

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
552 PARK STREET
KINGMAN, AZ

REPORT DATE: JANUARY 25, 2016

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OLD TRAILS DEMOLITION
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KINGMAN, AZ 86402
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FAX (928) 753-5533

January 25, 2016

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

Dear Jim McErlean:

Upon your request, on January 12th, 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 552 Park Street, Kingman, AZ. We performed inspection and bulk sampling on January 12th, 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 structure residential home with at least 3 additions, structure is wood.

III. Inspection Methods

A total of twenty-four (24) bulk samples were collected in various areas of the single story residential house. A identification number was used for each sample. A total of 24 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

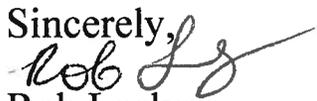
Table 2 - summarizes the asbestos containing material

Notes from inspector:

In conclusion, two samples came back positive for asbestos which were for the 12" flooring on the top layer of the kitchen.

5-1A and 5-2A - 12" Flooring Top Layer of Kitchen Floor. The flooring is under the 160 square feet of material. Any of this flooring should be considered Category 1 ACM (Asbestos Containing Material) and removed professionally prior to renovation or demolition using OSHA Guidelines.

Sincerely,



Rob Lackey

AHERA Building Inspector

TABLE 1		ASBESTOS RESULTS		552 PARK STREET			
Area Tested	Type of Material	Sample #	Sample Locations	Quantity	Condition	PLM Results	Percent
Interior	Drywall	1 - 1	Drywall	N/A	N/A	ND	0%
Interior	Drywall	1 - 2	Drywall	N/A	N/A	ND	0%
Interior	Drywall	1 - 3	Drywall	N/A	N/A	ND	0%
Interior	Ceiling Board	2 - 1	Ceiling Board	N/A	N/A	ND	0%
Interior	Ceiling Board	2 - 2	Ceiling Board	N/A	N/A	ND	0%
Interior	Ceiling Board	2 - 3	Ceiling Board	N/A	N/A	ND	0%
Interior	Wallboard	3 - 1	Wallboard	N/A	N/A	ND	0%
Interior	Wallboard	3 - 2	Wallboard	N/A	N/A	ND	0%
Interior	12" Flooring	4 - 1 A	Kitchen-Under	N/A	N/A	ND	0%
Interior	12" Mastic	4 - 1 B	Kitchen-Under	N/A	N/A	ND	0%
Interior	12" Flooring	4 - 2 A	Kitchen-Under	N/A	N/A	ND	0%
Interior	12" Mastic	4 - 2 B	Kitchen-Under	N/A	N/A	ND	0%
Interior	12" Flooring	5 - 1 A	Kitchen-Top	<160 sq. ft.	Fair	CH	2%
Interior	12" Mastic	5 - 1 B	Kitchen-Top	N/A	N/A	ND	0%
Interior	12" Flooring	5 - 2 A	Kitchen-Top	<160 sq. ft.	Fair	CH	2%
Interior	12" Mastic	5 - 2 B	Kitchen-Top	N/A	N/A	ND	0%
Interior	Linoleum	6 - 1	Living Room	N/A	N/A	ND	0%
Interior	Linoleum	6 - 2	Living Room	N/A	N/A	ND	0%
Interior	Linoleum	7 - 1	Bedroom	N/A	N/A	ND	0%
Interior	Linoleum	7 - 2	Bedroom	N/A	N/A	ND	0%
Exterior	Felt Under Roof	8 - 1	Under Roof	N/A	N/A	ND	0%
Exterior	Felt Under Roof	8 - 2	Under Roof	N/A	N/A	ND	0%
Exterior	Mortar	9 - 1	Mortar	N/A	N/A	ND	0%
Exterior	Mortar	9 - 2	Mortar	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			

TABLE 2						
ASBESTOS CONTAINING RESULTS						
552 PARK STREET						
Area Tested	Type of Material	Sample #	Material Location	Quantity	Recommendations	Classifications
Interior	12" Flooring	5 - 1 A	Kitchen-Top	Under 160 sq. ft	Footnote 2 & 5	Category 1
Interior	12" Flooring	5 - 2 A	Kitchen-Top	Under 160 sq. ft	Footnote 2 & 5	Category 1
Footnote 1: No action needed - under 1% chrysotile - contractor should use OSHA guidelines						
Footnote 2: Non-Friable asbestos, do not cut, sand, drill, polish or damage the material						
Operations and Maintenance Program is suggested.						
Footnote 3: Friable asbestos						
Footnote 4: Remove affected asbestos containing materials prior to demolition						
Footnote 5: Use OSHA Guidelines when removing.						
Footnote 6: Use ADEQ Guidelines.						
RACM: Regulated Asbestos Containing Material, Friable Asbestos Containing Materials or						
Category 1 Non-Friable that has become friable or will be subject of mechanical removal process.						
Category 1: Non-Friable Asbestos Containing Materials, packing, gaskets, resilient floor covering and asphalt roofing products containing more than 1% asbestos.						
Category 2: Non-Friable Asbestos Containing Material other than Category 1 Non-Friable materials that when dry cannot be crumbled, pulverized or reduced to powder by hand pressure.						
***Contractor shall verify all quantities.						
***Contractor shall follow all OSHA regulations with samples less <1%						
***All black mastic should be treated as positive						

APPENDIX A
LABORATORY ANALYTICAL REPORT
&
CHAIN OF CUSTODY



LA Testing

82 West Sierra Madre Boulevard Sierra Madre, CA 91

Tel/Fax: (626) 355-4711 / (626) 355-4497

http://www.LATesting.com / sierramadrelab@latesting.co

LA Testing Order: 451600173

Customer ID: OTRL42

Customer PO:

Project ID:

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

Phone: (928) 753-2957

Fax:

Received Date: 1/19/2016 1:50 PM

Analysis Date: 1/19/2016

Collected Date: 1/12/2016

Project: 552 Park Street

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 451600173-0001	Drywall - N/A	White Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
1-2 451600173-0002	Drywall - N/A	White Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
1-3 451600173-0003	Drywall - N/A	Brown/White Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
2-1 451600173-0004	Ceiling Board - N/A	Brown/Tan Non-Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
2-2 451600173-0005	Ceiling Board - N/A	Brown/Tan Non-Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
2-3 451600173-0006	Ceiling Board - N/A	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
3-1 451600173-0007	Wallboard - N/A	Brown/Green Non-Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
3-2 451600173-0008	Wallboard - N/A	Brown/Green Non-Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
4-1-Flooring 451600173-0009	12" Floor Under Layer - Kitchen	Tan/Black Non-Fibrous Homogeneous	20% Cellulose 20% Synthetic	60% Non-fibrous (Other)	None Detected
4-1-Mastic 451600173-0009A	12" Floor Under Layer - Kitchen	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4-2-Flooring 451600173-0010	12" Floor Under Layer - Kitchen	Tan/Black Non-Fibrous Homogeneous	20% Cellulose 20% Synthetic	60% Non-fibrous (Other)	None Detected
4-2-Mastic 451600173-0010A	12" Floor Under Layer - Kitchen	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-1-Floor Tile 451600173-0011	12" Floor Top Layer - Kitchen	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
5-1-Mastic 451600173-0011A	12" Floor Top Layer - Kitchen	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-2-Floor Tile 451600173-0012	12" Floor Top Layer - Kitchen	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
5-2-Mastic 451600173-0012A	12" Floor Top Layer - Kitchen	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial Report From: 01/20/2016 11:50:52



LA Testing

82 West Sierra Madre Boulevard Sierra Madre, CA 91

Tel/Fax: (626) 355-4711 / (626) 355-4497

http://www.LATesting.com / sierramadrelab@lateesting.co

LA Testing Order: 451600173

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
6-1 451600173-0013	Linoleum - Living Room	Tan/Green Non-Fibrous Homogeneous	20% Cellulose 20% Synthetic	60% Non-fibrous (Other)	None Detected
6-2 451600173-0014	Linoleum - Living Room	Tan/Green Non-Fibrous Homogeneous	20% Cellulose 20% Synthetic	60% Non-fibrous (Other)	None Detected
7-1 451600173-0015	Linoleum - Bedroom Off Kitchen	Black Non-Fibrous Homogeneous	20% Cellulose 20% Synthetic	60% Non-fibrous (Other)	None Detected
7-2 451600173-0016	Linoleum - Bedroom Off Kitchen	White/Black Non-Fibrous Homogeneous	20% Cellulose 20% Synthetic	60% Non-fibrous (Other)	None Detected
8-1 451600173-0017	Felt - Undemeath Metal Roof	Black Non-Fibrous Homogeneous	45% Cellulose 40% Synthetic	15% Non-fibrous (Other)	None Detected
8-2 451600173-0018	Felt - Undemeath Metal Roof	Black Non-Fibrous Homogeneous	45% Cellulose 40% Synthetic	15% Non-fibrous (Other)	None Detected
9-1 451600173-0019	Mortar - N/A	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
9-2 451600173-0020	Mortar - N/A	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Roger Casillas (22)

Wesene Sebhat (2)

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: 01/20/2016 11:50:52



Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

451600173

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

Company: <u>Old Trails Mobile Home</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>		Third Party Billing requires written authorization from third party	
City: <u>Kingman</u>	State/Province: <u>AZ</u>	Zip/Postal Code: <u>86401</u>	Country: <u>US</u>
Report To (Name): <u>Rob or Julie Luckey</u>		Telephone #: <u>(928) 753-2957</u>	
Email Address: <u>old.trails@nprable.com</u>		Fax #: <u>(928) 753-5533</u>	
Purchase Order:		Project Name/Number: <u>552 Park Street</u>	
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail		U.S. State Samples Taken: <u>20</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.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <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	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <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%)	TEM - Bulk <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 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <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
Other: <input type="checkbox"/>		

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: _____ Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1-1	Drywall		1/12/16 - 12:00pm
1-2	Drywall		1/12/16 - 12:00pm
1-3	Drywall		1/12/16 - 12:00pm
2-1	Ceiling Board		1/12/16 - 12:00pm
2-2	Ceiling Board		1/12/16 - 12:00pm
2-3	Ceiling Board		1/12/16 - 12:00pm
3-1	Wall Board		1/12/16 - 12:00pm
3-2	Wall Board		1/12/16 - 12:00pm

Client Sample # (s): _____ Total # of Samples: 20

Relinquished (Client): Rob Luckey Date: 1/13/16 Time: 7:09am

Received (Lab): (J) (usps) Date: 1.19.16 Time: 1:50pm

Comments/Special Instructions: _____

APPENDIX B
LICENSING

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