

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
429 KIER STREET
KINGMAN, AZ

REPORT DATE: NOVEMBER 2, 2015

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OLD TRAILS DEMOLITION
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KINGMAN, AZ 86402
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November 2, 2015

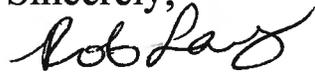
City of Kingman
310 N. 4th Street
Kingman, AZ 86401

Dear Jim McErlean:

Upon your request, on October 19th, 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 #G2614

I. Scope of Work

Old Trails was hired to perform an asbestos inspection for City of Kingman at 429 Kier Street, Kingman, AZ. We performed inspection and bulk sampling on October 19th, 2015 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 residential house and a shed.

III. Inspection Methods

A total of thirteen (13) bulk samples were collected in various areas of the burned mobile home and single story residential house. A identification number was used for each sample. A total of 13 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 Patch - Silver Around Chimney.

3-1 through 3-2 - Patch-Silver Around Chimney- 10%. All Patch-Silver Around Chimney should be considered Category 1. Use OSHA and ADEQ guidelines.

Sincerely,



Rob Lackey

AHERA Building Inspector

TABLE 1 ASBESTOS RESULTS 429 KIER STREET							
Area Tested	Type of Material	Sample #	Sample Locations	Quantity	Condition	PLM Results	Percent
Exterior	Rolled Roofing	1 - 1	Roof	N/A	N/A	ND	0%
Exterior	Rolled Roofing	1 - 2	Roof	N/A	N/A	ND	0%
Exterior	Rolled Roofing	1 - 3	Roof	N/A	N/A	ND	0%
Exterior	Rubber Roofing	2 - 1	Roof	N/A	N/A	ND	0%
Exterior	Rubber Roofing	2 - 2	Roof	N/A	N/A	ND	0%
Exterior	Patch	3 - 1	Roof	4 sq. ft.	Good	CH	10%
Exterior	Patch	3 - 2	Roof	4 sq. ft.	Good	CH	10%
Interior	Drywall	4 - 1	Room by Back	N/A	N/A	ND	0%
Interior	Drywall	4 - 2	Kitchen	N/A	N/A	ND	0%
Interior	Drywall	4 - 3	Living Room	N/A	N/A	ND	0%
Interior	Linoleum	5 - 1	Bathroom	N/A	N/A	ND	0%
Interior	Linoleum	5 - 2	Bathroom	N/A	N/A	ND	0%
Interior	Linoleum	5 - 3	Bathroom	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
429 KIER STREET

Area Tested	Type of Material	Sample #	Material Location	Quantity	Recommendations	Classifications
Exterior	Silver Patch	3 - 1	Roof - Chimney	4 sq. ft.	Footnote 2, 5 & 6	Category 1
Exterior	Silver Patch	3 - 2	Roof - Chimney	4 sq. ft.	Footnote 2, 5 & 6	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 91024

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

http://www.LATesting.com

sierramadrelab@latesting.com

LA Testing Order: 451500577

CustomerID: OTRL42

CustomerPO:

ProjectID:

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

Phone: (928) 753-2957
Fax:
Received: 10/21/15 12:00 PM
Analysis Date: 10/24/2015
Collected:

Project: 429 Kier 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 451500577-0001	Rolled Roofing	Brown/Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected	
1-2 451500577-0002	Rolled Roofing	Brown/Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected	
1-3 451500577-0003	Rolled Roofing	Brown/Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected	
2-1 451500577-0004	Rubber Roofing- Over Rolled Roofing	Black Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (other)	None Detected	
2-2 451500577-0005	Rubber Roofing- Over Rolled Roofing	Black Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (other)	None Detected	
3-1 451500577-0006	Patch-Silver- Around Chimney	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile	
3-2 451500577-0007	Patch-Silver- Around Chimney	Gray/Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile	
4-1 451500577-0008	Drywall-Room by Back Door	White Non-Fibrous Homogeneous	10% Cellulose 10% Glass	75% Non-fibrous (other) 5% Vermiculite	None Detected	

Analyst(s)

Roger Casillas (13)

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 10/26/2015 07:00:22



LA Testing

82 West Sierra Madre Boulevard, Sierra Madre, CA 91024

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

<http://www.LATesting.com>

sierramadrelab@latesting.com

LA Testing Order: 451500577

CustomerID: OTRL42

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Fax:
Received: 10/21/15 12:00 PM
Analysis Date: 10/24/2015
Collected:

Project: 429 Kier 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
4-2 451500577-0009	Drywall-Kitchen	White	10% Cellulose	75% Non-fibrous (other)	None Detected
		Non-Fibrous Homogeneous	10% Glass	5% Vermiculite	
4-3 451500577-0010	Drywall-Living Room	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
5-1 451500577-0011	Linoleum-Bathroom	Tan/Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5-2 451500577-0012	Linoleum-Bathroom	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5-3 451500577-0013	Linoleum-Bathroom	Tan/Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Roger Casillas (13)

Arturo Casas Laboratory Manager
or other approved signatory

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

Initial report from 10/26/2015 07:00:22

Request for Laboratory Services / Chain of Custody - Asbestos

Hygeia Laboratories Inc

8700 Sierra Madre Blvd

Monte Alegre, TX 79104

Phone: 954-371-1111

Fax: 954-371-1111

www.hygeialaboratories.com



Send Report To Rob or Julie Lackey

Company Name Old Trails

Company Address P.O. Box 3847

City State Zip Kingman, AZ 86402

Phone (928) 753-2957 Fax (928) 753-5533

Cell Pager (928) 716-6874

Hygeia Reference #

Client Project Name 429 Kier Street

Client Project #

Samples Submitted 13

Purchase Order #

Samples Analyzed

Send Report Via Email Fax Verbal Results? Do you require a mailed report?

Email Address oldtrails@npgeable.com

Turnaround Time Normal (3-5 business days) Next Day (24 hrs) Same Day (Fast) Weekend Rush

Type of Sample Air Bulk Dust (microvac) Dust (wipe) Soil Paint Water Other

Asbestos (Optical)

- FLM
- FLM Point Count 400 pts
- FLM Point Count 1000 pts
- PCM

Asbestos (TEM)

- AHERA
- EPA Level II
- NIOSH 7402 (PCM Equip)
- ISO 10312
- Qualitative Dust
- Quantitative Dust
- Drinking Water (potable)
- Drinking Water (non potable)
- Partial Characterization
- Qualitative Bulk
- Semi-Quantitative Bulk
- Full Quantitative Bulk
- Supplies

Additional Instructions

See Attached Sample Log

For Lab Use Only Sample Integrity _____ accept _____ reject 1st Sample # _____

Results Reported By Price / Sample _____

Date _____ Time _____ Initials _____

Date _____ Time _____ Initials _____

Date _____ Time _____ Initials _____

Invoice # _____

Log Out Date _____

Comments

Relinquished By	Received By	Date	Time	Reason for Change of Custody
-----------------	-------------	------	------	------------------------------

(Signature)

(Signature)

[Handwritten Signature] *[Handwritten Signature]* 10-21-15 12pm

The sample collector is responsible for ensuring that all samples have been preserved according to the appropriate and applicable methodology

Revised 12/1/2007

OLD TRAILS

4 5 1 5 0 0 5 7 7

SAMPLE LOG - 429 KIER STREET

Collection: October 19, 2015

Collected by: Rob Lackey

1-1 = Rolled Roofing

1-2 = Rolled Roofing

1-3 = Rolled Roofing

2-1 = Rubber Roofing - Over Rolled Roofing

2-2 = Rubber Roofing - Over Rolled Roofing

3-1 = Patch - Silver - Around Chimney

3-2 = Patch - Silver - Around Chimney

4-1 = Drywall - Room by Back Door

4-2 = Drywall - Kitchen

4-3 = Drywall - Living Room

5-1 = Linoleum - Bathroom

5-2 = Linoleum - Bathroom

5-3 = Linoleum - Bathroom

APPENDIX B
LICENSING

THE ASBESTOS INSTITUTE

Certifies that

Robert Lackey

has attended the EPA approved course
AHERA Building Inspector Refresher
Approval Code: CA-089-06
January 9, 2015
and successfully passed the competency exam.

Date of Examination: 1/9/2015

Date of Expiration: 1/9/2016



William T. Cavness
Director



Approved Instructor

THE ASBESTOS INSTITUTE
20033 N. 19th Avenue
Building #6
Phoenix, AZ, 85027
602-864-6564

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V. Results of Investigation

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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, seven samples came back positive for asbestos which were for the Silver Tar Paper Coating on Roof, Drywall and Roof on Garage.

4-1 through 4-2 - Silver Tar Paper Coating on Roof - 2%. All silver tar paper coating on roof should be considered Category 1. Use OSHA and ADEQ guidelines.

7-1 through 7-3 - Drywall - <1%. All drywall should be considered Category 1. Use OSHA and ADEQ guidelines.

9-1 through 9-2 - Roof on Garage - 2%. The whole roof on garage should be considered Category 1. Use OSHA and ADEQ guidelines.

Sincerely,



Rob Lackey

AHERA Building Inspector

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