

OLD TRAILS  
DEMOLITION  
P.O. BOX 3847  
KINGMAN, AZ 86402  
(928) 753-2957  
FAX (928) 753-5533

ASBESTOS TESTING REPORT

FOR:

CITY OF KINGMAN  
ATTENTION: JIM MCERLEAN  
1800 PICO - GARAGE  
KINGMAN, AZ

REPORT DATE: JUNE 27, 2016

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OLD TRAILS DEMOLITION  
P.O. BOX 3847  
KINGMAN, AZ 86402  
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June 27, 2016

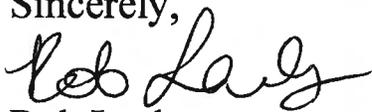
City of Kingman  
310 N. 4th Street  
Kingman, AZ 86401

Dear Jim McErlean:

Upon your request, on June 16th, Old Trails performed a thorough inspection of suspect ACM's for areas where renovation or demolition is to be performed. Please see attached report for the results.

Should you have any questions on the findings or recommendations of this report, feel free to contact Rob Lackey, Certified AHERA Building Inspector at Old Trails Demolitions at (928) 753-2957.

Sincerely,



Rob Lackey

AHERA Building Inspector #10051-1411667-219568

## I. Scope of Work

Old Trails was hired to perform an asbestos inspection for City of Kingman at 1800 Pico - Garage, Kingman, AZ. We performed inspection and bulk sampling on June 16th, 2016 per information provided by Jim McErlean.

The purpose of asbestos inspection was to ascertain the presence of asbestos or to prove materials being disturbed in project are negative for asbestos prior to renovation or demolition. If any suspect material is found that was not listed, please contact us for further testing.

## II. Building Description

The property tested is a single story garage - wood and masonry.

## III. Inspection Methods

A total of twenty-one (21) bulk samples were collected in various areas of the single story garage. A identification number was used for each sample. A total of 21 samples were analyzed (including all layers), results are reported and can be found attached in Appendix A.

## IV. Laboratory Analytical Method

The bulk samples were submitted to LA Testing, to be analyzed for asbestos content by Polarized Light Microscopy using the EPA method 600/R-93/116. LA Testing is accredited under the NIST/NVLAP program for asbestos in bulk material.

To ensure valid and reliable results and to monitor samples during collection, shipment, testing and subsequent disposal phase of potentially asbestos-containing materials, Old Trails, has established a quality assurance program for the collection and submittal of bulk samples. This program consists of:

- Creation of chain of custody form to keep track of the samples always by assigning responsibility for each phase of the data collection and analysis process to a specific person.
- Use of EPA-accredited laboratories that participate in the National Voluntary Laboratory Accreditation Program (NVLAP) sponsored by to

National Institute of Standards and Technology for asbestos testing.

## V. Results of Investigation

In accordance with the Environmental Protection Agency (EPA), any construction material containing more than one percent asbestos by weight is considered an Asbestos Containing Material (ACM). In addition, according to policies developed for schools, by the EPA, a homogenous material is considered to contain asbestos, when asbestos is detected in one or more samples of the subject material.

Table 1 - summarizes the homogenous areas inspected and sampled and presents the laboratory results.

Notes from inspector:

In conclusion, all sample came back negative for asbestos.

Sincerely,



Rob Lackey

AHERA Building Inspector #10051-1411667-219568

TABLE 1 ASBESTOS RESULTS 1800 PICO - GARAGE							
Area Tested	Type of Material	Sample #	Sample Locations	Quantity	Condition	PLM Results	Percent
Exterior	Roof	1 - 1	Original	N/A	N/A	ND	0%
Exterior	Roof	1 - 2	Original	N/A	N/A	ND	0%
Exterior	Roof	2 - 1	White 3 Tab	N/A	N/A	ND	0%
Exterior	Roof	2 - 2	White 3 Tab	N/A	N/A	ND	0%
Exterior	Roof	3 - 1	Middle	N/A	N/A	ND	0%
Exterior	Roof	3 - 2	Middle	N/A	N/A	ND	0%
Exterior	Concrete	4 - 1	Concrete	N/A	N/A	ND	0%
Exterior	Concrete	4 - 2	Concrete	N/A	N/A	ND	0%
Interior	Wall Board	5 - 1	Behind Stucco	N/A	N/A	ND	0%
Interior	Wall Board	5 - 2	Behind Stucco	N/A	N/A	ND	0%
Interior	Wall Board	5 - 3	Behind Stucco	N/A	N/A	ND	0%
Interior	Wall Board	5 - 4	Behind Stucco	N/A	N/A	ND	0%
Interior	Wall Board	5 - 5	Behind Stucco	N/A	N/A	ND	0%
Interior	Fiberboard	6 - 1	Fiberboard	N/A	N/A	ND	0%
Interior	Fiberboard	6 - 2	Fiberboard	N/A	N/A	ND	0%
Interior	Fiberboard	6 - 3	Fiberboard	N/A	N/A	ND	0%
Interior	Ceiling & Walls	7 - 1	Ceiling & Walls	N/A	N/A	ND	0%
Interior	Ceiling & Walls	7 - 2	Ceiling & Walls	N/A	N/A	ND	0%
Interior	Ceiling & Walls	7 - 3	Ceiling & Walls	N/A	N/A	ND	0%
Interior	Concrete	8 - 1	Foundation	N/A	N/A	ND	0%
Interior	Concrete	8 - 2	Foundation	N/A	N/A	ND	0%
ND = None Detected		CH = Chrysotile		CR = Crocidolite		A = Amosite	
N/A - Not Applicable		A/P = Assume Positive		NT = Not Tested			

APPENDIX A  
LABORATORY ANALYTICAL REPORT  
&  
CHAIN OF CUSTODY



# LA Testing

82 West Sierra Madre Blvd Sierra Madre, CA 91024  
Tel/Fax: (626) 355-4711 / (626) 355-4497  
http://www.LATesting.com / sierramadrelab@latesting.com

LA Testing Order: 451602174

Customer ID: OTRL42

Customer PO:

Project ID:

Attention: Julie Lackey  
Old Trails  
301 S. 4th Street  
Kingman, AZ 86401

Phone: (928) 753-2957

Fax:

Received Date: 06/20/2016 8:00 AM

Analysis Date: 06/22/2016

Collected Date: 06/16/2016

Project: 1800 PICO - GARAGE

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1-1 51602174-0001	Original roof - roof	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
1-2 51602174-0002	Original roof - roof	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2-1 51602174-0003	3-tab roof - roof	White/Black Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
2-2 51602174-0004	3-tab roof - roof	White/Black Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
3-1 51602174-0005	Middle roof - roof	White/Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
3-2 51602174-0006	Middle roof - roof	White/Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
4-1 51602174-0007	Concrete - exterior	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4-2 51602174-0008	Concrete - exterior	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-1 51602174-0009	Wallboard - behind stucco	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
5-2 51602174-0010	Wallboard - behind stucco	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
5-3 51602174-0011	Wallboard - behind stucco	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
5-4 51602174-0012	Wallboard - behind stucco	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
5-5 51602174-0013	Wallboard - behind stucco	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
6-1 51602174-0014	Fiberboard - interior wall	Brown/White Non-Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
6-2 51602174-0015	Fiberboard - interior wall	Brown/White Non-Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
6-3 51602174-0016	Fiberboard - interior wall	Brown/White Non-Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected

Initial Report From: 06/22/2016 17:48:41



# LA Testing

82 West Sierra Madre Blvd Sierra Madre, CA 91024  
Tel/Fax: (626) 355-4711 / (626) 355-4497  
http://www.LATesting.com / sierramadrelab@lateesting.com

LA Testing Order: 451602174

Customer ID: OTRL42

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
7-1 151602174-0017	On ceiling & walls - n/a	Tan/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
7-2 151602174-0018	On ceiling & walls - n/a	Tan/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
7-3 151602174-0019	On ceiling & walls - n/a	Tan/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
3-1 151602174-0020	Concrete - n/a	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
3-2 151602174-0021	Concrete - n/a	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s) \_\_\_\_\_

Roger Casillas (21)

Arturo Casas Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported 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. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by LA Testing Sierra Madre, CA NVLAP Lab Code 102116-0, CA ELAP 1269

Initial Report From: 06/22/2016 17:48:41



# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

LATESTING  
520 MISSION STREET  
SOUTH PASADENA, CA 91030  
PHONE: (800)-303-0047  
FAX: (323)-254-9962

Company: <u>Old Trails</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: <u>P.O. Box 3847</u>		<small>Third Party Billing requires written authorization from third party</small>	
City: <u>Kipomen</u>	State/Province: <u>AZ</u>	Zip/Postal Code: <u>86402</u>	Country: <u>USA</u>
Report To (Name): <u>Julie Lackey</u>		Telephone #: <u>(928) 753-2957</u>	
Email Address: <u>oldtrails@npgcable.com</u>		Fax #: <u>(928) 753-5533</u>	Purchase Order:
Project Name/Number: <u>1800-Pico-Garage</u>		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: <u>21</u>		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

**Turnaround Time (TAT) Options\* - Please Check**

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

\*For TEM Air 3 hr through 6 hr, please call ahead to schedule. \*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 <b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>TEM-Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique <b>Other:</b> <input type="checkbox"/>
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Check For Positive Stop - Clearly Identify Homogenous Group  
 Filter Pore Size (Air Samples):  0.8µm  0.45µm

Samplers Name: Rob Lackey      Samplers Signature: [Signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1-1	Roof - Original		6/16/16-10:45
1-2	Roof - Original		6/16/16-10:45
2-1	Roof - White, 3 Tabs		6/16/16-10:45
2-2	Roof - White, 3 Tabs		6/16/16-10:45
3-1	Roof - middle		6/16/16-10:45
3-2	Roof - middle		6/16/16-10:45
4-1	Concrete - Exterior		6/16/16-10:45
4-2	Concrete - Exterior		6/16/16-10:45

Client Sample # (s): \_\_\_\_\_      Total # of Samples: \_\_\_\_\_

Relinquished (Client): [Signature]      Date: 6/16/16      Time: 2:25pm

Received (Lab): \_\_\_\_\_      Date: \_\_\_\_\_      Time: \_\_\_\_\_

Comments/Special Instructions: \_\_\_\_\_



APPENDIX B  
LICENSING

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# THE ASBESTOS INSTITUTE

*Certifies that* **ROB LACKEY**

has attended the EPA approved course

Building Inspector Refresher

and successfully passed and completed  
the competency exam.

This training meets all requirements for asbestos  
accreditation under TSCA Title II.

Issue Date : 08-Jan 2016

Expiration Date : 08-Jan 2017



  
Approved Instructor