 Albuquerque, NM 87110

**Project:** 

Limited Asbestos Survey Gibson Medical Center

2nd Floor

Gateway Phase I 5400 Gibson Blvd. SE Albuquerque, NM 87108 KEI Job # 234045-1

# Dear Ms. Hummel:

We are pleased to submit this report of the limited asbestos survey conducted at the property described above. This survey consisted of the collection of seventy-five (75) bulk samples following the federal AHERA and NESHAP rules and applicable state regulations regarding asbestos-containing materials in public buildings scheduled for renovation or demolition.

This survey was performed by Mr. Fernando Ocana; certified Asbestos Inspector, on March 1, 2023. Mr. Ocana has been trained in accordance with all applicable regulations.

We appreciate the opportunity to be of service to you. Please call if you have any questions or if we may be of further assistance.

Sincerely,

Fernando Ocana Asbestos Inspector Reviewed by,

Amarante Jaramillo JR General Manager Principal - In - Charge 50

## **SUMMARY**

The following are the findings of the limited asbestos survey performed at the Gibson Medical Center located at 5400 Gibson Blvd. SE, Albuquerque, NM 87108. The purpose of our survey was to identify, locate, and quantify suspect asbestos-containing materials (ACM), if any, which may have been disturbed during the demolition or renovation activities.

# The laboratory results indicate asbestos greater than 1% in the following building materials:

Homogeneous Area	Location (see attached drawing)
CMU Wall Texture	Corridor 238 – Upper Wall
Concrete Wall Texture	Corridor 238 – Upper Wall
Gray Ceiling Sealant	Room 276
Black Carpet Mastic	Room 266
12" Beige Floor Tile Mastic (On Wall Edges)	Corridor 265
Black Flooring Mastic	Throughout Northeast Area

Table 1 (Asbestos-Containing Materials)

# INTRODUCTION

The asbestos survey was conducted by Mr. Fernando Ocana on March 1, 2023, and was performed in accordance with the federal AHERA rules (40 CFR Part 763 Subpart E), the NESHAP regulations requiring an asbestos inspection for buildings scheduled for demolition or renovation (40 CFR Part 61.145), and applicable state regulations. During our site reconnaissance, forty-five (45) homogeneous areas were identified and consisted of the following:

Homogeneous Area	Location (see attached drawing)				
Ceiling Beam Fireproofing Insulation	Throughout Gateway Phase I				
Column Fireproofing Insulation	Throughout Gateway Phase I				
Ceiling Black Tar	Room 258, Corridor 254				
Flex Connector	Mechanical Room 203				
Pipe Metal Sleeve Caulking	Mechanical Room 203				
Foam Pipe Insulation	Mechanical Room 203				
Door Caulking	Corridor 283 – South Door				
Maroon Wall Sealant	Throughout Gateway Phase I				
Red Wall Sealant	Rooms 207, 218				
Light Gray Duct Mastic	Room 285				
Blue Flooring Materials (Top Layer)	Corridor by Room 207				
Flooring Materials (Bottom Layer)	Corridor by Room 207				
Orange Flooring Materials	Corridor by Room 243				
Window Caulking	Throughout Gateway Phase I Windows				
Ceiling Concrete Coating Materials	Throughout Northeast Area				
White Duct Mastic	Throughout Gateway Phase I				
Cement Board Materials	Restrooms 279				
CMU Wall Texture	Room 237 – Upper Wall				
Concrete Wall Texture	Room 237 – Upper Wall				
Cove Base Mastic	Throughout Gateway Phase I				
12" Pink Floor Tile and Mastic (Top Layer)	Corridor 283				

Floor Tile and Mastic (Bottom Layer)	Corridor 283
Flex Duct Insulation	Throughout Gateway Phase I
Large Pipe Insulation	Throughout Gateway Phase I
Small Pipe Insulation	Throughout Gateway Phase I
Dark Gray Duct Mastic	Throughout Gateway Phase I
Black Ceiling Sealant	Throughout Northeast Area
Yellow Flooring Mastic	Throughout Gateway Phase I
Gray Ceiling Sealant	Room 276
12" Floor Tile and Mastic	Room 214
Drywall Behind Metal Frames	Room 201 – South Wall
12" Tan/Beige Floor Tile and Mastic	Room 267
Black Carpet Mastic	Room 266
Flooring Materials	Room 284
Tan Linoleum	Room 217
12" Beige Floor Tile and Mastic (On Wall Edges)	Corridor 265
Pink Flooring Materials	Room 207
Beige Linoleum	Room 237
12" White with Gray Streaks Floor Tile and Mastic	Room 284
	Throughout Northeast Area (See Attached
Black Flooring Mastic	Drawing)
Wall Batt Insulation	Throughout Gateway Phase I
Linoleum Materials	Room 255
Duct Insulation	Throughout Gateway Phase I
Un-textured Drywall Materials	Throughout Gateway Phase I
Textured Drywall Materials	Throughout Gateway Phase I

Table 2 (Homogenous Areas Identified During the Inspection)

# **DESCRIPTION OF INSPECTED AREA**

This inspection at the Gibson Medical Center was limited to the 2nd floor Gateway Phase I area of the building. A mechanical room, offices, corridors, electrical rooms, storage areas, and restrooms were observed. Building materials tested included CMU (Concrete Masonry Unit) wall texture, concrete wall texture, gypsum wallboard, insulations, sealants, caulkings, and mastics. Floor finishes consisted of carpeting, linoleum, flooring materials, and resilient floor tile on concrete floors. Please note that at the time of the inspection ceiling and walls had been demolished. The flooring materials have been disturbed along with other building materials. In addition, installation of new building materials was in progress.

# SAMPLING PLAN

Prior to sampling, a visual survey was performed to establish homogeneous areas. Suspect Asbestos-Containing Materials (ACM) were touched by the inspector to determine their friability. Forty-five (45) homogeneous areas were established and at least one to six representative samples were taken of each area. A homogeneous area is considered as an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture. Non suspect building materials that were not sampled during this inspection include: concrete materials, glass,

metal, and wood materials. Destructive sampling was not performed to locate hidden and inaccessible materials.

# ANALYSIS OF BULK SAMPLES

A total of seventy-five (75) bulk samples were collected and submitted for analysis. Bulk samples collected were sampled following the AHERA protocol and were analyzed for asbestos content at Crisp Analytical Laboratories, LLC. in Carrollton, Texas utilizing Polarized Light Microscopy (PLM) with optical dispersion staining in accordance with the Environmental Protection Agency (EPA) interim Method 600/R-93/116. An asbestos-containing building material includes any asbestiform varieties of chrysotile, amosite, crocidolite, tremolite, anthophyllite, and actinolite containing greater than 1% of any of those substances as determined by appendix A, Subpart F, 40 CFR part 763 section 1. EPA NESHAP Part 61 defines friable ACM as when dry can be pulverized, crushed or reduced to a powder by hand pressure.

RESULTS

The analytical results indicate greater than 1 percent asbestos in the following building materials:

SAMPLE ID NO.	MATERIAL DESCRIPTION/ LOCATION	AHERA TYPE	NESHAP CATEGORY	ESTIMATED QUANTITY	CONDITION ASSESSMENT	ASBESTOS CONTENT
S-28	CMU WALL TEXTURE / ROOM 237 – UPPER WALL	MISCELLANEOUS	CATEGORY II NON-FRIABLE	40 SQUARE FEET	POTENTIAL FOR DAMAGE	2% CHRYSOTILE TAN SURFACED TAN COMPOUND
S-29	CONCRETE WALL TEXTURE / ROOM 237 – UPPER WALL	MISCELLANEOUS	CATEGORY II NON-FRIABLE	20 SQUARE FEET	POTENTIAL FOR DAMAGE	3% CHRYSOTILE TAN SURFACED TAN COMPOUND
S-49	GRAY CEILING SEALANT / ROOM 276	MISCELLANEOUS	CATEGORY II NON-FRIABLE	300 SQUARE FEET	POTENTIAL FOR DAMAGE	3% CHRYSOTILE GRAY SEALANT
S-53	BLACK CARPET MASTIC / ROOM 266	MISCELLANEOUS	CATEGORY I NON-FRIABLE	60 SQUARE FEET	POTENTIAL FOR DAMAGE	2% CHRYSOTILE TAN AND BLACK MASTIC
S-56	12" BEIGE FLOOR TILE AND MASTIC (ON WALL EDGES) / CORRIDOR 265	MISCELLANEOUS	CATEGORY I NON-FRIABLE	60 SQUARE FEET	DAMAGED	2% CHRYSOTILE TAN AND BLACK MASTIC

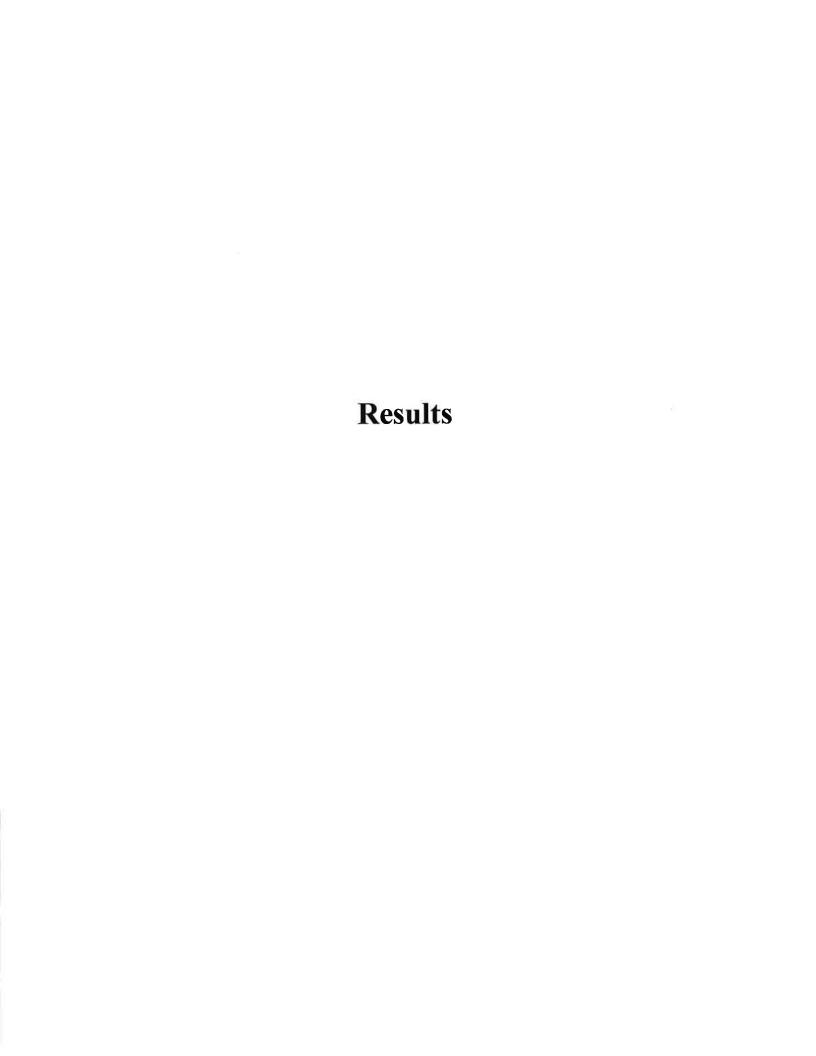
S-60 – S-61	BLACK FLOORING MASTIC / THROUGHOUT NORTHEAST AREA	MISCELLANEOUS	CATEGORY I NON-FRIABLE	4,150 SQUARE FEET	DAMAGED	2% CHRYSOTILE TAN AND BLACK MASTIC	
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Table 3 (Assessment and Estimated Quantities of Identified Asbestos-Containing Materials)

# **CONCLUSION**

A limited asbestos survey was performed at the Gibson Medical Center located at 5400 Gibson Blvd. SE, Albuquerque, NM 87108. Based on the laboratory analysis, the building materials mentioned in Tables 1 and 3 contain asbestos. See the attached sheets for estimated location of these materials. The quantities mentioned above are estimates and should be verified for abatement purposes. Federal and state regulatory requirements must be followed when disturbing asbestos-containing materials.

# **END OF REPORT**



# 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

# Materials Characterization - Bulk Asbestos Analysis

**Laboratory Analysis Report - Polarized Light** 

L & P Scientific Consulting, LLC

13291 Montana Ave El Paso, TX 79938 Attn: Miguel Dominguez

Customer Project: 23085, 5400 Gibson Blvd SE, Albuquerqu Reference #: CAL23031764AG Date: 03/06/23

## **Analysis and Method**

Summary of polarized 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 a stereomicroscope. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated 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 contain trace amounts of actinolite/tremolite. When not detected by PLM, these samples 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 contain a regulated 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.

Since allowable variation in quantification of samples close to 1% is high, <1% may be reported. 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 or "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). CA Labs is also accredited by AIHA LAP, LLC. in the PLM asbestos field of testing for Industrial Hygiene. All analysts have completed college courses or hold a degree in a natural science (geology, biology, or environmental science). Recognition by a state professional board in one these disciplines is preferred, but not required. Extensive in-house training programs are used to augment the educational background of the analyst. The Laboratory Director and Quality Manager have received supplemental McCrone Research training for asbestos identification. Analysis performed at Crisp Analytical Labs, LLC 1929 Old Denton Road Carrollton, TX 75006

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AJHA LAP, LLC Laboratory #102929

# 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

# Overview of Project Sample Material Containing Asbestos

Customer	Project:		23085, 5400 Gibson Blvd SE,	Albuquerque, NM 871	(CA Labs Project #: CAL23031764AG
Laboratory Sample ID	Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
18424	S-28	28-1	tan surfaced tan compound	2% Chrysotile	tan surfaced tan compound gray sealant
18425	S-29	<i>2</i> 9-1	tan surfaced tan compound	3% Chrysotile	tan and black mastic
18445	S-49	49-1	gray sealant	3% Chrysotile	_
					-
18449	S-53	53-1	tan and black mastic	2% Chrysotile	_
18452	S-56	56-2	tan and black mastic	2% Chrysotile	=
18456	S-60	60-1	tan and black mastic	2% Chrysotile	=
18457	S-61	61-1	tan and black mastic	2% Chrysotile	_

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP, LLC Laboratory #102929

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

ca - carbonate gypsum - gypsum bi - binder or - organic ma - matrix mi - mica pe - perlite qu - quartz fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic pa - palygorskite (clay)

 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.

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

3/1/2023

Non-

fibrous

# Polarized Light Asbestiform Materials Characterization

24 hours

Homo-

geneo

**Customer Project:** CA Labs Project #: Attn: Miguel Dominguez **Customer Info:** CAL23031764AG 23085, 5400 Gibson Blvd SE,

Analysts Physical Description of

Subsample

gray fireproofing

L & P Scientific Consulting, LLC 13291 Montana Ave

Sample #

S-1

915-838-1188

Layer

Com

ment

El Paso, TX 79938

Phone #

Laboratory

Sample ID

Fax #

18397

18403

Albuquerque, NM 87108 **Turnaround Time:** Date: 3/6/2023

Samples Rec'd: 3/3/23 10:30AM Date Of Sampling:

Purchase Order #: Asbestos type / Non-asbestos calibrated visual fiber type /

us estimate percent percent type / (Y/N) percent 95% None Detected 5% fg qu,pe,ca 95%

None Detected qu,pe,ca 5% fa 18398 S-2 2-1 gray fireproofing 95% None Detected 18399 S-3 3-1 gray fireproofing 5% fg qu,pe,ca

95% None Detected S-4 gray fireproofing 5% fg qu,pe,ca 18400 4-1

95% None Detected 18401 S-5 gray fireproofing 5% fg qu,pe,ca

95% aray fireproofina None Detected 5% fg 18402 S-6 6-1 qu,pe,ca

> TCEQ# T104704513-15-3 TDH 30-0235 Dallas NVLAP Lab Code 200349-0 TEM/PLM

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 gy - gypsum ve - vermiculite mw - mineral wool

bi - binder ot - other wo - wollastonite or - organic pe - perlite ta - talc ma - matrix gu - guartz sy - synthetic

br - brucite ka - kaolin (clay)

ce - cellulose

pa - palygorskite (clay) Approved Signatories:

Jest. Justin Cox

S-7

John Monaco Analyst Analyst

Jose Matute Analyst

black tar

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

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

5. Not enough sample to analyze

TRa

Technical Manager Tanner Rasmussen Senior Analyst Julio Robles

100% qu,bi

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

< 1% Result point counted positive

10. TEM analysis suggested

None Detected

Crisp Analytical, L.L.C.

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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

CA Labs Project #: Attn: Miguel Dominguez **Customer Project: Customer Info:** CAL23031764AG L & P Scientific Consulting, LLC 23085, 5400 Gibson Blvd SE,

Albuquerque, NM 87108

13291 Montana Ave El Paso, TX 79938

**Turnaround Time:** Date: 3/6/2023

estimate percent

24 hours

us (Y/N) Samples Rec'd: 3/3/23 10:30AM

type /

percent

percent

3/1/2023 915-838-1188 Phone # Date Of Sampling: Purchase Order #: Fax# Non-Laboratory Sample # Com Layer Analysts Physical Description of Homo-Asbestos type / Non-asbestos geneo calibrated visual fiber type / fibrous Subsample Sample ID ment

None Detected 100% qu,bi S-8 black tar 18404 8-1 None Detected 100% qu,ot 18405 S-9 gray rubber covering None Detected 100% gy,bi 18405 9-2 tan mastic 100% None Detected qu,gy,bi 18406 S-10 10-1 gray sealant 11-1 white foam insulation None Detected 100% qu,ot 18407 S-11 100% None Detected qu,bi,ca white surfaced black caulking 18408 S-12

> Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 gy - gypsum bi - binder

or - organic

ma - matrix

13-1 red mastic

mi - mica ve - vermiculite ot - other

fg - fiberglass mw - mineral wool wo - wollastonite

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

pe - perlite sy - synthelic au - auartz

pa - palygorskite (clay)

Approved Signatories:

100% gy,bi

Justin Cox

Analyst

18409

John Monaco

Analyst

Jose Matute

Analyst

Technical Manager Tanner Rasmussen

1.120

Senior Analyst Julio Robles

S-13

None Detected

<sup>1.</sup> Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

Fire Damage no significant liber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

<sup>4.</sup> Layer not analyzed - attached to previous positive layer and contamination is suspected

<sup>5.</sup> Not enough sample to analyze

<sup>6.</sup> Anthophyllite in association with Fibrous Talc 7. Contamination suspected from other building materials

<sup>8.</sup> Favorable scenario for water separation on vermiculite for possible analysis by another

<sup>9. &</sup>lt; 1% Result point counted positive

<sup>10.</sup> TEM analysis suggested

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.

Date: 3/6/2023

Samples Rec'd: 3/3/23 10:30AM

3/1/2023

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

# Polarized Light Asbestiform Materials Characterization

CA Labs Project #: **Customer Project:** Attn: Miguel Dominguez **Customer Info:** CAL23031764AG 23085, 5400 Gibson Blvd SE, L & P Scientific Consulting, LLC

Albuquerque, NM 87108 13291 Montana Ave

**Turnaround Time:** El Paso, TX 79938

915-838-1188 Date Of Sampling: Phone #

Purchase Order #:

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

24 hours

None Detected 100% gy,bi S-14 14-1 red mastic 18410 100% qu,gy,bi None Detected 18411 S-15 15-1 gray sealant 16-1 gray vinyl flooring None Detected 100% qu,ma 18412 S-16 None Detected 100% qu,ca 17-1 gray leveling compound 18413 S-17 100% qu,ma 18-1 tan vinyl flooring None Detected 18414 S-18 100% None Detected qu,bi,ca 18-2 gray caulking 18414

None Detected 100% fg 18-3 yellow insulation 18414

Dallas NVLAP Lab Code 200349-0 TEM/PLM

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 br - brucite av - avpsum ve - vermiculite mw - mineral wool wo - wollastonite ka - kaolin (clay) bi - binder ot - other

qu - quartz sy - synthetic

pa - palygorskite (clay) Approved Signatories: or - organic pe - perlite ta - talc

TCEQ# T104704513-15-3

Justin Cox John Monaco Analyst Analyst

Jose Matute Analyst

T. 120 Senior Analyst Technical Manager Tanner Rasmussen Julio Robles

<sup>1.</sup> Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

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

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

<sup>6.</sup> Anthophyllite in association with Fibrous Talc 7. Contamination suspected from other building materials

<sup>8.</sup> Favorable scenario for water separation on vermiculite for possible analysis by another

<sup>9 &</sup>lt; 1% Result point counted positive 10. TEM analysis suggested

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: Miguel Dominguez

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

Sample #

S-20

S-21

13291 Montana Ave El Paso, TX 79938

23085, 5400 Gibson Blvd SE,

CAL23031764AG

Albuquerque, NM 87108

**Turnaround Time:** 

Date: 3/6/2023

24 hours

(Y/N)

Samples Rec'd: 3/3/23 10:30AM

Phone #

915-838-1188

Date Of Sampling: Purchase Order #: 3/1/2023

Fax # Laboratory

Sample ID

Com Layer

ment

Analysts Physical Description of Subsample

Homo-Asbestos type / calibrated visual geneo estimate percent us

Non-asbestos fiber type / percent

Nonfibrous type / percent

18415 S-19

gray sealant

None Detected

100% qu,gy,bi

18415

19-2 yellow insulation

20-1

None Detected

None Detected

None Detected

100% fg

18416

18417

18418

20-2 white compound 18416

None Detected

mi,qu,bi,ca 100%

qu,bi,ca

100% qu,bi,ca

100%

100%

qu,gy,bi

S-22 white surfaced gray concrete

None Detected

n

100%

18419

S-23

23-1 white sealant

None Detected

qu,gy,bi

Dallas NVLAP Lab Code 200349-0 TEM/PLM

21-1 white surfaced gray concrete

gray sealant

TCEQ# T104704513-15-3 TDH 30-0235

AIHA LAP. LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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

gy - gypsum bi - binder

ve - vermiculite ot - other

mw - mineral wool wo - wollastonite

br - brucite ka - kaolin (clav)

or - organic ma - matrix

pe - perlite au - auartz ta - talc sy - synthetic pa - palygorskite (clay)

Approved Signatories:

Justin Cox

Jose Matute

Technical Manager Tanner Basmussen

Senior Analyst Julio Robles

Analyst

John Monaco Analyst

Analyst

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

T. Rea

8. Favorable scenario for water separation on vermiculite for possible analysis by another

9. < 1% Result point counted positive

10. TEM analysis suggested

Fire Damage significant fiber damage - reported percentages reflect unaftered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

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

5. Not enough sample to analyze

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

CA Labs Project #: **Customer Info:** Attn: Miguel Dominguez **Customer Project:** CAL23031764AG L & P Scientific Consulting, LLC 23085, 5400 Gibson Blvd SE,

13291 Montana Ave

El Paso, TX 79938

Albuquerque, NM 87108 **Turnaround Time:** Date: 3/6/2023

Samples Rec'd: 3/3/23 10:30AM

24 hours Phone # 3/1/2023 915-838-1188 Date Of Sampling: Fax # Purchase Order #: Analysts Physical Description of Non-asbestos Laboratory Homo-Asbestos type / Non-Sample # Com Layer geneo Sample ID Subsample calibrated visual fiber type / fibrous ment estimate percent percent type / us (Y/N) percent 18419 23-2 brown paper with foil None Detected 100% ce 100% None Detected 18420 S-24 white sealant qu,gy,bi 24-1 18420 24-2 brown paper with foil None Detected 100% ce None Detected 18420 24-3 red insulation 100% fg 100% 18421 S-25 25-1 white sealant None Detected qu,gy,bi 18421 25-2 brown paper with foil None Detected 100% ce

> Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3

# AIHA LAP, LLC Laboratory #102929

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

identification of asbestos types by dispersion attaining / becke line method. mi - mica

ca - carbonate gy - gypsum bi - binder or - organic

ma - matrix

25-3 red insulation

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

fg - fiberglass mw - mineral wool wo - wollastonite

ta - talc

sy - synthetic

ce - cellulose br - brucite

ka - kaolin (clav) pa - palygorskite (clay)

T. Rem

Approved Signatories:

Joseph Justin Cox

Analyst

18421

John Monaco Analyst

Jose Matute Analyst

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

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

5. Not enough sample to analyze

Technical Manager Tanner Rasmussen

Senior Analyst Julio Robles

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

100% fg

9. < 1% Result point counted positive

10. TEM analysis suggested

None Detected

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: Miguel Dominguez

Subsample

Analysts Physical Description of

tan surfaced tan compound

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

Sample #

13291 Montana Ave El Paso, TX 79938

23085, 5400 Gibson Blvd SE,

CAL23031764AG

Albuquerque, NM 87108

**Turnaround Time:** 

Date: 3/6/2023

24 hours

Samples Rec'd: 3/3/23 10:30AM

Phone #

915-838-1188

Date Of Sampling: Purchase Order #:

3/1/2023

Fax# Laboratory

Sample ID

Layer

Com

ment

Homogeneo

us

(Y/N)

Asbestos type / calibrated visual estimate percent Non-asbestos fiber type / percent

Nonfibrous type / percent

18422 S-26

gray cement

None Detected

100% qu,ot

18423

S-27 27-1 gray cement

None Detected

100% qu,ot

18424

28-1 tan surfaced tan compound S-28

2% Chrysotile

98% qu,bi,ca

> 97% qu,bi,ca

18425

30-1 tan mastic

None Detected

None Detected

3% Chrysotile

100% gy,bi

qu,mi,ca

100%

18426

18426

S-29

S-30

31-1 tan mastic

white compound

100% gy,bi

S-31 18427

None Detected

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 - celiulose

gy - gypsum bi - binder

ve - vermiculite ol - other

mw - mineral wool wo - wollastonite

br - brucite ka - kaolin (clav)

or - organic ma - matrix

pe - perlite qu - quartz ta - talc sy - synthetic pa - palygorskite (clay)

Approved Signatories:

Justin Cox

Jose Matute

T. Ren

Senior Analyst Julio Robles

Analyst

John Monaco Analyst

Analyst

Technical Manager Tanner Rasmussen

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

1. Fire Damage significant liber damage - reported percentages reflect unaltered libers Fire Damage no significant fiber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

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

8. Favorable scenario for water separation on vermiculite for possible analysis by another

91 < 1% Result point counted positive 10, TEM analysis suggested

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: Miguel Dominguez

Subsample

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

Sample #

13291 Montana Ave El Paso, TX 79938

23085, 5400 Gibson Blvd SE,

CAL23031764AG

Albuquerque, NM 87108 **Turnaround Time:** 

Date: 3/6/2023

24 hours

us

(Y/N)

Samples Rec'd: 3/3/23 10:30AM

Phone #

Layer

**Date Of Sampling:** 

3/1/2023

915-838-1188

Purchase Order #:

Non-

Fax# Laboratory Sample ID

Com

ment

Analysts Physical Description of Homogeneo

Asbestos type / calibrated visual estimate percent Non-asbestos fiber type / percent

fibrous type / percent

18427

31-2 white compound

None Detected

100% qu,mi,ca

S-32 18428

32-1 pink floor tile None Detected

100% qu,ca

32-2 tan mastic with debris

None Detected

None Detected

None Detected

100% gy,bi,ot

18429 S-33

33-1 tan mastic

100% gy,bi

100% qu,ca

18429

18429

18428

None Detected

100% gy,bi

18430

S-34

34-1 pink insulation

white floor tile

33-3 tan mastic

None Detected

100% fg

TDH 30-0235 Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116), All samples received in good condition unless noted. 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 ve - vermiculite lg - fiberglass

ce - cellulose

gy - gypsum bi - binder

ot - other

mw - mineral wool wo - wollastonite

br - brucite ka - kaolin (clay)

or - organic

pe - perlite qu - quartz ta - talc

pa - palygorskite (clay)

sy - synthetic

Approved Signatories:

Justin Cox

John Monaco Analyst

Jose Matute

Analyst

Technical Manager

Senior Analyst Julio Robles

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

2. Fire Damage no significant fiber damages effecting fibrous percentages

Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

Tanner Rasmussen 6. Anthophyllite in association with Fibrous Talc

TRe

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

9 < 1% Result point counted positive

10. TEM analysis suggested

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: Miguel Dominguez

Analysts Physical Description of

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

13291 Montana Ave El Paso, TX 79938

Sample #

23085, 5400 Gibson Blvd SE,

CAL23031764AG

Albuquerque, NM 87108 **Turnaround Time:** 

Date: 3/6/2023

24 hours

Samples Rec'd: 3/3/23 10:30AM

Phone #

915-838-1188

Layer

**Date Of Sampling:** Purchase Order #: 3/1/2023

Fax # Laboratory

Sample ID

18432

Com

ment

Homogeneo

us

(Y/N)

Asbestos type / calibrated visual

estimate percent

Non-asbestos fiber type / percent

Nonfibrous type / percent

S-35 18431

pink insulation

pink insulation

vellow insulation

Subsample

None Detected

100% fg

100% fg

S-37 18433

S-36

37-1 yellow insulation

None Detected

None Detected

None Detected

100% fg

18434 S-38

> yellow insulation S-39 39-1

None Detected

100% fg

100% fg

18436

18435

S-40

41-1 yellow insulation

40-1 yellow insulation

None Detected

None Detected

100% fg

100% fa

S-41 18437

TCEQ# T104704513-15-3

Dallas NVLAP Lab Code 200349-0 TEM/PLM

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 gy - gypsum

mī - mica ve - vermiculite fg - fiberglass

ce - cellulose

bi - binder

ot - other

mw - mineral wool wo - wollastonite

br - brucite ka - kaolin (clay)

or - organic ma - matrix

pe - perfite qu - quartz ta - talc sy - synthetic

pa - palygorskite (clay)

Approved Signatories:

Justin Cox Analyst John Monaco Analyst

Jose Matute Analyst T. Re

Technical Manager Tanner Rasmussen Senior Analyst Julio Robles

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

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

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

8, Favorable scenario for water separation on vermiculite for possible analysis by another

9. < 1% Result point counted positive

10. TEM analysis suggested

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:** 

El Paso, TX 79938

Attn: Miguel Dominguez

Subsample

Analysts Physical Description of

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

13291 Montana Ave

Sample #

23085, 5400 Gibson Blvd SE,

CAL23031764AG

Albuquerque, NM 87108 **Turnaround Time:** 

Date: 3/6/2023

24 hours

Samples Rec'd: 3/3/23 10:30AM

Phone #

**Date Of Sampling:** Purchase Order #: 3/1/2023

915-838-1188

Homo-Asbestos type /

Non-asbestos

Nonfibrous

Fax # Laboratory Sample ID

Layer

Com

ment

geneo us

(Y/N)

calibrated visual estimate percent fiber type / percent

type / percent

18438	S-42	42-1 yellow insulation	у	None Detected	100% fg	
						4000/
18439	S-43	43-1 gray sealant	у	None Detected		100% qu,gy,bi
						100%
18440	S-44	44-1 gray sealant	у	None Detected		qu,gy,bi
						100%
18441	S-45	45-1 gray sealant	у	None Detected		qu,gy,bi
						98%
18442	S-46	46-1 black sealant with foil	n n	None Detected	2% ce	qu,gy,bi,ot
						100%
18443	S-47	47-1 black sealant	у	None Detected		qu,gy,bi

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 ve - vermiculite fg - fiberglass

ce - cellulose

gy - gypsum bi - binder

48-1 tan mastic

ot - other

mw - mineral wool wo - wollastonite

br - brucite

or - organic ma - matrix

pe - perlite qu - quartz sy - synthetic

ka - kaolin (clay)

pa - palygorskite (clay)

Approved Signatories:

100% gy,bi

Justin Cox

Analyst

18444

John Monaco

Jose Matute Analyst

T. Re Technical Manager

Senior Analyst Julio Robles

Fire Damage significant fiber damage - reported percentages reliect unaltered fibers
 Fire Damage no significant liber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

S-48

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

Tanner Rasmussen

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

8. Favorable scenario for water separation on vermiculite for possible analysis by another

9. < 1% Result point counted positive

10. TEM analysis suggested

None Detected

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.

Date: 3/6/2023

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

# Polarized Light Asbestiform Materials Characterization

**Customer Project:** CA Labs Project #: Attn: Miguel Dominguez **Customer Info:** CAL23031764AG 23085, 5400 Gibson Blvd SE, L & P Scientific Consulting, LLC

Albuquerque, NM 87108 13291 Montana Ave

El Paso, TX 79938 Turnaround Time:

Samples Rec'd: 3/3/23 10:30AM 24 hours

3/1/2023 Phone # 915-838-1188 Date Of Sampling: Purchase Order #: Fax # Non-Laboratory Analysts Physical Description of Homo-Asbestos type / Non-asbestos Com Layer Sample # fiber type / fibrous calibrated visual Sample ID ment Subsample geneo estimate percent percent type / US (Y/N) percent 97% 3% Chrysotile qu,qy,bi 18445 S-49 gray sealant S-50 50-1 tan floor tile None Detected 100% qu,ca 18446 100% gy,bi None Detected 50-2 tan mastic 18446 None Detected 80% qu,gy 18447 S-51 white drywall with brown paper 20% ce 52-1 off-white floor tile None Detected 100% gu,ca S-52 18448 18449 S-53 53-1 tan and black mastic 2% Chrysotile 98% gy,bi

> TCEQ# T104704513-15-3 TDH 30-0235 Dallas NVLAP Lab Code 200349-0 TEM/PLM

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 gy - gypsum bi - binder or - organic

ma - matrix

54-1 tan floor tile

mi - mica ve - vermiculite ot - other pe - perlite

ou - quartz

fg - fiberglass mw - mineral wool wo - wollastonite

ta - talc

sv - synthetic

ce - cellulose hr - brucite ka - kaolin (clav) pa - palygorskite (clay)

Approved Signatories:

Justin Cox

Analyst

18450

John Monaco Analyst

Jose Matute Analyst Technical Manager

Senior Analyst Julio Robles

100% qu,ca

S-54

T. Rem

Tanner Rasmussen

None Detected

<sup>1.</sup> Fire Damage significant fiber damage - reported percentages reflect unaltered fibers 2. Fire Damage no significant fiber damages effecting fibrous percentages

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

<sup>5.</sup> Not enough sample to analyze

<sup>6.</sup> Anthophyllite in association with Fibrous Talc

<sup>7.</sup> Contamination suspected from other building materials

<sup>8.</sup> Favorable scenario for water separation on vermiculite for possible analysis by another

 <sup>9. &</sup>lt; 1% Result point counted positive</p>
 10. TEM analysis suggested

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: Miguel Dominguez

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

Sample #

13291 Montana Ave El Paso, TX 79938

23085, 5400 Gibson Blvd SE,

CAL23031764AG

Albuquerque, NM 87108

**Turnaround Time:** 

Date: 3/6/2023

24 hours

(Y/N)

Samples Rec'd: 3/3/23 10:30AM

Phone #

915-838-1188

Layer

Date Of Sampling:

3/1/2023

Fax #

Purchase Order #:

Laboratory Sample ID

Com ment

Analysts Physical Description of Subsample

Homogeneo US

Asbestos type / calibrated visual fiber type / percent estimate percent

Non-asbestos Nonfibrous type /

18450

54-2 tan mastic

None Detected

100% gy,bi

percent

18451

S-55 55-1 tan flooring None Detected

100% qu,pe,ca

18451

56-1 tan floor tile

None Detected

None Detected

100% gy,bi

100% gu,ca

18452

S-56

56-2 tan and black mastic

55-2 tan mastic with debris

2% Chrysotile п

98% gy,bi

18453

18452

S-57

57-1 tan floor tile

None Detected

100% qu,ca

18453

57-2 tan mastic

None Detected

100% gy,bi

TCEQ# T104704513-15-3 Dallas NVLAP Lab Code 200349-0 TEM/PLM

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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

gy - gypsum

mi - mica ve - vermiculite fg - fiberglass mw - mineral wool ce - cellulose

bi - binder

ot - other

wo - wollastonite

br - brucite ka - kaolin (clay)

TDH 30-0235

or - organic ma - matrix

pe - perlite au - quartz ta - talc sy - synthetic pa - palygorskite (clay) Approved Signatories:

Justin Cox

John Monaco

Jose Matute Analyst

Technical Manager Tanner Rasmussen

Senior Analyst Julio Robles

Analyst

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

3 Actinolite in association with Vermiculite

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

T. Rea

8. Favorable scenario for water separation on vermiculite for possible analysis by another

9. < 1% Result point counted positive

10. TEM analysis suggested

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: Miguel Dominguez

Subsample

Analysts Physical Description of

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

Sample #

23085, 5400 Gibson Blvd SE, Albuquerque, NM 87108

CAL23031764AG

13291 Montana Ave El Paso, TX 79938

**Turnaround Time:** 

Date: 3/6/2023

24 hours

Samples Rec'd: 3/3/23 10:30AM

Phone #

915-838-1188

Date Of Sampling:

3/1/2023

Fax #

Purchase Order #:

Laboratory Sample ID Com Layer

ment

Homogeneo us

(Y/N)

Asbestos type / calibrated visual estimate percent Non-asbestos fiber type / percent

15% ce

5% fg

Nonfibrous type / percent

18454

off-white linoleum S-58

None Detected

80% gy,ma

18455

S-59 off-white floor tile None Detected

100% qu,ca

18455

None Detected

2% Chrysotile

100% gy,bi

18456

S-61

S-60

61-1 tan and black mastic

60-1 tan and black mastic

2% Chrysotile

98% gy,bi

98% gy,bi

18458

18457

S-62

59-2 tan mastic

None Detected

n

S-63

63-1 off-white linoleum

15% ce

100% fg

tan insulation

None Detected

5% fg

18459

Dallas NVLAP Lab Code 200349-0 TEM/PLM

TCEQ# T104704513-15-3

TDH 30-0235

AIHA LAP. LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 gy - gypsum

mi - mica ve - vermiculite fg - fiberglass mw - mineral wool ce - cellulose

bi - binder or - organic ma - matrix

ot - other pe - perlite au - auartz wo - wollastonite ta - talc sy - synthetic

br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

Jes-Justin Cox

John Monaco

Jose Matute

Analyst

T-12-Technical Manager

Senior Analyst Julio Robles

Analyst

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 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

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

8. Favorable scenario for water separation on vermiculite for possible analysis by another

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

Tanner Basmussen

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

Date: 3/6/2023

# Polarized Light Asbestiform Materials Characterization

CA Labs Project #: **Customer Project:** Attn: Miguel Dominguez Customer Info: CAL23031764AG L & P Scientific Consulting, LLC 23085, 5400 Gibson Blvd SE,

13291 Montana Ave Albuquerque, NM 87108

**Turnaround Time:** El Paso, TX 79938

Samples Rec'd: 3/3/23 10:30AM 24 hours 3/1/2023 915-838-1188 Phone # Date Of Sampling:

Purchase Order #: Fax # Analysts Physical Description of Asbestos type / Non-asbestos Non-Homo-Sample # Laboratory Com Laver calibrated visual fiber type / fibrous Sample ID ment Subsample geneo estimate percent percent type / US (Y/N) percent

20% ot brown paper with foil None Detected 80% ce 18460 S-64 64-2 white insulation None Detected 100% fg 18460 None Detected 100% fg white insulation 18461 S-65 S-66 66-1 white compound None Detected 100% gu,ca 18462 80% None Detected 20% ce qu,gy,bi 66-2 white drywall with brown paper п 18462 None Detected S-67 white compound 100% qu,ca 18463

> TCEQ# T104704513-15-3 Dallas NVLAP Lab Code 200349-0 TEM/PLM

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116), All samples received in good condition unless noted. 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 ve - vermiculite mw - mineral wool gy - gypsum

Jose Matute

Analyst

67-2 white drywall with brown paper

bi - binder ot - other wo - wollastonite or - organic pe - perlite ta - talc sy - synthetic ma - matrix gu - guartz

ka - kaolin (clav) pa - palygorskite (clay)

n

Analyst Analyst

John Monaco

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

2. Fire Damage no significant fiber damages effecting fibrous percentages

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

5. Not enough sample to analyze

Justin Cox

18463

T. 12a\_

ce - cellulose

br - brucite

Technical Manager Senior Analyst Julio Robles Tanner Rasmussen

20% ce

80% qu,gy

Approved Signatories:

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

9. < 1% Result point counted positive

10. TEM analysis suggested

None Detected

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.

Date: 3/6/2023

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

# Polarized Light Asbestiform Materials Characterization

**Customer Project:** CA Labs Project #: Attn: Miguel Dominguez **Customer Info:** CAL23031764AG 23085, 5400 Gibson Blvd SE, L & P Scientific Consulting, LLC

Albuquerque, NM 87108 13291 Montana Ave

**Turnaround Time:** El Paso, TX 79938

24 hours Samples Rec'd: 3/3/23 10:30AM 3/1/2023 Phone # 915-838-1188 Date Of Sampling:

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

None Detected 100% qu,ca white compound 18464 S-68 None Detected 18464 white drywall with brown paper 20% ce 80% qu,gy None Detected 100% qu,ca white compound S-69 18465 None Detected 20% ce 80% qu,gy 18465 white drywall with brown paper 100% off-white surfaced white None Detected qu,bi,ca S-70 compound 70-1 n 18466 100% qu,ca None Detected 18466 white compound (beneath tape)

> Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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.

fg - fiberglass ca - carbonate mi - mica

mw - mineral wool ve - vermiculite gy - gypsum wo - wollastonite bi - binder ot - other

70-3 white drywall with brown paper

ta - talc pe - perlite or - prganic

sy - synthetic qu - quartz ma - matrix

Jose Matute

Analyst

pa - palygorskite (clay)

ce - cellulose

ka - kaolin (clay)

br - brucite

Approved Signatories:

80% qu,gy

Justin Cox John Monaco Analyst

Fire Damage significant liber damage - reported percentages reflect unaltered libers

2. Fire Damage no significant liber damages effecting fibrous percentages

3. Actinolite in association with Vermiculite

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

18466

Technical Manager Tanner Rasmussen

None Detected

Senior Analyst Julio Robles

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

T. Rea

8. Favorable scenario for water separation on vermiculite for possible analysis by another

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

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

CA Labs Project #: **Customer Project: Customer Info:** Attn: Miguel Dominguez CAL23031764AG 23085, 5400 Gibson Blvd SE,

L & P Scientific Consulting, LLC

13291 Montana Ave El Paso, TX 79938

Albuquerque, NM 87108

**Turnaround Time:** 24 hours

Date: 3/6/2023 Samples Rec'd: 3/3/23 10:30AM

3/1/2023 Phone # 915-838-1188 Date Of Sampling: Fax# Purchase Order #: Non-Asbestos type / Non-asbestos

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

None Detected 100% qu,bi 71-1 white surfacing with debris S-71 18467 None Detected 20% ce 80% qu,gy 18467 71-2 white drywall with brown paper n off-white surfaced white 100% None Detected qu,bi,ca 72-1 compound S-72 n 18468 white compound (beneath tape) None Detected 100% qu,ca 18468 None Detected 20% ce 80% qu,gy 72-3 white drywall with brown paper 18468

off-white surfaced white 100% None Detected au.bi.ca 18469 S-73 73-1 compound

18469 TCEQ# T104704513-15-3 TDH 30-0235 Dallas NVLAP Lab Code 200349-0 TEM/PLM

73-2 white compound (beneath tape)

# AIHA LAP, LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 gy - gypsum bi - binder or - organic

ma - matrix

mi - mica ve - vermiculite at - other pe - perlite qu - quartz

fg - fiberglass mw - mineral wool wo - wollastonite ta - talc

sy - synthetic

ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

T. Rea

Approved Signatories:

100% qu,ca

John Monaco Justin Cox Analyst Analyst

Jose Matute Analyst

Senior Analyst Technical Manager Tanner Rasmussen Julio Robles

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

8. Favorable scenario for water separation on vermiculite for possible analysis by another

9 < 1% Result point counted positive

10. TEM analysis suggested

None Detected

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

Fire Damage no significant liber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

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

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: Miguel Dominguez

Subsample

Analysts Physical Description of

**Customer Project:** 

CA Labs Project #:

L & P Scientific Consulting, LLC

Sample #

23085, 5400 Gibson Blvd SE, Albuquerque, NM 87108

CAL23031764AG

13291 Montana Ave El Paso, TX 79938

**Turnaround Time:** 

Date: 3/6/2023

24 hours

Samples Rec'd: 3/3/23 10:30AM

Phone #

915-838-1188

Layer

Date Of Sampling: Purchase Order #:

3/1/2023

percent

Fax # Laboratory

Sample ID

Com

Homogeneo

us (Y/N) Asbestos type / calibrated visual

Non-asbestos fiber type / estimate percent percent

Nonfibrous type /

73-3 white drywall with brown paper 18469 off-white surfaced white 18470 compound

None Detected

20% ce

80% qu,gy

100%

S-74 74-1

None Detected

qu,bi,ca

white drywall with brown paper 18470

None Detected

80% qu,gy 20% ce

off-white surfaced white 18471 S-75 75-1 compound

None Detected

100% qu,bi,ca

18471

75-2 white compound (beneath tape)

None Detected

100% qu,ca

Dallas NVLAP Lab Code 200349-0 TEM/PLM TCEQ# T104704513-15-3 TDH 30-0235

# AIHA LAP. LLC Laboratory #102929

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116). All samples received in good condition unless noted. 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 gy - gypsum

mi - mica ve - vermiculite fg - fiberglass mw - mineral wool

ce - cellulose br - brucite

bi - binder ot - other pe - perlite or - organic ma - matrix au - auartz wo - wollastonite ta - talc sv - synthetic

ka - kaolin (clav) pa - palygorskite (clay)

T. Rem

Approved Signatories:

Justin Cox Analyst John Monaco

Jose Matute Analyst Technical Manager

Senior Analyst Julio Robles

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 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

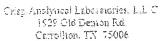
Tanner Rasmussen

7. Contamination suspected from other building materials

8. Favorable scenario for water separation on vermiculite for possible analysis by another

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

ER LIBS



Phone: \$72-242-275# Pen: \$72-242-275\$ !Mobils: \$72-\$87-7515 (\$72-963-6610)

Signature Date Time

Complet received

				$\subseteq$	hein of Cus	rody						
Client Nan Client Add			14.7 S	n taina	AUR	THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN COLUMN	bs Job # Address: erent)	CA	123031 Sam			
Phone Nur Fax Numb Send Repo	er:	10	9187830	<u>-1188</u> -1166	sienlitic co	Project	Name: Number:	<u>S</u> 4			ud SE, Alb	7~e17~e, NA 87108
Contact:_	Wig	ne[	Demin	(E 34	]	Repor	Results: Via: Email	1940	FAX_	_Ve	bal	
Total:	# Sample	es Sub	mitted:	Teta	i#Szmples	to be	Anzłyzed:		Materi Air / Su	W/W	ater	28.
			Please ii	rdicate	appropriate	turr	around tin	ie.	Colle	cteo	3/1/27	5
Asbestos:			please call al	read for t	availability of a	all rus	h and/or after	hours	samples			
	TEM		TA Time		PLM		TA Time	(	Optical / IA	Q	TA Time	
Circle analys	is and select T	A time		Circle and	hais and select TA to	inte	2 hour	PCM	: NIOSH 7400		Note TAT	
AHERA			4 hour	EPA 60	00- PLM Bulk	>	4 hour		gen Particle:		24 hour	
EPA Lev			8 hour 24 hour				8 hour		bulk/swab ex-d cassettes		2 days 3 days	
Drinking Wipe	Water		2 days	AHER	A		2 days		-cell cassettes		5 days	
Micro-va	LC .		3 days				3 days		rson cultures		Specify	
NIOSH 7			5 days	Point C			5 days		/swab cultures		Mold or	
Chatfield	Bulk	أكنت		(NESH	APS)		L	Back	eria cultures		bacteria	
Lead:	Cir.	ele anoly	sis and select TA to	ine								
Matrix		-	aint Chips		Soil		A.ir	Γ	Wipes	W	asiewater	
TA Tin			8 hour	_	1 day	<u> </u>	2 days	-	3 days	***	5 days	
IF I III	ELOI		Ollows		1 0.03		2 4475	L	J days		3 0238	
Sample Int	formation:	:										
mple mber:		-	Description:		Sar	nple I	ocation:		Volume: (if applicabl		ample Date/Ti	nte:
5'-1	Ceilin	Rear	n Firepro	offer	Insolution	8	500m 24	4				
S-2 S-3	J		1	J		Ros	m 202					
5-3			7			Ro	om 27	3				
S-Y	Colum	nn i	Fire Pros	fln I	nsolction		Locar 21					
5-5			au law ear	٠ ر			7					
S-6						Ros	m 241	1). i	fall			
5-7	Con	line	Black Tar Room 2		1 528							
s→ S-8		. 7	Corridor 25		or 254							
5-9	FI.	ex (	sinector	•			Rm 22	23				
5-10			1 Sleeve		4							
5-11			Pipe In				4					1
	Informatio				ر د		3/2/23		MAR	:30AM 0 3 21		

Eignanne / Dete / Time

Semples relanguished:



# Chain of Custody

Chent Name:	C&P Cier	the Constinu	CA Labs Job #	CAL 2303 1764
Client Address:		nhana Ave	Billing Address: (if different)	Same
Phone Number:	1915 838	-1188	P.O. # .	
Fax Number:	(918) 83	8-1166	Project Name:	5400 Gibson Blud SE
Send Reports to:	m. domingue	20 Poientifi	Project Number:	23085
Total # Samp	oles Submitted:	Total # Sam	ples to be Analyzed:	Material Matrix: Air (Bulk) Water

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L):
5-12	Door Caulting	Cogidor 283-5. 1	ງຄວາ
5-13	Maronn Wall Spalen	Mech Room-N.	
5-14	Red well scalant	Room 207-5	
5-15		16 Room 285	
5-16	Rive Flooring Mat (To	playor) Corridor by R	eom 207
5-17	Flooring Mut (Bottom	layer) +	
5-18	Orange Flaving Met	Corridor by Room	~ 243
5-19	Window Caultin	1200m 273	
5-20	1 2	Room 274	
5-21	Ceiling Concrete Country	Hot Room 253	
5-22		Corridor 251	
S-23	White Duct Mastic	1 200m 207	
5-24	1	Corridor 251	<u> </u>
5-25	<b>b</b>	Room 258	
5-26	Cementboard Me	RR 279-Sho	wer Area
5-27	1		
2-58	CMU Wall Texture	Corridor 238-	Upperhall
5-29	Concrete Wall Texture		
S-30	Cove Bose Mastic	Room 284-	Dilud!
5-31		Room 201-	while
5-32		Str (Toplayer) Cor	ridex 783
5-33	Floor tile & Mestil		<u> </u>

¥2		e e	10:30AM
Custody Information:	_	7/2/23	MAR 0 3 2023
Samples velinquished:	-I-10-	Samples received.	27 11
-	Signature / Date / Time		Signature / Date / Time
Samples relinquished	1 % 10 % p 10 m	Semples received:	/N
2000	Signature Duc / Time		Signature / Date / Time

10:30AM



# Chain of Custody

Cirent Name:	C&P Cier	difeCoralling	CA Labs Job #	CAL 2303 1964
Client Address:		interna Ave.	Billing Address: (if different)	Same
Phone Number:	1915 828	-1128	P.O. # .	11. 1/4
Fax Number:	(918) 83	8-1166	Project Name:	5400 Gibson Blud SE
Send Reports to:	m. domingue	2019sientifi	Project Number:	23085
Total # Samp	les Submitted:	Total # Sam	ples to be Analyzed:	Material Matrix: Air / Bulk) Water

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L):
5-34	Hex duct Insulation	Room zoz	
5-35		1200m 274	
5-36	4	Room 273	
5-37-	Large Pipe Insulat	Joh Room 219	
5-38		Prom 269	
5-39	4	200m 202	
2-46	Small Pipe Ins	Vallon Corridor 25	
5-41		Comidar 238	
S-43	b	Room Z48	
5-43	Dark Gray Duct Mo	His Corndor 271	
S-44		200m 256	
5-45	Ь	Room 274	ļ
5-46	Black Ceiling Section	H Room 276	
5-47	J 6	200m 264	
5-48	Yellow Flooring Mu	Slic Corridor 23	9
८-५९	Gray Ceiling Scala.		
5-50	12" How Tile & Mes	14 Room 214	
5-51	Drywall behind Het	offrence Room 201	-S. wall
5-52		the amestir Loom	
5-53 13	lack Carpet Mustic	Poom Zib	1
5-54	Hooring Met	1 200m 284	
5-55	1 Jan Unokum	Room 217	

Custody Information:

Samples relinquished:

Signature / Deta / Time

Samples relinquished:

Signature / Deta / Time

Signature / Data / Time

Signature / Data / Time

Signature / Data / Time

300 in 15



# Chain of Custody

Client Name:	CAPCIE	Histoconsting_	CA Labs Joh #	CAL 2303 1764
Chient Address:		ntena Ave. Tx 79938	Billing Address: (if different)	Jame
Phone Number:	1915 828	-1188	P.O. #.	
Fax Number:	(915) 83	8-1166	Project Name:	5400 Gibson Blud SE
Send Reports to:	ng. dominque	a Olpsientific	Project Number:	23035
Total # Samp	les Submitted:	Total # Samp	les to be Analyzed:	Material Matrix: Air / Kulk/ Water

Sample Number:	Sample Location:		Sample Volume (L):
5-56	12" Beige Host Tile & Mar	tic ( on walledges ) Corri	dor 265
S-57 S-58	Pint Flooring Met	Room 207	
5-58	Beise Linoleum	200m 237	
5-59	12" White W/Gray Strecks	FTHMANC Prom 28	Η
5-60	Black Flooring Mastel	200m 263	
S-61	1	Corridor 251	
5-62	Wall batt Insolation	Room 201-5.	hall
5-63	Linakum Mat	200 m 255	
5-64	Duck Insulation	Porm 202	
5-65	<u> </u>	Room 244	
5-6 <u>k</u>	Un-textured Doyudl	200m 236-6	u well
5-67		Carridor 271-4	i livel
5-68		Room 737-5	s well
5-69	4	Room 229.	-sinell
5-70	Textured Dryund	Enall	
5-71	1	Doom 214	-Euch
5-7-2		1 Room 202	
S- <del>1</del> 3		Loom 283-1	w. well
5-41		Room 269	-W.us V
5-75	1	Room 245	-wwll

Custody Information:

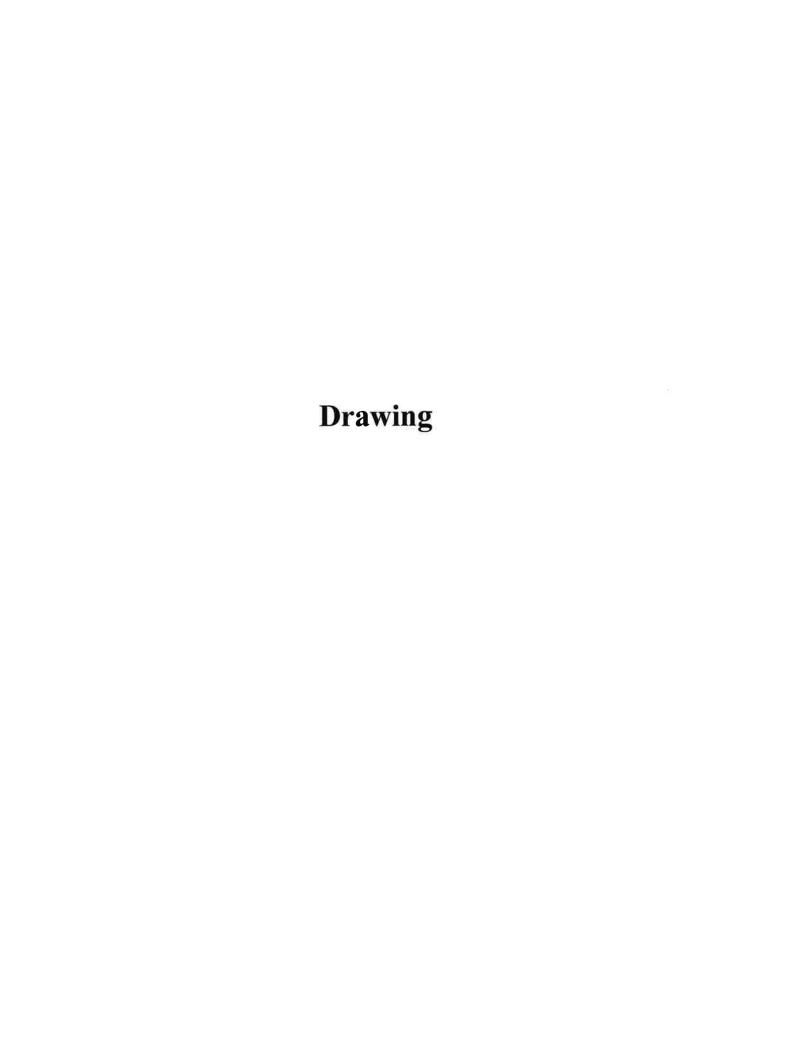
Samples relinquished

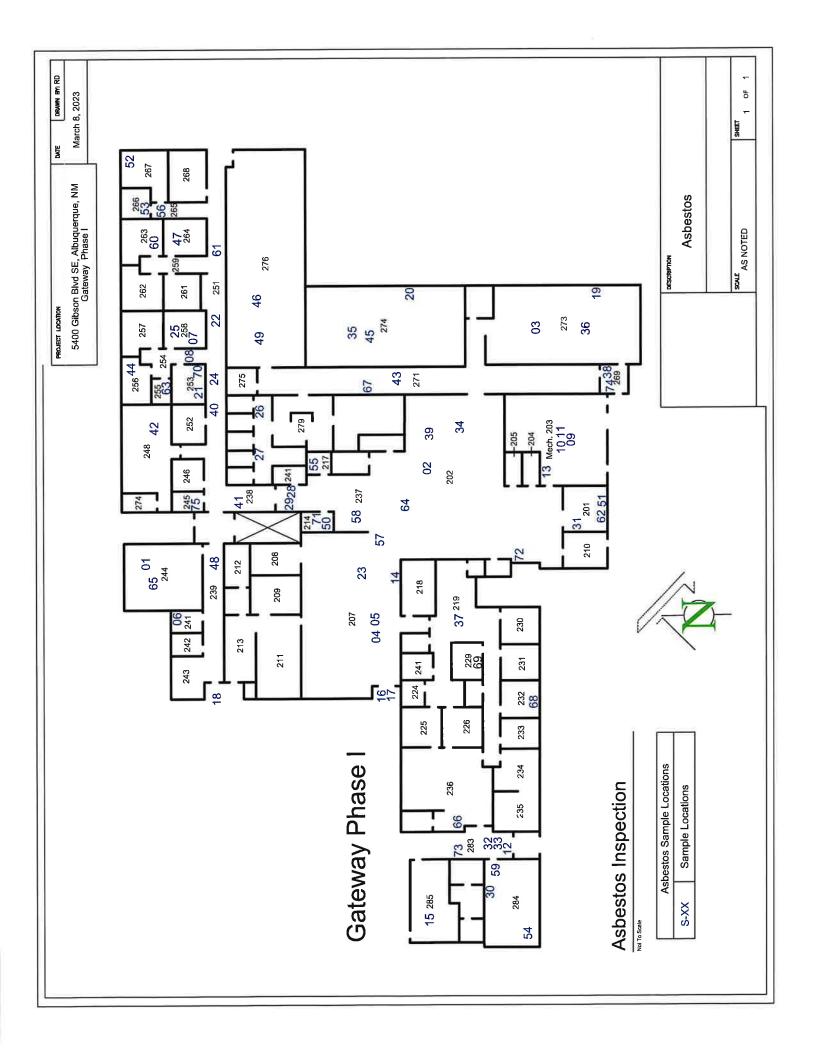
Signature | Date | Time

Samples relinquished:

Signature | Date | Time

664 (K) - -







# **Certifications**

# SCAI TRAINING CENTER

headquarters: 1409 montana ave el paso, texas 79902-5617 (915) 533-8840 fax (915) 533-8843 e-mail: training@scaitc.com www.scaitc.com

# BY THE ISSUANCE OF THIS CERTIFICATE TO

# FERNANDO OCANA

Certificate Number

IR9649071322

Let it be known that said person has completed the requirements for asbestos accreditation as per Section 206 of TSCA TITLE II, 15 U.S.C. 20646 as per approval by the State of Texas/United States Environmental Protection Agency: 40 CFR, Part 763, Subpart E, Appendix C)

EPA AHERA ASBESTOS INSPECTOR

# REFRESHER COURSE

Furthermore, let it be known that said person passed the required course examination with a score of 70% or higher

Monico A. Acuno

Principal Officer:

Luis M. Acuna

Date Course Completed: 7/13/2022

Location: El Paso, Texas

Course Dates: 7/13/2022

Course Exam Date: N/A

Class ID No. 1R9649071322

Registered Sanitation No.: XXXXXXXXXXXXXX

Accreditation Expiration Date: 7/12/2023

4 CEU As Apprcved by TDSHS for Sanitarian Continuing Education, §265.147; Professional Sanitarian Commercial CEU Provider Lic # 1064-090001

# United States Department of Commerce National Institute of Standards and Technology



# Certificate of Accreditation to ISO/IEC 17025:2017

**NVLAP LAB CODE: 200349-0** 

# **Crisp Analytical Laboratory**

Carrollton, TX

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

# **Asbestos Fiber Analysis**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.

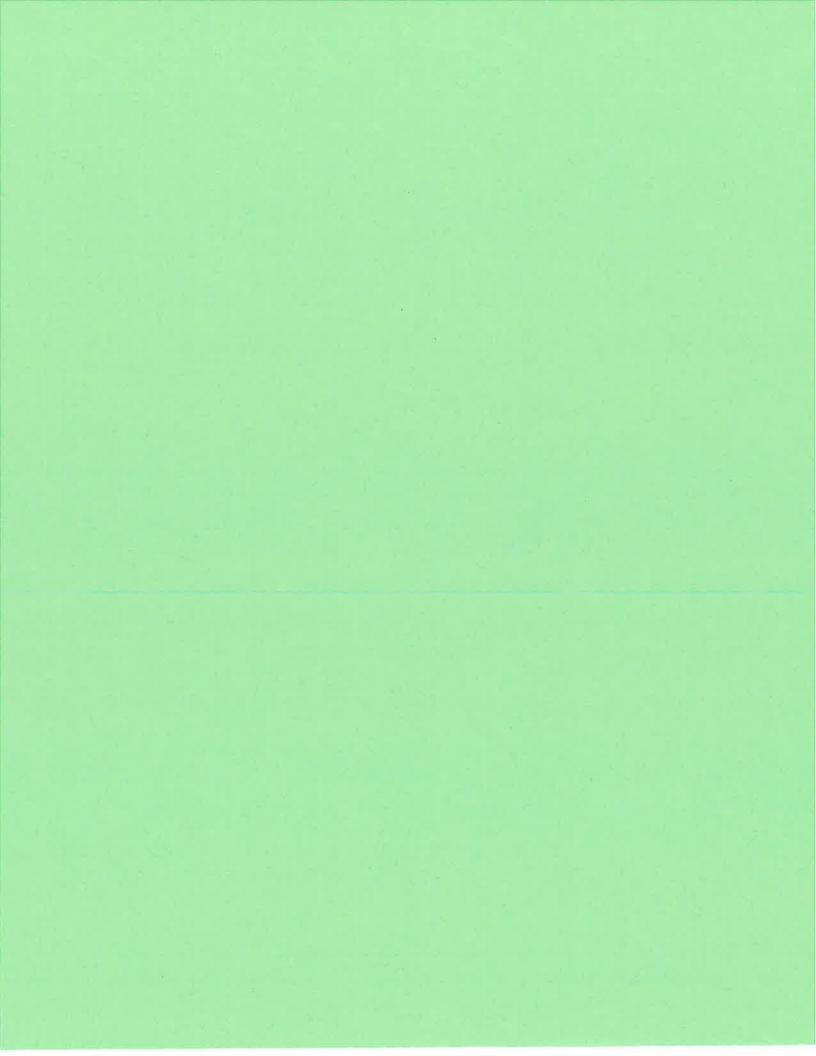
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2022-10-01 through 2023-09-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program





### **LEAD-BASED PAINT TESTING**

PREPARED FOR:

Tetra Tech Attn: Ms. Ondrea Hummel 6121 Indian School Road NE, Ste. 205 Albuquerque, NM 87110

PROJECT:

Gibson Medical Center

2<sup>nd</sup> Floor

Gateway Phase I

5400 Gibson Blvd. SE

Albuquerque, NM 87108

KEI Job # 234045-1

DATE OF INSPECTION: March 1, 2023



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Description of Building:	Page 3
Calibration of the XRF Instrument:	Page 3-4
Results:	Page 4
Conclusion:	Page 4

Attachments:

XRF Lead Results

Drawings Certifications

### March 8, 2023

Tetra Tech Attn: Ms. Ondrea Hummel 6121 Indian School Road NE, Ste. 205 Albuquerque, NM 87110

**Project:** 

Lead-Based Paint Testing Gibson Medical Center 2<sup>nd</sup> Floor Gateway Phase I 5400 Gibson Blvd. SE Albuquerque, NM 87108

KEI Job # 234045-1

### Dear Ms. Hummel:

We are pleased to submit this report of our lead-based paint (LBP) testing conducted at the property described above. This testing event was performed on selected interior paints following the EPA Lead Reduction Rules (40 CFR Part 745).

The LBP testing was performed by Mr. Fernando Ocana; certified Lead Inspector, on March 1, 2022 utilizing a Niton XLP 300A Series X-Ray Fluorescence (XRF) with serial No. 10293.

We appreciate the opportunity to be of service to you. Please call if you have any questions or if we may be of further assistance.

Sincerely,

Fernando Ocana Lead Inspector Reviewed by,

Amarante Jaramillo JR General Manager Principal - In – Charge

Hor

Lead-Based Paint Testing Gateway Phase I – 5400 Gibson Blvd. SE, Albuquerque, NM 87108

### **SUMMARY**

The following are the findings of the lead-based paint testing performed at the Gibson Medical Center located at 5400 Gibson Blvd. SE, Albuquerque, NM 87108. The purpose of our lead-based paint (LBP) testing was to determine the presence or absence of LBP in the areas investigated.

Lead-Based Paint means paint or other surface coatings that contain lead equal to or in excess of 1.0 milligrams per square centimeter (mg/cm<sup>2</sup>) or more than 0.5% by weight or 5000 parts per million by weight as established by EPA. None (0) of the thirty (30) XRF results tested equal to or greater than the regulatory limit of 1.0 mg/cm<sup>2</sup> of lead.

### INTRODUCTION

Keers Environmental, LLC. was engaged by Tetra Tech to conduct an LBP inspection at 5400 Gibson Blvd. SE, Albuquerque, NM 87108. This testing was performed by Mr. Fernando Ocana on March 1, 2023, and was done in accordance with the EPA Lead Reduction Rules (40 CFR Part 745).

### **DESCRIPTION OF INSPECTED AREA**

This inspection at the Gibson Medical Center was limited to the 2<sup>nd</sup> floor Gateway Phase I area of the building. A mechanical room, offices, corridors, electrical rooms, storage areas, and restrooms were observed. Testing was conducted on wall, ceiling, door, door frame, window, window frame, pipes, fire extinguisher box, electrical box, and column components. Components tested were of CMU, gypsum wallboard, concrete, metal, and wood substrates. Please note that at the time of the inspection ceiling and walls had been demolished. The flooring materials have been disturbed along with other building materials. In addition, installation of new building materials was in progress.

### **SAMPLING PLAN**

The physical condition of the building materials and paints was poor to fair at the time of the inspection. An inventory of painted surfaces in each room equivalent was taken as XRF testings proceeded. See the "LBP Testing Data Sheet."

### CALIBRATION OF THE XRF INSTRUMENT

Before proceeding with the investigation of painted surfaces, the XRF instrument performed a self-calibration check in accordance with the manufacturer's quality control procedures. After the warm up period, the inspector took one calibration check reading on a 1.0 mg/cm² lead film provided by the manufacturer. The difference among the first calibration check average and the 1.0 mg/cm² lead film was not greater than the 0.2 mg/cm² calibration check tolerance limit

Lead-Based Paint Testing Gateway Phase I – 5400 Gibson Blvd. SE, Albuquerque, NM 87108

obtained from the XRF Performance Characteristic Sheet (PCS). In accordance with the XRF Performance Characteristic Sheet, the XRF instrument in use did not require correction for substrate bias for any substrate encountered. No XRF readings above the upper limits of the inconclusive range were encountered. Because there were no inconclusive results, no paint chip samples were collected. At the end of the work shift, the inspector took a final calibration check reading using the same procedure as for the initial calibration check.

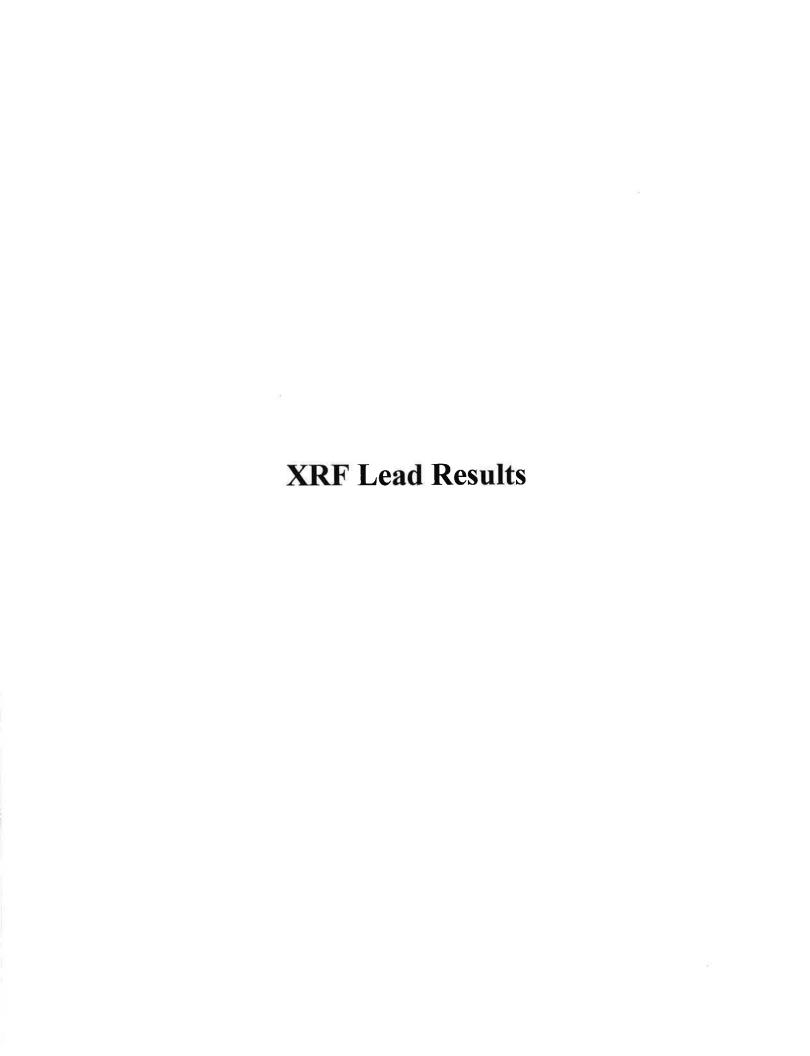
### RESULTS

Lead-Based Paint means paint or other surface coatings that contain lead equal to or in excess of 1.0 milligrams per square centimeter (mg/cm<sup>2</sup>) or more than 0.5% by weight or 5000 parts per million by weight as established by EPA regulations. None (0) of the thirty (30) XRF results tested equal to or greater than the regulatory limit of 1.0 mg/cm<sup>2</sup> of lead.

### **CONCLUSION**

A lead-based paint testing event was performed at the Gibson Medical Center located at 5400 Gibson Blvd. SE, Albuquerque, NM 87108, utilizing the EPA Lead Reduction Rules (40 CFR Part 745). Lead-Based Paint means paint or other surface coatings that contain lead equal to or in excess of 1.0 milligrams per square centimeter (mg/cm²) or more than 0.5% by weight or 5000 parts per million by weight as established by EPA regulations were encountered during our investigation. Lead-based paint was not identified at the areas tested.

END OF REPORT







### Lead-Based Paint Data Sheet

a DAT	TE OF INSPECTION:	3/1/23		TOTAL TOTAL	5
		PROPERTY/UNIT	INFORMATION		
ADDRESS/UNIT NO:	Gibson Medical Cent	er - Gateway th	INSPECTOR:	Fernando	Ocena
ROOM EQUIVILANT:	Interior Pa	ants	SIGNATURE:		10-

************			7.577.555			T		
SAMPLE	NÖ.	SUBSTRATE	COMPONENT	COLOR	TEST LOCATION	XRF RESULT	CLASSIFICATION	CONDITION
LBP -	ι	DW/P/W ( W/V CT/B/C/CMU	S. covidsou	Black	201	0	POS / (E)	INTACT/ AIR/ POOR
LBP -	7	DW/P/W MW/V CT/B/C/CMU	5. Door Frame	1	Room 210	0.02	POS/NEG	INTACT/ AR / POOR
LBP -	3	P/W/M/V CT/B/C/CMU	s. wall	Cignt Pink	vestibule 269	0.01	POS / (EG	INTACT FAIR POOR
LBP -	4	DW/P/W/MOV CT/B/C/CMU	(DODr	Bege	1	0	POS (NEG)	INTACT / FAIR / FOOR
LBP -	5	DW/P/W/M/V CT/B/C/CMU	F. Cuell	White	Corridor ZH	0.02	POS /NEG	INTACT FAIR POOR
LBP -	<b>(</b> _	OW/P/W/M/V CT/B/C/CMU	N.	Blue	Room 202	0.03	POS/NEG	INTACT/FAIR POOR
LBP - 3	7	DW/P/W (M/V CT/B/C/CMU	Pipe	Black	0	0.05	POS / NEG	INTAC FAIR POOR
LBP -	8	DW/P/W(M)V CT/B/C/CMU	1	Creen	Restrioons 279	0.04	POS / (VEG)	INTACT / (AIR) POOR
LBP -	9	DW/P/WMV CT/B/C/CMU	E Door Frame	Cignt Green	Storage	0	POS / NEG	INTACT (FAIR) POOR
LBP -	ro-	DW/P/W/M/V CT/B/C/CMU	No. Five Extinguisher Box	Red	Room 202	1	POS / NEG	INTACT / AIRY POOR
LBP -	н	DW/P/W/M/V CT/B/CACMU	Upper	Beige	Room 237	0.06	POS /NEG	INTACT / FAIR / YOOR
LBP -	12	DW/P/W/M/V CT/B C/CMU	Ceiling	ort-	Room 276	0.03	POS / NEG	INTACT / FAIR POOR
LBP -	(3	DW/P/W M/V CT/B/C/CMU	W. Electrical	Crien	Room 267	0	POS/NEG	INTACT / AIR POOR
LBP -	14	DW/P/W/M/V CT/B/C/CMU	E. Window Frame	1	Rogina	0.02	POS (NEG)	INTACT FAIR POOR
LBP -	IS	DW/P/W WV CT/B/C/CMU	Centing Beam	Green	105 moon	0.04	POS (NÈG)	INTACT FAIR POOR

SUBSTRATE CODE: (DW)=DRYWALL / (P)=PLASTER / (W)=WOOD / (M)=METAL / (V)=VINYL / (CT)=CERAMIC TILE / (B)=BRICK / (C)=CONCRETE (CMU)=CONCRETE MASONRY UNIT / CLASSIFICATION CODE: (POS)=POSITIVE / (NEG)=NEGATIVE



### Lead-Based Paint Data Sheet

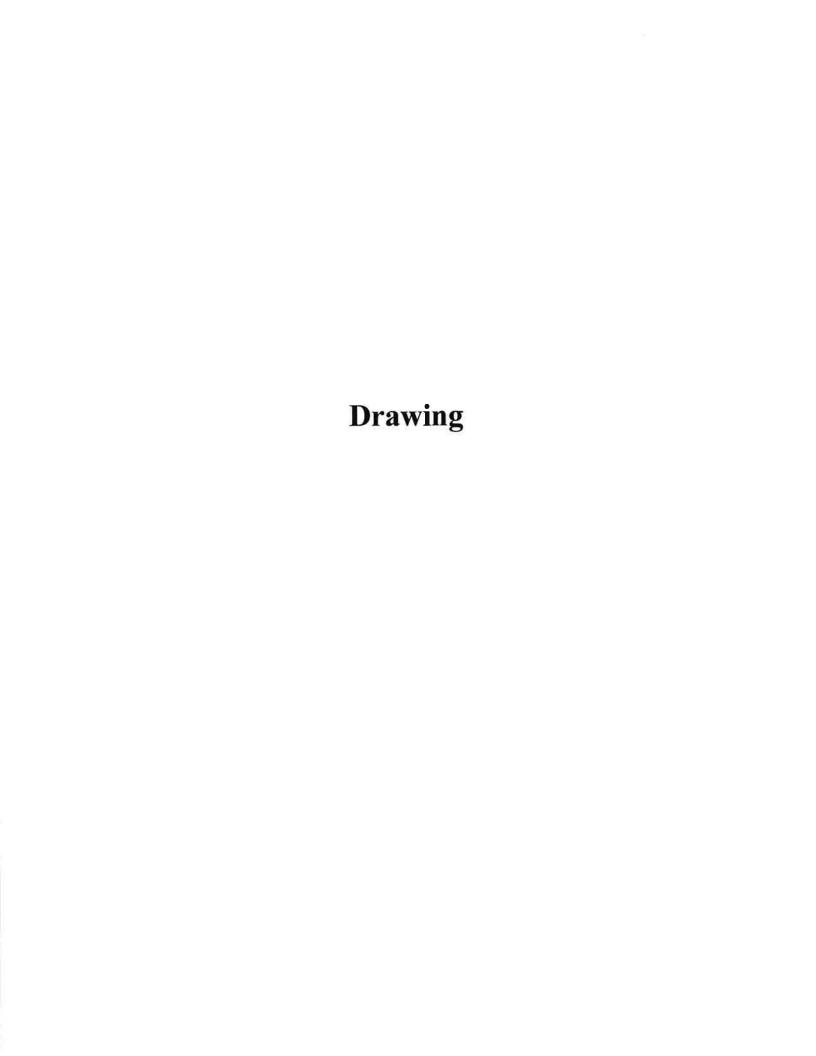
date of inspection:	3/1/23	*)
	PROPERTY/UNIT INFORMATION	
ADDRESS/UNIT NO: Ciban Medical Cente	- Chateway Plase I INSPECTOR:	Fernando Ocons
ROOM EQUIVILANT: Interior Paint	SIGNATURE:	F-10-

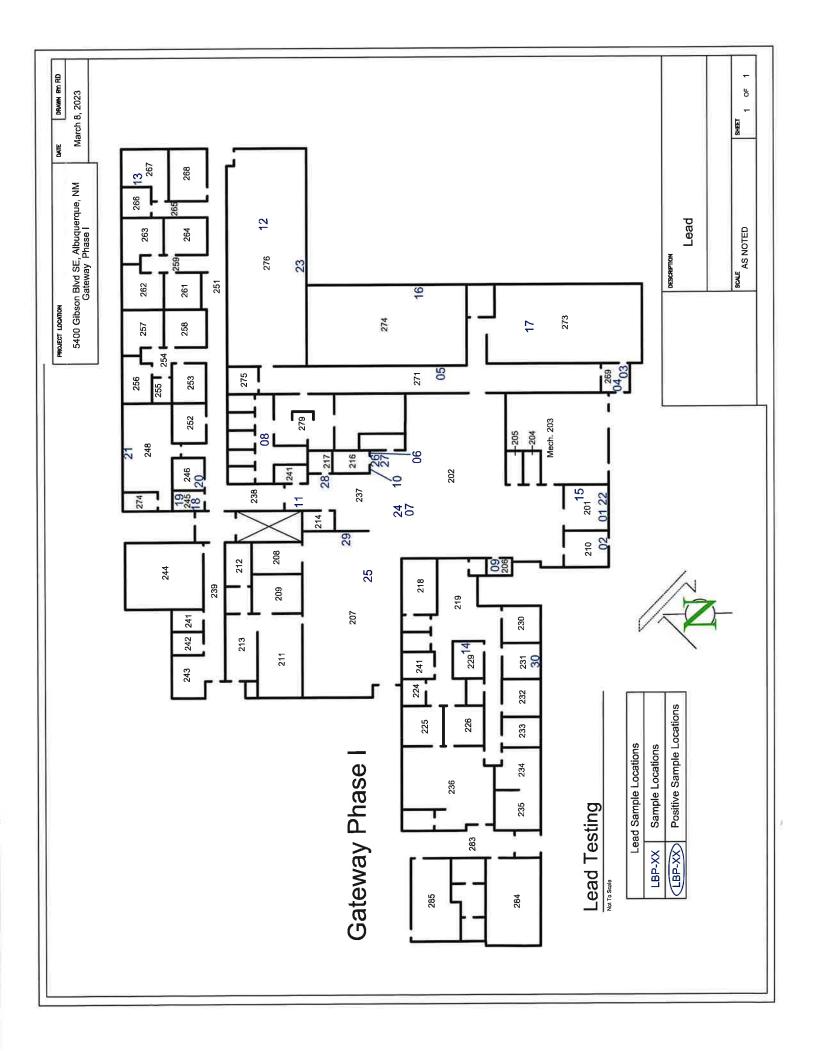
SAMPLE NO.	SÚBSTRATE	COMPONENT	COLOR	TEST LOCATION	XRF	CLASSIFICATION	
					RESULT	CLASSICICATION	СОИРПІОИ
BP - 16	DW/P/W (M)/V CT/B/C/CMU	E. Window	Black	PFS missall	0.02	POSTNEG	INTACT FAIR / POOR
BP- 17	DW/P/W MYV CT/B/C/CMU	Ceiling Pipe		Room 273	0.04	POS NEG	INTACT / FAIR / OOR
-BP -   <b>《</b>	DW/P/W/M/V CT/B/C/CMU	w wan	cinte	Room 245	0	POS /NEG	INTACT/FAIR/FOOR
BP - 19	DW/P/W/M/V	Ceiling	1	F	4	POS/NEG	INTACT / FAIR / FOOR
LBP - 70	DW/P/W (M/V CT/B/C/CMU	S'pos! Frame	Bions	Room 246	0.03	POS (NEG)	INTACT FAIR / POOR
UBP- 21	GWP/W/M/V CT/B/C/CMU	Nwan	Crisy	Roan 248	2.01	POS (NEG)	INTACT / FAIR POOR
LBP - ZZ	DW/P/W M/V CT/B/C/CMU	Siwali Frames	Maroon	Room 201	0.05	POS (NEG)	INTACT / FAIR / YOOR
LBP - 23	P/W/M/V CT/B/C/CMU	wall	cuvite	Room Zite	0	POS NEG	INTACT / PAIR / POOR
LBP - 24	DW/P/W/MV CT/B/C/CMU	Ceiling Joint	Red	Rain 202	0.06	POS (NEG	INTACT (FAIR / POOR
LBP - 25	DW/P/W/M/V CT/B/C/CMU	E. Colvino	. i	20cm 207	0	POS NEG	INTACT (FAIR) POOF
LBP - 76	DW/P/W/M/V CT/B/C/CMU	Poor	Burnished	losm 202 7001 70 Koom 216		POS (NEG	INTACT / PAIR POOR
LBP - 27	DW/P/W(M)V CT/B/C/CMU	Door Frame	Beige	-	2.02	POS (NEG)	INTACT FAIR POOR
LBP - <b>7%</b>	DW/P/WMYV CT/B/C/CMU	1	Gray	OT 100 0 FB moss	e e	POS (NEG	INTACT/FAIR POOR
LBP - 29	CT/B/C/CMU	F-wait	light ? ink	Room 207	0	POS NEG	INTACT FAIR POO
LBP - 30	DW/P/W/W/V CT/B/C/CMU	Si Condany Frame	Black	(Room 23)	0.03	POS / (EG)	INTACTO FAIR / POO

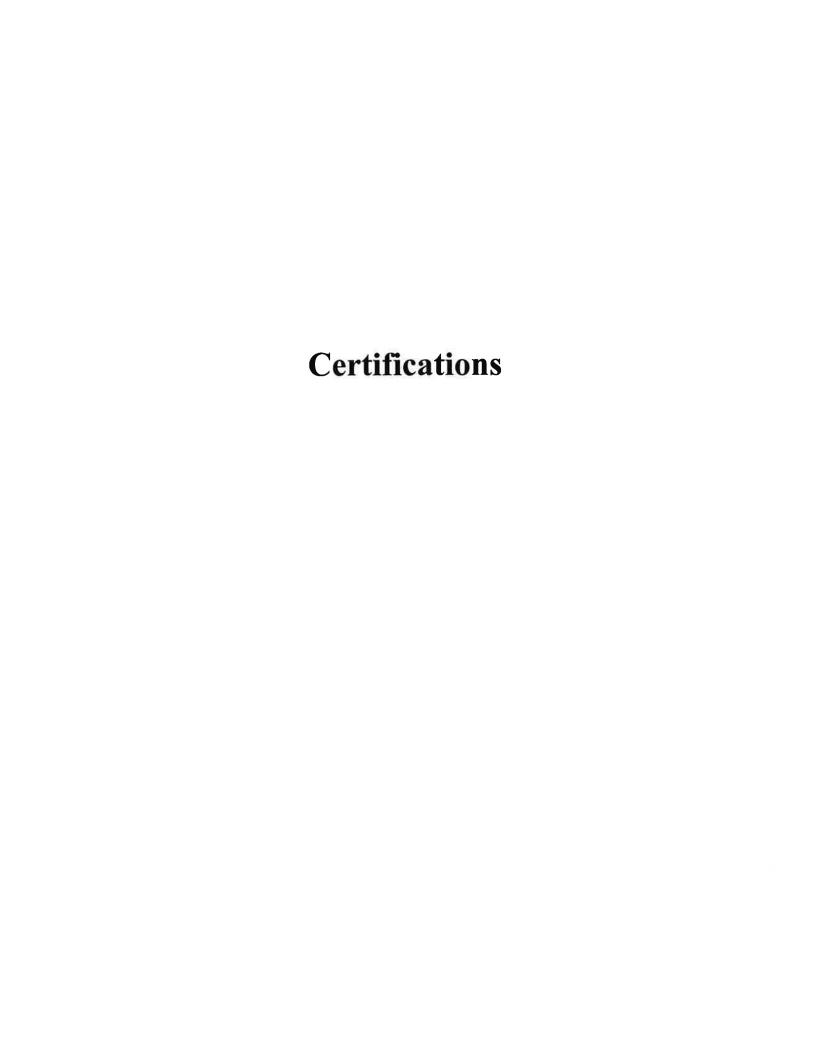
SUBSTRATE CODE: (DW)=DRYWALL / (P)=PLASTER . (W)=WOOD / (M)=METAL / (V)=VINYL / (CT)=CERAMIC TILE / (B)=BRICK / (C)=CONCRETE (CMU)=CONCRETE MASONRY UNIT / CLASSIFICATION CODE: (POS)=POSITIVE / (NEG)=NEGATIVE

	Ca	llibration Check	Test Results	
ddress / Unit o.	5400 Gibson Blvd. SE			
<b>o</b> .	Albuquerque, NM 8710	08		
evice:	Niton XLP 300 A			
ate:	3/1/23	XRF S No.	Serial 10293	
ontractor:	L&P Scientific Consul	ting, LLC		
spector Name:	Fernando Ocana	Signa	ature:	2_
SRM Used	1.0 mg/cr	n <sup>2</sup> Calibration	Check Tolerance Used	0.2 mg/cm <sup>2</sup>
First Calib	ration Check			
	NIST SRM		First Average	Difference Between First
First Reading	Second Reading	Third Reading		Average and NIST SRM*
1.0	1.0	1.0	1.0	0
Second Ca	libration Check  NIST SRM	,	First Average	
Second Ca First Reading		Third Reading	- First Average	Difference Between First Average and NIST SRM*
	NIST SRM	Third Reading	First Average	
First Reading 1.0 Third Calib	NIST SRM Second Reading 1.0  pration Check (if required	1.0		Average and NIST SRM*  0  Difference Between First
First Reading 1.0	NIST SRM Second Reading 1.0  pration Check (if required	1.0	1.0	Average and NIST SRM*  0
First Reading 1.0 Third Calib	NIST SRM Second Reading 1.0  pration Check (if required	1.0 Third Reading	1.0 First Average	Average and NIST SRM*  0  Difference Between First
First Reading 1.0 Third Calib	NIST SRM Second Reading  1.0  Diration Check (if required NIST SRM Second Reading  ibration Check (if required	1.0 Third Reading	1.0	Average and NIST SRM*  0  Difference Between First Average and NIST SRM*

\*If the difference of the Calibration Check Average from the NIST SRM Film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.







# SCALTRAINING CENTE headquarters: 1409 montana ave el paso, texas 79902-5617

(915) 533-8840 fax (915) 533-8843 e-mail: training@scaitc.com www.scaitc.com

BY THE ISSUANCE OF THIS CERTIFICATE TO

## FERNANDO OCANA

Certificate Number

LIR964904122

Let it be Known that said person has completed the requirements for lead certification within the purview of Vernon's Texas Civil Statutes, Article 9029 as amended, meets ANSI / ASSE 2490.1-2001, and which also meets the requirements of §295.204 (relating to Accreditation of Training Providers),

### EPA/HUD LEAD INSPECTOR REFRESHER COURSE

Furthermore, let it be known that said person passed the required course examination with a score of 70% or higher Ing ProgramProvider Accreditation Number 20448

Monico A. Acuna

Principal Officer:

Luis M. Acuna

Location: El Paso, Texas Date Course Completed: 4/12/2021

Class ID No. LIR9649041221 **Course Exam Date:** 4/12/2021

Registered Sanitation No.: XXXXXXXXXXXXX

8 CEU As Approved by TDSHS for Sanitarian Continuing Education, §265.147; Professional Sanitarian Commercial CEU Provider Lic # 1064-090001