



Havona Environmental
P.O. Box 35848
Albuquerque, NM 87176

Phone: 505-232-9533
Fax: 505-212-0069

ENVIRONMENTAL INSPECTION REPORT

**1801 Las Lomas NE
Albuquerque, NM**

Prepared For:

**University of New Mexico
Real Estate Department
2811 Campus Blvd. NE
Albuquerque, NM 87131**

October 9, 2023

Prepared By:

**Havona Environmental, Inc.
P.O. Box 35848
Albuquerque, NM 87176**

SECTION I



Havona Environmental
P.O. Box 35848
Albuquerque, NM 87176

Phone: 505-232-9533
Fax: 505-212-0069

October 9, 2023

ASBESTOS INSPECTION REPORT

1801 Las Lomas NE
Albuquerque, NM

Prepared For:

University of New Mexico
Real Estate Department
2811 Campus Blvd.
Albuquerque, NM 87131

A handwritten signature in black ink, appearing to read "Cissy Puma", is written over a horizontal line.

Cissy Puma, CEI
Environmental Consultant



Havona Environmental
P.O. Box 35848
Albuquerque, NM 87176

Phone: 505-232-9533
Fax: 505-212-0069

ASBESTOS INSPECTION REPORT

Date: October 9, 2023

Client: University of New Mexico
Real Estate Department
2811 Campus Blvd., MSC06 3595
Albuquerque, NM 87131

Attn: Julie Brasil

Site Address: 1801 Las Lomas NE
Albuquerque, NM

Site Information: The site consists of a house, with a basement, that is approximately 2,800 square feet.

Date of Inspection: September 19, 2023

Inspectors: Scott Puma (Certification # ABIR-N2022-1153)
Cissy Puma (Certification # ABIR-N2023-1154)

exercised by members of the professional community currently practicing under similar conditions in the locality of the project. No warranty, expressed or implied, is made or intended.

Havona Environmental is not responsible for any independent conclusions or recommendations made by others based on the services provided on this project. Havona assumes no liability for any loss, injury, claim or damages arising directly or indirectly from any use or reliance on this report to the opinions expressed herein.

If you have any questions or need additional information please contact Havona Environmental, Inc. at 505-232-9533. Thank you for allowing us to provide you with these services.

Respectfully Yours,



Cissy Puma, CEI
Environmental Consultant

Scott Puma
Environmental Consultant

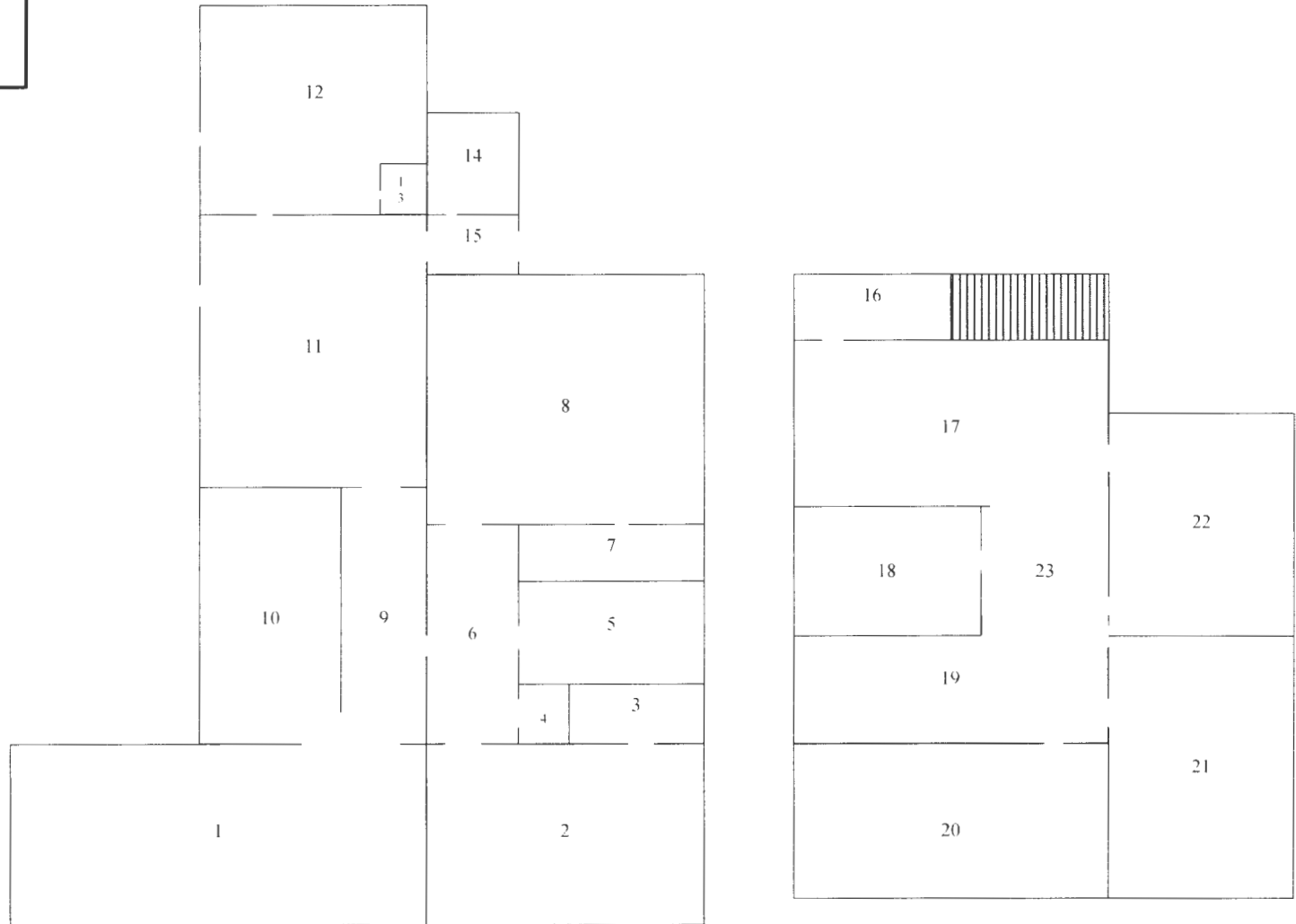
Attachments: Appendix A: Functional Space Location Diagram
 Appendix B: Laboratory Results and Chain of Custody
 Appendix C: Inspector's Certification

APPENDIX A

havonaenvironmental

environmental consulting and testing

FUNCTIONAL SPACE LOCATION DIAGRAM



Project: 1801 Las Lomas NE, Albuquerque, NM

Prepared For: UNM

Prepared by: Cissy Puma

Date: 10-9-23

APPENDIX B

CA Labs
Dedicated to
Quality

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

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

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Havona Environmental

P.O.Box 35848
Albuquerque, NM 87176

Attn: Cissy Puma

Customer Project: 1801 Las Lomas NE Albuquerque, NM
Reference #: CBR23097396

Date: 9/25/2023

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.

CA Labs
 Dedicated to
 Quality

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

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

Overview of Project Sample Material Containing Asbestos

Customer Project: 1801 Las Lomas NE Albuquerque, NM		CA Labs Project #: CBR23097396	
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent
			List of Affected Building Material Types

No Asbestos Detected.

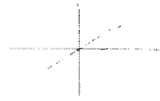
Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

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

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

CA Labs
Dedicated to
Quality

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



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

Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Cissy Puma
Havona Environmental
P.O.Box 35848
Albuquerque, NM 87176

Customer Project:
1801 Las Lomas NE
Albuquerque, NM

CA Labs Project #:
CBR23097396

Phone # 505-232-9533
Fax # 505-256-8237

Turnaround Time: 3 Day

Date: 9/25/2023
Samples Received: 9/21/2023
Date Of Sampling: 9/19/2023
Purchase Order #:

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
1801-M- 1A1-1		1-1	Gray Cove Base	Y	None Detected		100% qu, ma
		1-2	Yellow Mastic	Y	None Detected		100% qu, bi
1801-M- 1A2-2		2-1	Gray Cove Base	Y	None Detected		100% qu, ma
		2-2	Yellow Mastic	Y	None Detected		100% qu, bi
1801-M- 2A1-3		3-1	Tan Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi
1801-M- 2A2-4		4-1	Tan Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi
1801-M- 2B1-5		5-1	Green Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi

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

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

Approved Signatories:

Sidney Pinkerton
Analyst

Senior Analyst
Alicia Stretz

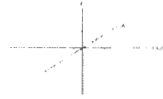
Laboratory Director
Chris Williams

- 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

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



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

Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Cissy Puma
Havona Environmental
P.O.Box 35848
Albuquerque, NM 87176

Customer Project:
1801 Las Lomas NE
Albuquerque, NM

CA Labs Project #:
CBR23097396

Phone # 505-232-9533
Fax # 505-256-8237

Turnaround Time: 3 Day

Date: 9/25/2023
Samples Received: 9/21/2023
Date Of Sampling: 9/19/2023
Purchase Order #:

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
1801-M- 2B2-6		6-1		Green Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi
1801-M- 2B3-7		7-1		Green Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi
1801-S-4A1- 8		8-1		Gray Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
1801-S-4A2- 9		9-1		Purple Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
1801-S-4A3- 10		10-1		White Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
1801-S-4B1- 11		11-1		White Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
1801-S-4B2- 12		12-1		Tan Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca

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

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

Approved Signatories:

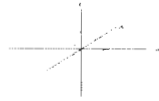
Sidney Pinkerton
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

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

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



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Cissy Puma
Havona Environmental
P.O.Box 35848
Albuquerque, NM 87176

Customer Project:
1801 Las Lomas NE
Albuquerque, NM

CA Labs Project #:
CBR23097396

Phone # 505-232-9533
Fax # 505-256-8237

Turnaround Time: 3 Day

Date: 9/25/2023
Samples Received: 9/21/2023
Date Of Sampling: 9/19/2023
Purchase Order #:

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
1801-S-4B3- 13		13-1	Tan Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
1801-S-4C1- 14		14-1	White Surfaced White Finishing Plaster	N	None Detected		100% qu, gy, bi, ca
		14-2	Tan Plaster	Y	None Detected		100% qu, ma, ca
1801-S-4C2- 15		15-1	White Surfaced White Finishing Plaster	N	None Detected		100% qu, gy, bi, ca
		15-2	Tan Plaster	Y	None Detected		100% qu, ma, ca
1801-S-4C3- 16		16-1	Blue Surfaced White Finishing Plaster	N	None Detected		100% qu, gy, bi, ca
		16-2	Tan Plaster	Y	None Detected		100% qu, ma, ca

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

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:

Sidney Pinkerton
Analyst

Senior Analyst
Alicia Stretz

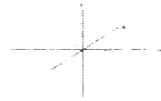
Laboratory Director
Chris Williams

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. Anthrophyllite 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

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



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

Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Cissy Puma
Havona Environmental
P.O.Box 35848
Albuquerque, NM 87176

Customer Project:
1801 Las Lomas NE
Albuquerque, NM

CA Labs Project #:
CBR23097396

Phone # 505-232-9533
Fax # 505-256-8237

Turnaround Time: 3 Day

Date: 9/25/2023
Samples Received: 9/21/2023
Date Of Sampling: 9/19/2023
Purchase Order #:

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneous us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
1801-M- 9A1-17		17-1	Black Shingle with Blue Gravel	Y	None Detected	15% fg	85% qu, bi
1801-M- 9A2-18		18-1	Black Shingle with Blue Gravel	Y	None Detected	15% fg	85% qu, bi
1801-M- 9A3-19		19-1	Black Shingle with Black Gravel	Y	None Detected	15% fg	85% qu, bi

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

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

Approved Signatories:

Sidney Pinkerton
Analyst

Laboratory Director
Chris Williams

Senior Analyst
Alicia Stretz

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

PLM BULK SAMPLE CHAIN OF CUSTODY

Havona Project Name and Location:				Havona Client:			
1801 Las Lomas NE				UNM			
Albuquerque, NM				Havona Contact Information:			
				Name: Cissy Puma		Phone: 505-977-4938	
Sampled By: Scott Puma and Cissy Puma			Date Sampled: 9-19-2023	Email: havonaenvironmental@yahoo.com			
Sampler's Signature: <i>Scott Puma</i>				Page: 1	of 2		
SAMPLE #	LOCATION	MATERIAL	COMMENT				
1801-M-1A1-1	1801 Las Lomas NE ↓	WALL					
1A2-2		↓					
M-2A1-3		FLOOR					
2A2-4		↓					
M-2B1-5		↓					
2B2-6		↓					
2B3-7		↓					
S-4A1-8		WALL					
4A2-9		↓					
4A3-10		↓					
S-4B1-11		↓					
4B2-12		↓					
4B3-13		↓					
S-4C1-14		↓					
Turn Around Time		2-4 Hour	Same Day	24 Hour	2 Day	3 Day	5-10 Day
Relinquished By: <i>Scott Puma</i>			Date/Time: 9-20-23	Received By: <i>[Signature]</i>		Date/Time: 9-21-2023 10:00	
Relinquished By:			Date/Time:	Received By:		Date/Time:	

0BR23097396

PLM BULK SAMPLE CHAIN OF CUSTODY

Havona Project Name and Location: 1801 Las Lomas NE Albuquerque, NM			Havona Client: UNM									
Sampled By: Scott Puma and Cissy Puma			Date Sampled: 9-19-2023									
Sampler's Signature: <i>Scott Puma</i>			Email: havonaenvironmental@yahoo.com									
			Page: 2 of 2									
SAMPLE #	LOCATION	MATERIAL		COMMENT								
1801-5-4C2-15	1801 Las Lomas NE ↓ ↓ ↓	WALL										
4C3-16		↓										
M-9A1-17		ROOF										
9A2-18		↓										
9A3-19												
<table border="1"> <tr> <td>Turn Around Time</td> <td>2-4 Hour</td> <td>Same Day</td> <td>24 Hour</td> <td>2 Day</td> <td>3 Day</td> <td>5-10 Day</td> </tr> </table>						Turn Around Time	2-4 Hour	Same Day	24 Hour	2 Day	3 Day	5-10 Day
Turn Around Time	2-4 Hour	Same Day	24 Hour	2 Day	3 Day	5-10 Day						
Relinquished By: <i>Scott Puma</i>		Date/Time: 9-20-23		Received By: <i>[Signature]</i>		Date/Time: 9-21-2023 10:00						
Relinquished By:		Date/Time:		Received By:		Date/Time:						

APPENDIX C

CERTIFICATE OF ATTENDANCE AND Successful Completion

EPA-AHERA ASBESTOS BUILDING INSPECTOR REFRESHER

CERTIFICATE NUMBER: **ABIR-N2023-1154**

Cissy Puma

THIS COURSE HAS BEEN APPROVED BY THE DEPARTMENT OF INDUSTRIAL RELATIONS, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OF THE STATE OF NEVADA
THIS COURSE SATISFIES THE ACCREDITATION REQUIREMENTS UNDER SECTION 206 OF THE TOXIC SUBSTANCES CONTROL ACT (TSCA).

Nelson Quezada, CE, CAC, CEM
PRINCIPAL INSTRUCTOR



[Signature]
TRAINING DIRECTOR

ENVIRO-CON INTEGRATED SOLUTIONS, LTD.

3575 W CHEYENNE AVE. SUITE 101, NORTH LAS VEGAS NV 89032 • PHONE: 702.202.6200
511 LINCOLN AVENUE, CYPRESS CA 90630 • PHONE: 800.647.0227

COURSE DATE: January 5, 2023

THIS CERTIFICATE IS VALID FOR ONE YEAR FROM COURSE DATE



CERTIFICATE OF ATTENDANCE AND Successful Completion

EPA/AHERA ASBESTOS BUILDING INSPECTOR REFRESHER

CERTIFICATE NUMBER: ABIR-N2022-1153

Scott Puma

THIS COURSE HAS BEEN APPROVED BY THE DEPARTMENT OF INDUSTRIAL RELATIONS, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OF THE STATE OF NEVADA
THIS COURSE SATISFIES THE ACCREDITATION REQUIREMENTS UNDER SECTION 206 OF THE TOXIC SUBSTANCES CONTROL ACT (TSCA).

Nelson Quezada, CE, CAC, CEM
PRINCIPAL INSTRUCTOR



Richard ...
TRAINING DIRECTOR

ENVIRO-CON INTEGRATED SOLUTIONS, LTD.

3575 W CHEYENNE AVE. SUITE 101, NORTH LAS VEGAS NV 89032 • PHONE: 702.202.6200

511 LINCOLN AVENUE, CYPRESS CA 90630 • PHONE: 800.647.0777

COURSE DATE: December 20, 2022

THIS CERTIFICATE IS VALID FOR ONE YEAR FROM COURSE DATE



SECTION II



Havona Environmental
P.O. Box 35848
Albuquerque, NM 87176

Phone: 505-232-9533
Fax: 505-212-0069

October 9, 2023

University of New Mexico
Real Estate Department
2811 Campus Blvd. NE
Albuquerque, NM 87131

Attn: Julie Brasil

RE: Limited Lead Paint Chip Sampling
1801 Las Lomas NE

INTRODUCTION

Havona Environmental Inc. is pleased to present you with the results of the limited lead paint chip sampling conducted at 1801 Las Lomas NE in Albuquerque, New Mexico. Havona Environmental was authorized by Julie Brasil, Real Estate Manager, to conduct the sampling. All testing at this site was performed in general accordance to all applicable regulation.

On September 19, 2023 Cissy Puma, an EPA Certified Risk Assessor, collected the lead paint chip samples. The purpose of the sampling was to determine or discount the presence of lead-based paint, according to the federal definition of lead-based paint, on the painted building components on the interior and exterior of the house.

SAMPLING PROCEDURES

During the site visit, fifteen paint chip samples were collected from the painted building materials on the interior and exterior of the house. The paint chip samples were collected by using a razor scraper and baggie. The baggie was placed under the sample area and the paint chip was peeled into the baggie.

Once the samples were collected, they were logged onto a chain of custody and sent to EMSL of Pineville, North Carolina, which is an accredited laboratory by the National Lead Laboratory Accreditation Program (NLLAP). The samples were analyzed under the Atomic Absorption Method (SW 846 3050B/700B).

SAMPLE RESULTS

The results of the paint chip sampling concluded the following:

- Of the paint chip samples collected, four two were identified to be above the federal lead standard of 0.5% lead by weight. Refer to Appendix A for positive sample locations.
- Refer to Appendix B for Laboratory Results.

The table below references the sample number, the location at which the sample was taken, building component, paint color, and the laboratory results of lead per weight of paint chip.

Lead Paint Sampling Summary Table					
Sample No.	Component	Substrate	Color	Location	Results (% by wt)
1801-L-1	Wall	Plaster	Red	FS 1	<0.011%
1801-L-2	Wall	Plaster	Purple	FS 10	<0.0080%
1801-L-3	Wall	Plaster	Light Grey	FS 1	0.044%
1801-L-4	Wall	Plaster	Cream	FS 2	0.024%
1801-L-5	Wall	Plaster	White	FS 11A	<0.033%
1801-L-6	Wall	Plaster	Blue	FS 16	0.043%
1801-L-7	Wall	Plaster	Turquoise	FS 17	0.32%
1801-L-8	Wall	Plaster	Brown	FS 21	<0.0080%
1801-L-9	Baseboard	Wood	White	FS 8	0.12%
1801-L-10	Door Frame	Wood	White	FS 6	1.8%
1801-L-11	Hand Rail	Wood	Yellow	Stairs	0.33%
1801-L-12	Railing	Wood	Dark Grey	FS 11A	<0.017%
1801-L-13	Door Trim	Wood	Blue	Exterior	0.029%
1801-L-14	Wall	Brick	White	Exterior	0.085%
1801-L-15	Fascia	Wood	White	Exterior	5.5%

The U.S. Consumer Products Safety Commission established the level at 0.06% by weight, as the recommended maximum level of lead in most paints. If detected, these materials would be considered Lead Containing Materials (LCMs). Lead Based Paint (LBP) is defined as being greater than or equal to 0.5% by weight or 5000 parts per million (PPM) (a Housing and Urban Department guideline).

Paint should be considered lead-based paint if it is the same color as any positively tested material on the same substrate, unless it has specifically been tested and shown not to be lead containing.



LIMITATIONS

This report describes the conditions present at the time of the sampling, in the areas sampled. Other conditions may exist in areas that were not included in the scope of work, and therefore not sampled. In addition, the physical condition of the paint may change gradually or suddenly depending on the use, maintenance, or accident.

Havona Environmental will not be held responsible if additional contaminants are found at the property reference above at a later date, or if contaminants are located at various locations on the property not included in the scope of work. Our professional services have been performed in a manner consistent with the level of care and skill ordinarily exercised by members of the professional community currently practicing under similar conditions in the locality of the project. No warranty, expressed or implied, is made or intended.

Havona Environmental is not responsible for any independent conclusions or recommendations made by others based on the services provided on this project. Havona assumes no liability for any loss, injury, claim or damages arising directly or indirectly from any use or reliance on this report to the opinions expressed herein.

If you have any questions, problems, or concerns regarding these results, please contact us at 505-232-9533. Thank you for allowing Havona Environmental to provide you with these services.

Respectfully Yours,

Cissy Puma, CEI
Environmental Consultant

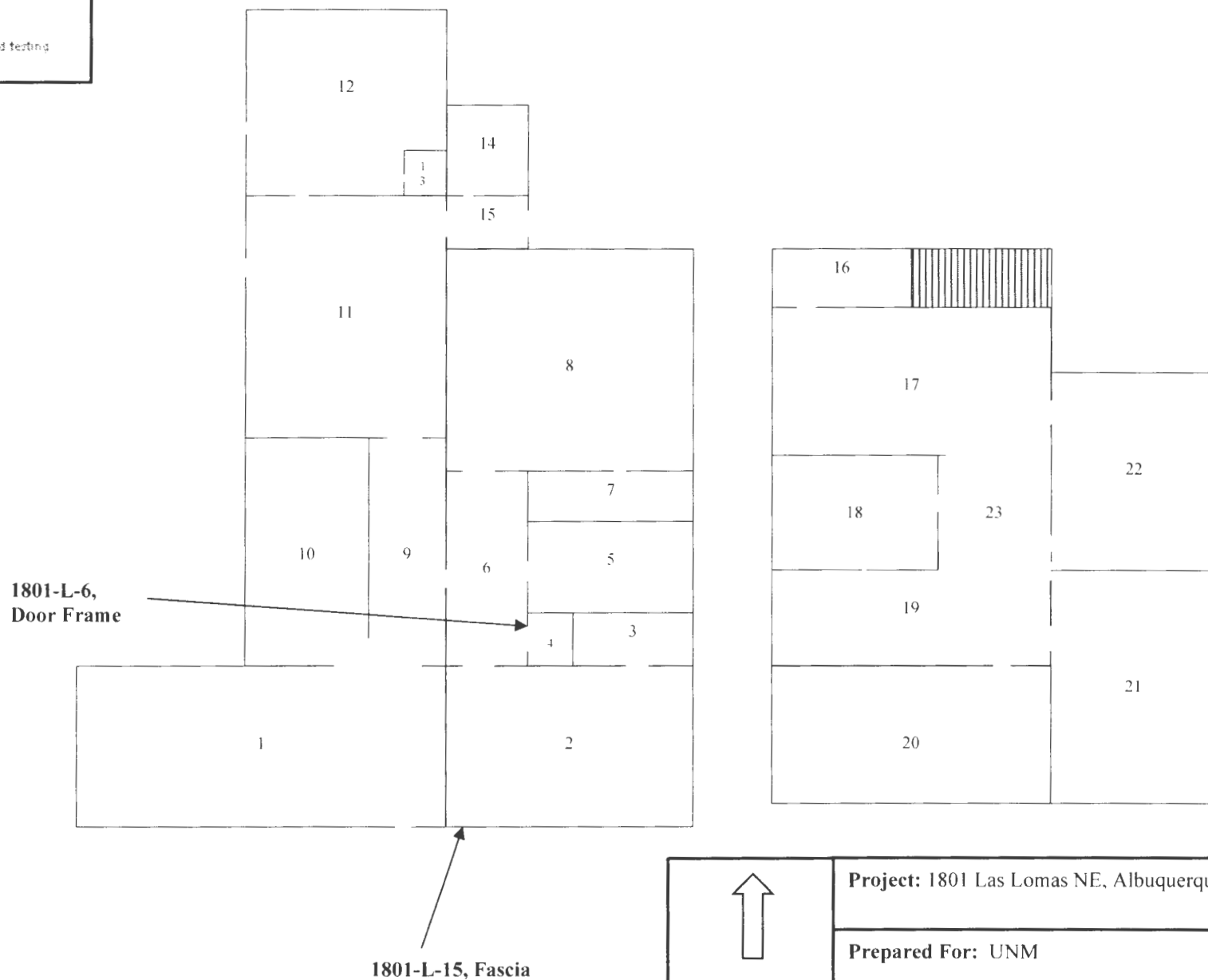
Attachments: Appendix A: LBP Sample Location Diagram
 Appendix B: Laboratory Results and Chain of Custody
 Appendix C: Inspector's Certification

APPENDIX A

havonaenvironmental

environmental consulting and testing

LEAD BASED PAINT LOCATION DIAGRAM



1801-L-6,
Door Frame

1801-L-15, Fascia



Project: 1801 Las Lomas NE, Albuquerque, NM

Prepared For: UNM

Prepared by: Cissy Puma

Date: 10-9-23

APPENDIX B



EMSL Analytical, Inc.

10801 Southern Loop Blvd, Pineville, NC 28134
Phone/Fax: (704) 525-2205 / (704) 525-2382
<http://www.EMSL.com> charlottelab@emsl.com

EMSL Order: 412310742
CustomerID: HAVO78
CustomerPO:
ProjectID:

Attn: **Cissy Puma**
Havona Environmental, Inc.
PO Box 35848
Albuquerque, NM 87176

Phone: (505) 977-4938
Fax: (505) 256-8237
Received: 9/21/2023 09:45 AM
Collected: 9/19/2023

Project: 1801 Las Lomas NE

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Weight	Lead Concentration
1801-L-1 Site: Wall FS1	412310742-0001	9/19/2023	9/21/2023	0.1808 g	<0.011 % wt
1801-L-2 Site: Wall FS10	412310742-0002	9/19/2023	9/21/2023	0.2748 g	<0.0080 % wt
1801-L-3 Site: Wall FS1	412310742-0003	9/19/2023	9/21/2023	0.1698 g	0.044 % wt
1801-L-4 Site: Wall FS2	412310742-0004	9/19/2023	9/21/2023	0.2609 g	0.024 % wt
1801-L-5 Site: Wall FS11A	412310742-0005	9/19/2023	9/21/2023	0.0607 g	<0.033 % wt
1801-L-6 Site: Wall FS16	412310742-0006	9/19/2023	9/21/2023	0.2928 g	0.043 % wt
1801-L-7 Site: Wall FS17	412310742-0007	9/19/2023	9/21/2023	0.2876 g	0.32 % wt
1801-L-8 Site: Wall FS21	412310742-0008	9/19/2023	9/21/2023	0.2709 g	<0.0080 % wt
1801-L-9 Site: Baseboard FS8	412310742-0009	9/19/2023	9/21/2023	0.2646 g	0.12 % wt
1801-L-10 Site: Door Frame FS6	412310742-0010	9/19/2023	9/21/2023	0.0767 g	1.8 % wt
1801-L-11 Site: Hand Rail Stairs	412310742-0011	9/19/2023	9/21/2023	0.1205 g	0.33 % wt
1801-L-12 Site: Railing FS11A	412310742-0012	9/19/2023	9/21/2023	0.1158 g	<0.017 % wt
1801-L-13 Site: Door Trim Exterior	412310742-0013	9/19/2023	9/21/2023	0.2924 g	0.029 % wt
1801-L-14 Site: Wall Exterior	412310742-0014	9/19/2023	9/21/2023	0.247 g	0.085 % wt
1801-L-15 Site: Fascia Exterior	412310742-0015	9/19/2023	9/21/2023	0.2797 g	5.5 % wt


Aaron Hartley, Lead Technical Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.
* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc. Pineville, NC AIHA LAP, LLC-ELLAP Accredited #192283

Initial report from 09/25/2023 15:55:04



Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

412310742

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information Customer ID: Company Name: Havona Environmental Contact Name: Cissy Puma Street Address: P.O. Box 35848 City, State, Zip: Albuquerque, NM 87176 Country: Phone: 505-977-4938 Email(s) for Report: havonaenvironmental@yahoo.com	Billing Information Billing ID: Company Name: Billing Contact: Street Address: City, State, Zip: Country: Phone: Email(s) for Invoice:
--	--

Project Information

Project Name/No: **1801 Las Lomas NE** Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide) US State where samples collected: **NM** State of Connecticut (CT) must select project location:
 Commercial (Taxable) Residential (Non-Taxable)

Sampled By Name: **Cissy Puma** Sampled By Signature: *[Signature]* No. of Samples in Report: **15**

Turn-Around-Time (TAT)

3 Hour
 6 Hour
 24 Hour
 32 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

Please call ahead for large projects and/or turnaround times 6 hours or less. 72 hour TAT available for select tests only, samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input checked="" type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² <small>*Reporting Limit based on a minimum 0.25g sample weight **Not appropriate for Ceramic Tiles - XRF is recommended</small>	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input checked="" type="checkbox"/>
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
				<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM <small>*If no box is checked, non-ASTM Wipe is assumed</small>	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLIC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
				<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1801-L-1	Wall FS1		9-19-23/11:00
1801-L-2	Wall FS10		
1801-L-3	Wall FS1		
1801-L-4	Wall FS2		
1801-L-5	Wall FS11A		

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Cissy Puma	Date/Time: 9-20-23/5:15p	Received by: <i>[Signature]</i>	Date/Time: 9/21/23
Relinquished by:	Date/Time:	Received by: FL 7967 0847 3414	Date/Time: 9/25/23



Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

10742

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information.
Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1801-L-6	Wall FS16		9-19-23/11:00
1801-L-7	Wall FS17		
1801-L-8	Wall FS21		
1801-L-9	Baseboard FS8		
1801-L-10	Door Frame FS6		
1801-L-11	Hand Rail Stairs		
1801-L-12	Railing FS11A		
1801-L-13	Door Trim Exterior		
1801-L-14	Wall Exterior		
1801-L-15	Fascia Exterior		

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Cissy Puma	Date/Time: 9-20-23/5:15p	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-26 Lead R17 05/09/2022 AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

APPENDIX C

United States Environmental Protection Agency

This is to certify that



Cissy Puma

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires November 06, 2023

LBP-R-126293-2

Certification #

October 20, 2020

Issued On



A handwritten signature in black ink, appearing to read "Adrienne Priselac".

Adrienne Priselac, Manager, Toxics Office

Land Division