

# *Leon Environmental Services*

Richard "Danny" Leon CAC # 04-3708

Tommy Leon CAC # 05-3882

July 06, 2023

Mr. Domingo Mora  
**Madera Unified School District**  
1902 Howard Rd.  
Madera, CA 93637

**Re: Asbestos Survey**  
**Demo House & Garage/Shop**  
**13568 Road 26 ½**  
**Madera, CA**  
**Job No. S75-23-02**

Dear Domingo:

Attached is the asbestos survey report for the above referenced building. This report includes inspection observations, a list of all samples taken, bulk sample analysis results, a sample location drawing, and recommendations concerning asbestos containing materials.

If you have any questions or need additional information, please do not hesitate to call. Thank you for using Leon Environmental Services. We look forward to working with you in the future.

Respectfully,

Tommy Leon  
Certified Asbestos Consultant  
Certification No. 05-3882

## **Asbestos Survey: Demo House, 13568 Road 26 ½, Madera, CA** **S75-23-02**

### BUILDING DESCRIPTION

An asbestos survey was performed on **July 05, 2023** at **13568 Road 26 ½, Madera, CA.**

**The house** is approximately 50-60 years old and approximately 1200sqft. It has a brick frame, brick siding, and asphalt shingled roof. The interior walls and ceilings are plaster with associated texture. The floor is concrete covered with linoleum and carpet.

**The garage/shop** is approximately 50-60 years old and approximately 900sqft. It has a wood and brick frame, brick exterior, and asphalt shingled roof. The interior walls and ceilings are brick and bare wood. The floor is bare concrete.

**The shed** is approximately 10-20 years old and approximately 64sqft. It has a wood frame, wood exterior, and a metal roof. The interior walls and ceiling are bare wood. The floor has ceramic tile.

At the time of the survey the building was vacant.

### ASBESTOS ANALYSIS RESULTS

All bulk samples of suspect asbestos containing materials were taken in accordance with US EPA Guidelines and accepted industry standards by a state certified asbestos consultant. McCall and Spero Environmental, Inc., a NVLAP accredited laboratory performed a total of **42** analyses from **30** samples collected from this structure at this site. The full list of all samples taken is on the following pages. Sample locations are indicated on the drawings included with this report. ***Quantities listed below are estimates, for sampling purposes only, and should be verified prior to asbestos abatement.***

Sample	Location	Material	% Of ACM	Friable	Sq. Ft.
01	Kitchen Floor (top layer)	Linoleum	3%	Yes	360'
		Adhesive	3%	No	360'
02	Kitchen Floor (bottom layer)	Floor Tile	ND		260'
		Mastic	3%	Yes	260'
03	Hall Floor	Filler Material	ND		
04	Laundry Room Floor (top layer)	Linoleum	5%	Yes	See Sample 01
		Adhesive	5%	No	See Sample 02
05	Laundry Room Floor (bottom layer)	Vaper Barrier	ND		
06	Front Room Wall	Texture/ Color Coat	ND		
		White Plaster	ND		

**Asbestos Survey: Demo House, 13568 Road 26 ½, Madera, CA  
S75-23-02**

07	Front Room Wall	Grey Plaster	ND		
08, 09, 10, 11, 13, 14, 16, 17	Bedroom 01 (top layer), Hall, Bedroom 02, Kitchen, Front Room Walls and Ceilings	Texture/ Color Coat	ND		
		Plaster	ND		
18	Exterior Window	Window Putty	ND		
19, 21, 23, 24	Roof East Area, Ridge Cap, West Area	Light Grey, Red, Dark Grey, Dark with Red Asphalt Shingles	ND		
20, 22	Roof East Area, Roof	Tar Paper	ND		
25	Roof Vent	Grey Mastic	ND		
26	Foundation	Concreate	ND		
<b>Garage</b>					
27	Roof	Asphalt Shingles	ND		
28	Roof	Tar Paper	ND		
29	Foundation	Concrete	ND		
<b>Shed</b>					
30	Floor	Thin Set	ND		

\* Determined after composite sampling with associated sheetrock  
NS – Not Sampled

COMMENTS AND RECOMMENDATIONS
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***Non-Friable Asbestos***

***The Black Mastic*** (sample 02) located under the floor tile In the kitchen (bottom layer) is positive for asbestos at 3%.

**NOTE:** All non-asbestos containing flooring associated with the ACM black mastic must be considered contaminated and handled as non-friable asbestos.

These materials are considered a ***non-hazardous non-friable ACM***. It is required that a licensed asbestos abatement contractor remove these materials prior to renovation and or demolition of this structure.

***Friable Asbestos***

## **Asbestos Survey: Demo House, 13568 Road 26 ½, Madera, CA** **S75-23-02**

**The Linoleum and Adhesive** (samples 01, 04) located on the floor in the kitchen (top layer) and laundry room (top layer) is positive for asbestos at 5%.

These materials are considered ***friable hazardous ACM*** and it is required that a licensed asbestos abatement contractor remove these materials prior to renovation and or demolition of this structure.

CONCLUSIONS AND REGULATIONS
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### **US EPA NESHAP (40 CFR Part 61)**

Based on our survey, sampling and subsequent laboratory analysis and regulatory guidelines affecting this site, the types of ACM identified on the previous page require removal (in most cases) prior to demolition and/or renovation procedures to comply with local, state and federal agencies. The US EPA NESHAP (40 CFR Part 61 – November 20, 1990) requires materials containing greater than one percent asbestos be removed prior to renovation or demolition. If those materials are friable or likely to become friable due to the forces expected to act upon them during renovation or demolition, they become a regulated asbestos containing material (RACM) and require a 10-day notification to the local Air Pollution Control District prior to abatement.

Non-friable and non-regulated ACM, in most cases, may be disposed of as a Non-Hazardous waste in a landfill that accepts Asbestos Containing Materials. All friable waste containing more than 1% asbestos (RACM) must be manifested as hazardous waste for disposal purposes.

### **CAL OSHA-----Construction Industry-----8CCR, 1529**

Cal/OSHA worker health and safety regulations apply during any disturbance of ACM by a person while in the employ of another. This is true regardless of friability or quantity disturbed. If there is greater than 100 square feet of ACM which will be affected by the demolition, a California Licensed Contractor who is registered with Cal/OSHA for asbestos is required. The regulations regarding asbestos are found in Title 8 CCR Section 1529, and also include formal notification requirements to Cal/OSHA at least 24 hours prior to removal. It is required that removal be conducted with the material kept in a wetted state to contain dust and hazardous emissions.

The construction industry standard covers employees engaged in demolition and construction, and the following related activities likely to involve asbestos exposure: removal, encapsulation, alteration, repair, maintenance, insulation, spill emergency cleanup, transportation, disposal and storage of ACM.

Demolition contractors typically require that a building owner/operator accept responsibility for removal of all ACM found during the building inspection prior to start of demolition activities.

**Asbestos Survey: Demo House, 13568 Road 26 ½, Madera, CA**  
**S75-23-02**

LIMITATIONS OF LIABILITY
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Conclusions and recommendations presented in this report are qualitative judgments based on the prevailing regulations and accepted industry standards at the time of the report issuance. Leon Environmental Services provides no other guarantees, either expressed or implied. All quantities of materials listed herein are estimates for sampling purposes only, and should be verified by Owner representative or an abatement contractor prior to asbestos abatement.

The nature of demolition and asbestos abatement is such that materials can be uncovered which previously were unknown to exist. Therefore, Leon Environmental Services cannot be responsible for materials not previously detected due to lack of accessibility or concealment, although every effort was made during the inspection to detect all suspect materials. If any materials other than those included herein are discovered during renovation or demolition, it must be assumed that the materials are asbestos containing, and should be treated accordingly until further testing and analysis is performed.

The data interpretations and recommendations are based solely on information available to Leon Environmental Services at the time of our inspection. The customer recognizes that site conditions or accessibility may vary, from those encountered at the time of our inspection and sample collection. Varying conditions or access could result in additional information that would lead us to revise conclusions and recommendations. Leon Environmental Services will not be responsible for the interpretation or use by others of information contained within this report.

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Thomas Leon  
Certified Asbestos Consultant  
Certification No. 05-3882

DATE:

\*Abbreviation Key:

*Asbestos Containing Material — ACM (equal to or greater than 0.1% by weight)*

*Vinyl Asbestos Tile — VAT*

*No Asbestos Detected--N.A.D or N.D.*

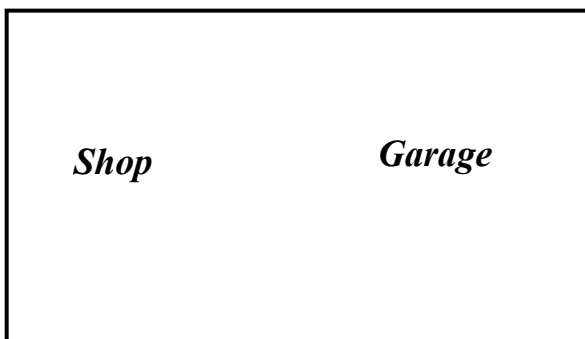
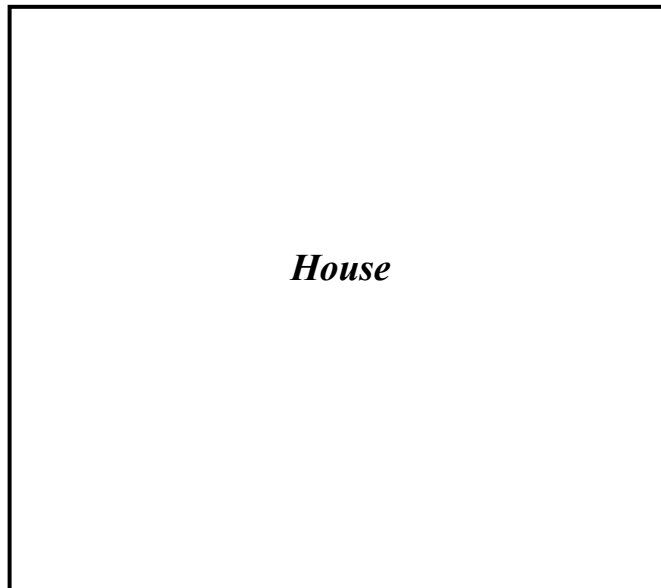
*Homogeneous—H*

*Not Sampled--NS*

# Leon Environmental Services

Richard "Danny" Leon CAC Certification No. 04-3708  
Tommy Leon CAC Certification No. 05-3882

Job S75-23-02 / Sample Location Diagram  
Site Overview / 13568 Road 26 ½, Madera, CA  
Domingo Mora / Madera Unified School District  
Drawing not to Scale



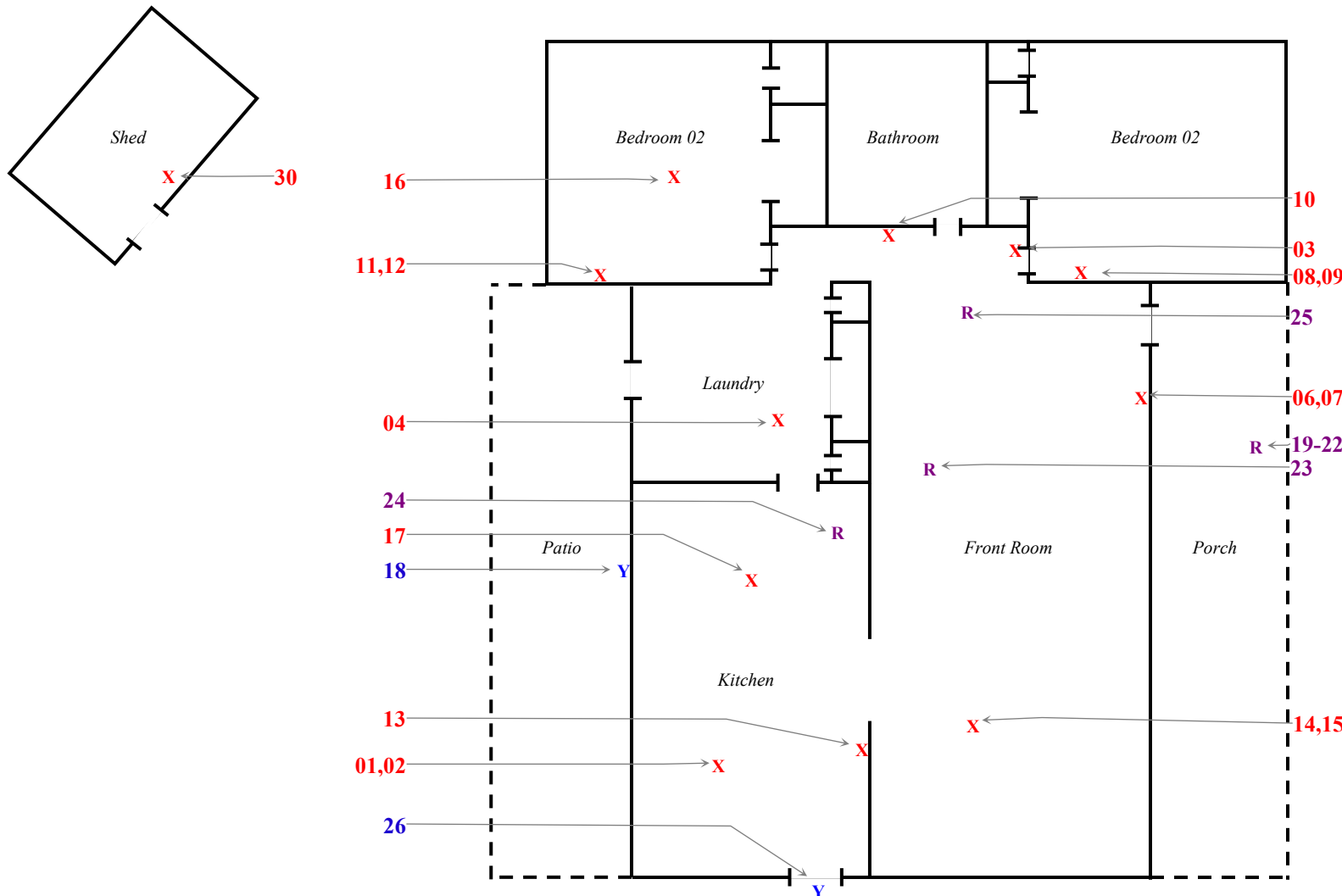
**Y** = Exterior Samples  
**X** = Interior Samples  
**R** = Roof Samples



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**Job S75-23-02 Sample Location Diagram**  
**Demo House / 13568 Road 26 ½, Madera, CA**  
**Domingo Mora / Madera Unified School District**  
**Drawing not to Scale**



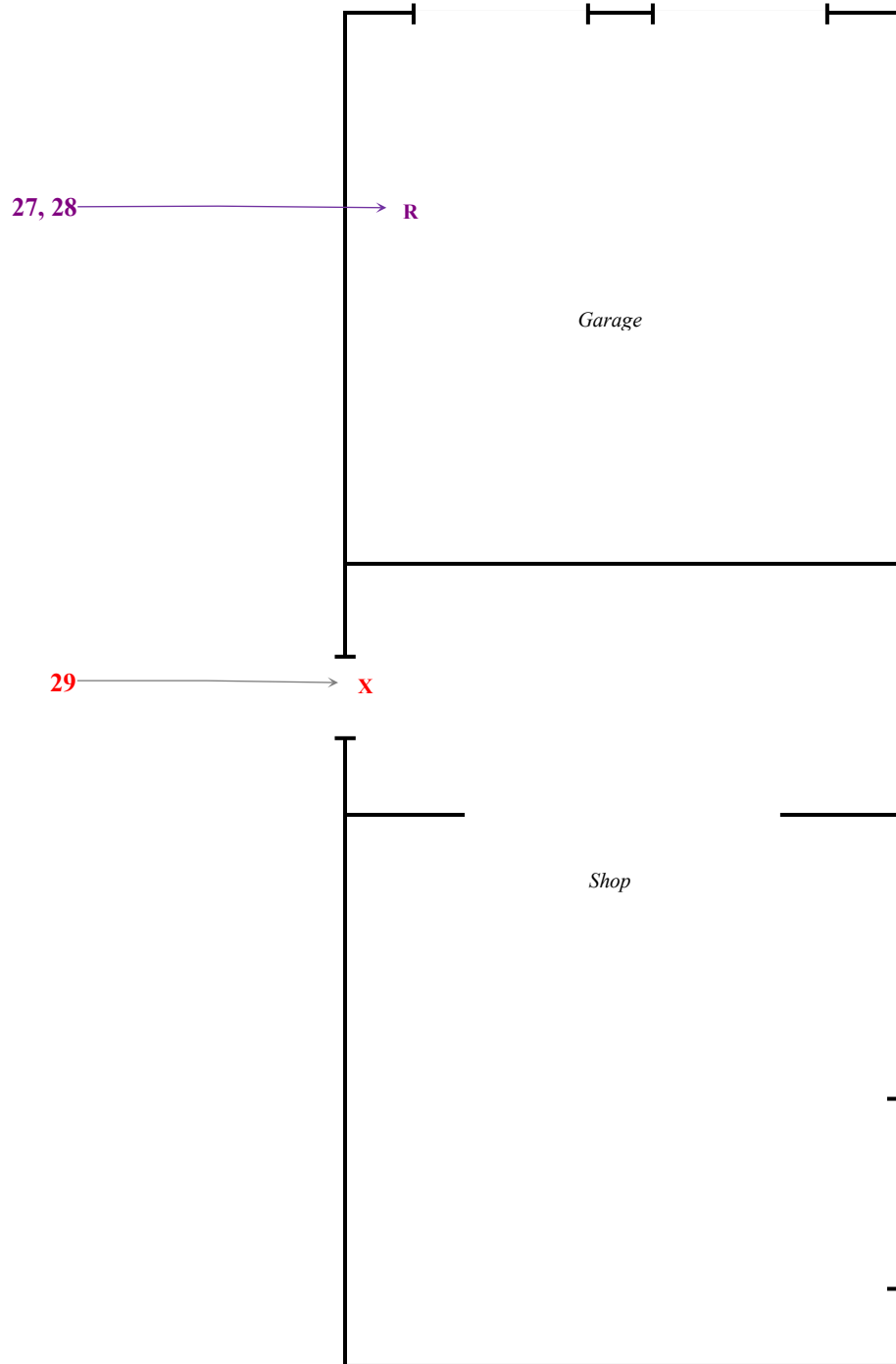
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**Job S75-23-02 Sample Location Diagram**  
**Demo House / 13568 Road 26 ½, Madera, CA**  
**Domingo Mora / Madera Unified School District**  
**Drawing not to Scale**



Y = Exterior Samples  
X = Interior Samples  
R = Roof Samples







**McCall and Spero**  
**Environmental, Inc.**

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: July 6, 2023

Attention: Tommy Leon  
Leon Environmental Services

Subject: Analysis of bulk samples for asbestos mineral fibers by Polarized Light  
Microscopy (PLM) with Dispersion Staining (EPA/600/R-93/116)

RE: MSE-P763LEO.1  
Domingo Mora, Madera Unified School District - Demo House: 13568 Road  
26 1/2; Madera, CA Project  
LEO# S75-23-02

Dear Mr. Leon:

McCall & Spero Environmental, Inc. has completed the analysis of the bulk samples we received from your offices on July 6, 2023. These samples represent the bulk samples from the Domingo Mora, Madera Unified School District - Demo House: 13568 Road 26 1/2; Madera, CA Project.

The PLM bulk analysis was performed according to the "Method of the Determination of Asbestos in Bulk Building Materials", R. L. Perkins and B. W. Harvey (EPA/600/R-93/116).

The results for the forty-two (42) samples are summarized in the following report. Please note that for samples consisting of two or more distinct components, each component is analyzed and reported individually (EPA 40 CFR Part 61 [FRL-4821-71]).

Thank you for consulting McCall & Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

Kevin R. Bean, B.A.  
PLM Laboratory Director

## **SUMMARY OF PLM BULK ANALYSIS RESULTS**

Page 1

Project Name: Domingo Mora, Madera Unified School District - Demo House: 13568 Road 26 1/2; Madera, CA Project

McCall & Spero Environmental Project No. MSE-P763LEO.1

MSE # P763LEO.1	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001 (A)	01 (A) Linoleum	CH / 3%	Cellulose / 5%	92%	Tan
001 (B)	01 (B) Adhesive	CH / 3%	Cellulose / 5%	92%	White
002 (A)	02 (A) Floor Tile	ND	Cellulose / 2%	98%	Tan
002 (B)	02 (B) Mastic	CH / 3%	Cellulose / 5%	92%	Black
003	03 Filler Material	ND	Cellulose / 3%	97%	Gray
004 (A)	04 (A) Linoleum	CH / 5%	Cellulose / 5%	90%	Tan
004 (B)	04 (B) Adhesive	CH / 5%	Cellulose / 5%	90%	White
005	05 Vapor Barrier	ND	Cellulose / 5% Synthetics / 5%	90%	Brown
006 (A)	06 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	Tan
006 (B)	06 (B) Plaster	ND	Cellulose / 3%	97%	White
007	07 Plaster	ND	Cellulose / 3%	97%	Gray
008 (A)	08 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	Brown
008 (B)	08 (B) Plaster	ND	Cellulose / 3%	97%	White
009 (A)	09 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	Green

McCall & Spero Environmental, Inc.

## **SUMMARY OF PLM BULK ANALYSIS RESULTS**

Page 2

MSE # P763LEO.1	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
009 (B)	09 (B) Plaster	ND	Cellulose / 3%	97%	White
010 (A)	10 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	Tan
010 (B)	10 (B) Plaster	ND	Cellulose / 3%	97%	White
011 (A)	11 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	Green
011 (B)	11 (B) Plaster	ND	Cellulose / 3%	97%	White
012	12 Plaster	ND	Cellulose / 3%	97%	Gray
013 (A)	13 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	White
013 (B)	13 (B) Plaster	ND	Cellulose / 3%	97%	White
014 (A)	14 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	White
014 (B)	14 (B) Plaster	ND	Cellulose / 3%	97%	Gray
015	15 Button Board	ND	Cellulose / 10%	90%	White
016 (A)	16 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	Blue
016 (B)	16 (B) Plaster	ND	Cellulose / 3%	97%	White
017 (A)	17 (A) Texture/Color Coat	ND	Cellulose / 2%	98%	Tan
017 (B)	17 (B) Plaster	ND	Cellulose / 3%	97%	White

McCall & Spero Environmental, Inc.



## SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 3

MSE # P763LEO.1	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
018	18 Window Putty	ND	Cellulose / 7%	93%	White
019	19 Asphalt Shingle	ND	Cellulose / 5% Glass / 10%	85%	Gray
020	20 Tar Paper	ND	Cellulose / 5% Synthetics / 10%	85%	Black
021	21 Asphalt Shingle	ND	Cellulose / 5% Glass / 10%	85%	Red
022	22 Tar Paper	ND	Cellulose / 5% Synthetics / 10%	85%	Black
023	23 Asphalt Shingle	ND	Cellulose / 5% Glass / 10%	85%	Gray
024	24 Asphalt Shingle	ND	Cellulose / 5% Glass / 10%	85%	Gray
025	25 Mastic	ND	Cellulose / 5%	95%	Gray
026	26 Concrete	ND	Cellulose / 2%	98%	Gray
027	27 Asphalt Shingle	ND	Cellulose / 5% Glass / 10%	85%	Red
028	28 Tar Paper	ND	Cellulose / 5% Synthetics / 10%	85%	Black
029	29 Concrete	ND	Cellulose / 2%	98%	Gray
030	30 Thin Set	ND	Cellulose / 5%	95%	Tan

## SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 4

### NOTES:

ND = None Detected  
CR = Crocidolite

CH = Chrysotile  
AN = Anthophyllite

A = Amosite  
TR = Tremolite

AC = Actinolite

For samples consisting of separate components, each component is analyzed and reported separately.

Results apply only to items tested. Quantification is accurate to within  $\pm 10\%$ . Results from this report must not be reproduced, except in full, with the approval of McCall & Spero Environmental, Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

\*\* EPA recommends that bulk materials found negative for asbestos or less than one percent asbestos by polarized light microscopy that fall into one of five dominantly nonfriable categories be reanalyzed by an additional method, such as transmission electron microscopy. (EPA Notice of Advisory, FR Vol. 59, No. 146 & Test Method EPA 600/ R-93/ 116).

Analyst: Taylor B. Parmly

A handwritten signature in dark ink, reading "Taylor B. Parmly", is written over a horizontal line.

# Leon Environmental Services

4545 N. Brawley Ave., Suite 104, Fresno, CA 93722 Phone: 559.274.9200 Fax: 559.274.9240 Email: LeonEnviro@comcast.net

Customer: **Domingo Mora**

Company

**Madera Unified School District**

Date: **July 5, 2023**

Job No.

**S75-23-02**

Analysis **PLM**

Turn Around:

**Rush**

**Same Day**

Next Day

2-3 Day

4-5 days

Inspection Site : **Demo House, 13568 Road 26 1/2, Madera, CA**

Sample No	Location	Material			Quantity
		Color	Type	Frable	
01	Kitchen - Floor (Top Layer)		Linoleum		
	Kitchen - Floor (Top Layer)		Adhesive		
02	Kitchen - Floor (Bottom Layer)		Floor Tile		
	Kitchen - Floor (Bottom Layer)	Black	Mastic		
03	Hall - Floor		Filler Material		
04	Laundry Room - Floor (Top Layer)		Linoleum		
	Laundry Room - Floor (Top Layer)		Adhesive		
05	Laundry Room - Floor (Bottom Layer)		Vapor Barrier		
06	Front Room - Wall		Texture/ Color Coat		
	Front Room - Wall	White	Plaster		
07	Front Room - Wall	Grey	Plaster		
08	Bedroom 01 - Wall (Top Layer)		Texture/ Color Coat		
	Bedroom 01 - Wall (Top Layer)		Plaster		
09	Bedroom 01 - Wall (Bottom Layer)		Texture/ Color Coat		
	Bedroom 01 - Wall (Bottom Layer)		Plaster		
10	Hall - Wall		Texture/ Color Coat		
	Hall - Wall		Plaster		
11	Bedroom 02 - Wall		Texture/ Color Coat		
	Bedroom 02 - Wall	White	Plaster		
12	Bedroom 02 - Wall	Grey	Plaster		

Relinquished

By **R. G. P.**

Date **7-5-23**

Received

By **Taylor Dammay**

Date

**7/6/23**



# Leon Environmental Services

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Customer: **Domingo Mora**

Company

**Madera Unified School District**

Date: **July 5, 2023**

Job No.

**S75-23-02**

Analysis **PLM**

Turn Around:

**Rush**

**Same Day**

Next Day

2-3 Day

4-5 days

Inspection Site : **Demo House, 13568 Road 26 1/2, Madera, CA**

Sample No	Location	Material			Quantity
		Color	Type	Frable	
13	Kitchen - Wall		Texture/ Color Coat		
	Kitchen - Wall		Plaster		
14	Front Room - Ceiling		Texture/ Color Coat		
	Front Room - Ceiling		Plaster		
15	Front Room - Ceiling		Button Board		
16	Bedroom 02 - Ceiling		Texture/ Color Coat		
	Bedroom 02 - Ceiling		Plaster		
17	Kitchen - Ceiling		Texture/ Color Coat		
	Kitchen - Ceiling		Plaster		
18	Exterior Window		Window Putty		
19	Roof - East Area (Top Layer)	Light Grey	Asphalt Shingle		
20	Roof - East Area (Top Layer)		Tar Paper		
21	Roof (Bottom Layer)	Red	Asphalt Shingle		
22	Roof (Bottom Layer)		Tar Paper		
23	Roof - Ridge Cap	Dark Grey	Asphalt Shingle		
24	Roof - West Area	Dark W/ Red	Asphalt Shingle		
25	Roof Vent	Grey	Mastic		
26	Foundation		Concrete		

Relinquished

By

*A. G.*

Date

**7-5-23**

Received

By

*Taylor Parnley*

Date

**7/6/23**

4545 N. Brawley Ave., Suite 104, Fresno, CA 93722 Phone: 559.274.9200 Fax: 559.274.9240 Email: [LeonEnviro@comcast.net](mailto:LeonEnviro@comcast.net)

**4-5 days**

7672