

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
13544 Road 26 ½
Madera, CA
Job No. S75-23-01**

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, 13544 Road 26 ½, Madera, CA **S75-23-01**

BUILDING DESCRIPTION

An asbestos survey was performed on **July 05, 2023** at **13544 Road 26 ½, Madera, CA**. The building is approximately 50-60 years old and approximately 3900sqft. It has a wood frame, wood siding, and asphalt shingled roof. The interior walls and ceilings are wood finishes with some areas of sheetrock with associated joint compound and texture. The floor is concrete covered with linoleum, ceramic tile, and carpet. 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 **46** analyses from **34** samples collected from this structure at this site. The samples listed on the table below were positive for asbestos. 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	Laundry Room Floor	Linoleum	5%	Yes	144'
		Adhesive	5%	No	144'
02	Entry Floor	Grout	ND		
03	Entry Floor	Mortar	ND		
04, 06, 08, 10, 12, 16	Master Bedroom Closet, Bathroom 1, Bedroom 1, Master Bath, Kitchen, Laundry Room, Bathroom 2 Walls & Ceilings	Texture/Paint	ND		
05, 07, 09 11, 13, 17, 23, 24	Master Bedroom Closet, Bathroom 1, Bedroom 1, Master Bath, Kitchen, Laundry Room, Bathroom 2, Garage Walls & Ceilings	Joint Compound	ND		
		Sheetrock	ND		
18, 19, 20, 21, 22	Office, Bedroom 1, Hall, Master Bedroom, Master Bedroom Closet	Spray Acoustic	ND		
25	Roof	Asphalt Shingle	ND		

Asbestos Survey: Demo House, 13544 Road 26 ½, Madera, CA
S75-23-01

26	Roof	Tap Paper	ND		
27, 28	Chimney	Mastic	ND		
29	Patio Roof	Rolled Roofing Material Core	ND		
30, 31	Pool steps	Color Coat	ND		
		Plaster	ND		
32	Pool Edge	Grout	ND		
33, 34	House Foundation, Garage	Concrete	ND		

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

COMMENTS AND RECOMMENDATIONS

Friable Asbestos

The Linoleum and Adhesive (sample 01) located on the floor in the laundry room, bathroom, and hall, 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

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.

Asbestos Survey: Demo House, 13544 Road 26 ½, Madera, CA **S75-23-01**

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.

LIMITATIONS OF LIABILITY

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

Asbestos Survey: Demo House, 13544 Road 26 ½, Madera, CA
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Environmental Services will not be responsible for the interpretation or use by others of information contained within this report.

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.

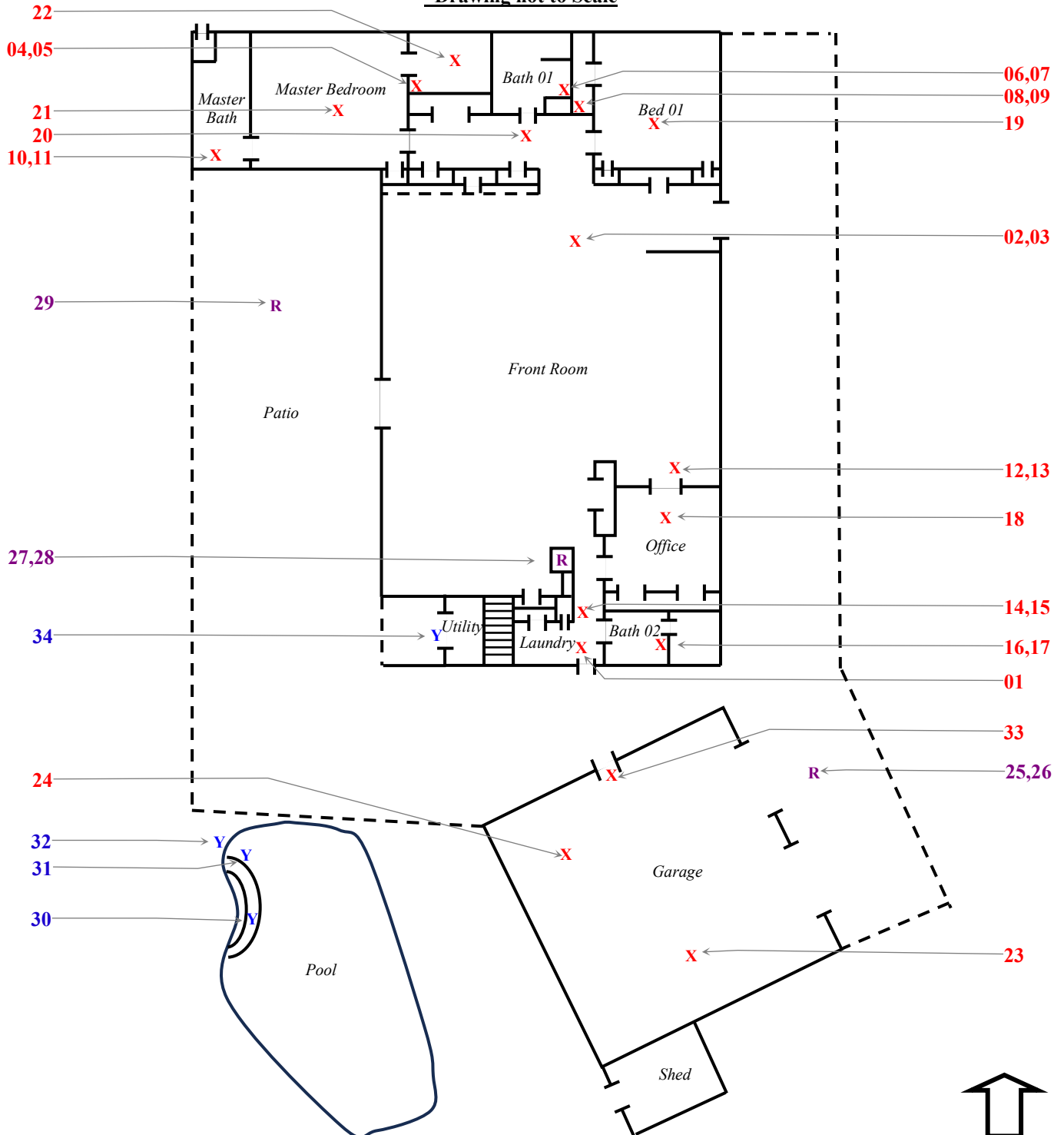
Homogeneous—H

Not Sampled--NS

Leon Environmental Services

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

Job S75-23 / Sample Location Diagram
Demo House / 13544 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 • Website: 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
Domingo Mora, Madera Unified School District - Demo House: 13544 Road
26 1/2; Madera, CA Project
LEO# S75-23-01

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: 13544 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-six (46) 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: 13544 Road 26 1/2; Madera, CA Project

McCall & Spero Environmental Project No. MSE-P763LEO

MSE # P763LEO	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001 (A)	01 (A) Linoleum	CH / 5%	Cellulose / 5%	90%	Tan
001 (B)	01 (B) Adhesive	CH / 5%	Cellulose / 5%	90%	White
002	02 Grout	ND	Cellulose / 3%	97%	Brown
003	03 Mortar	ND	Cellulose / 3%	97%	Brown
004	04 Texture/Paint	ND	Cellulose / 2%	98%	White
005 (A)	05 (A) Joint Compound	ND	Cellulose / 5%	95%	White
005 (B)	05 (B) Sheetrock	ND	Cellulose / 10%	90%	White
006	06 Texture/Paint	ND	Cellulose / 2%	98%	Orange
007 (A)	07 (A) Joint Compound	ND	Cellulose / 5%	95%	White
007 (B)	07 (B) Sheetrock	ND	Cellulose / 10%	90%	White
008	08 Texture/Paint	ND	Cellulose / 2%	98%	White
009 (A)	09 (A) Joint Compound	ND	Cellulose / 5%	95%	White
009 (B)	09 (B) Sheetrock	ND	Cellulose / 10%	90%	White
010	10 Texture/Paint	ND	Cellulose / 2%	98%	Tan

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

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MSE # P763LEO	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
011 (A)	11 (A) Joint Compound	ND	Cellulose / 5%	95%	White
011 (B)	11 (B) Sheetrock	ND	Cellulose / 10%	90%	White
012	12 Texture/Paint	ND	Cellulose / 2%	98%	Tan
013 (A)	13 (A) Joint Compound	ND	Cellulose / 5%	95%	White
013 (B)	13 (B) Sheetrock	ND	Cellulose / 10%	90%	White
014	14 Texture/Paint	ND	Cellulose / 2%	98%	Tan
015 (A)	15 (A) Joint Compound	ND	Cellulose / 5%	95%	White
015 (B)	15 (B) Sheetrock	ND	Cellulose / 10%	90%	White
016	16 Texture/Paint	ND	Cellulose / 2%	98%	Tan
017 (A)	17 (A) Joint Compound	ND	Cellulose / 5%	95%	White
017 (B)	17 (B) Sheetrock	ND	Cellulose / 10%	90%	White
018	18 Spray Acoustic	ND	Cellulose / 10%	90%	White
019	19 Spray Acoustic	ND	Cellulose / 10%	90%	White
020	20 Spray Acoustic	ND	Cellulose / 10%	90%	White
021	21 Spray Acoustic	ND	Cellulose / 10%	90%	White

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 3

MSE # P763LEO	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
022	22 Spray Acoustic	ND	Cellulose / 10%	90%	White
023 (A)	23 (A) Joint Compound	ND	Cellulose / 5%	95%	White
023 (B)	23 (B) Sheetrock	ND	Cellulose / 10%	90%	White
024 (A)	24 (A) Joint Compound	ND	Cellulose / 5%	95%	White
024 (B)	24 (B) Sheetrock	ND	Cellulose / 10%	90%	White
025	25 Asphalt Shingle	ND	Cellulose / 5% Glass / 10%	85%	Brown
026	26 Tar Paper	ND	Cellulose / 5% Synthetics / 5%	90%	Black
027	27 Mastic	ND	Cellulose / 5% Synthetics / 5%	90%	Black
028	28 Mastic	ND	Cellulose / 5% Synthetics / 5%	90%	Gray
029	29 Rolled Roofing	ND	Cellulose / 5% Glass / 10%	85%	Black
030 (A)	30 (A) Color Coat	ND	Cellulose / 2%	98%	White
030 (B)	30 (B) Plaster	ND	Cellulose / 3%	97%	White
031 (A)	31 (A) Color Coat	ND	Cellulose / 2%	98%	White
031 (B)	31 (B) Plaster	ND	Cellulose / 3%	97%	White
032	32 Grout	ND	Cellulose / 3%	97%	Brown

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 4

MSE # P763LEO	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
033	33 Concrete	ND	Cellulose / 2%	98%	Gray
034	23 Concrete	ND	Cellulose / 2%	98%	Gray

NOTES:

ND = None Detected
CR = Crocidolite

CH = Chrysotile
AN = Anthophyllite

A = Amosite
TR = Tremolite

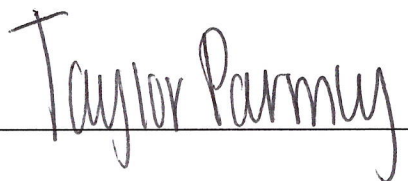
AC = Actinolite

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



McCall & Spero Environmental, Inc.

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.

S75-23-01

Analysis

PLM

Turn Around:

Rush

Same Day

Next Day

2-3 Day

4-5 days

Inspection Site : **Demo House, 13544 Road 26 1/2, Madera, CA**

Sample No	Location	Material		Quantity
		Color	Type	
01	Laundry Room - Floor		Linoleum	
	Laundry Room - Floor		Adhesive	
02	Entry - Floor		Grout	
03	Entry - Floor		Mortar	
04	Master Bedroom Closet - Wall		Texture/ Paint	
05	Master Bedroom Closet - Wall		Joint Compound	
	Master Bedroom Closet - Wall		Sheetrock	
06	Bathroom 01 - Wall		Texture/ Paint	
07	Bathroom 01 - Wall		Joint Compound	
	Bathroom 01 - Wall		Sheetrock	
08	Bedroom 01 Closet - Wall		Texture/ Paint	
09	Bedroom 01 Closet - Wall		Joint Compound	
	Bedroom 01 Closet - Wall		Sheetrock	
10	Master Bathroom - Ceiling		Texture/ Paint	
11	Master Bathroom - Ceiling		Joint Compound	
	Master Bathroom - Ceiling		Sheetrock	
12	Kitchen - Ceiling		Texture/ Paint	
13	Kitchen - Ceiling		Joint Compound	
	Kitchen - Ceiling		Sheetrock	
14	Laundry Room - Ceiling		Texture/ Paint	

Relinquished

By

A. Garcia

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

Madera Unified School District

S75-23-01

Next Day

2-3 Day

4-5 days

Relinquished By 	Date 7-5-23	Received By Taylor Purmy	Date 7/6/23
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4545 N. Brawley Ave., Suite 104, Fresno, CA 93722 Phone: 559.274.9200 Fax: 559.274.9240 Email: LeonEnviro@comcast.net

Company

Job No.

4-5 days

Frick/0

Concrete

Date _____