

Burnside Enterprises, LLC

4030 Zurich Drive
Colorado Springs, CO 80920

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LIMITED ASBESTOS BUILDING INSPECTION

Prepared for :

City of Colorado Springs
Housing Development Division
702 E Boulder St
Colorado Springs, CO 80903

and

Margaret Bakker
2613 Gomer Ave
Colorado Springs, CO 80910

Property Address:

2613 Gomer Ave
Colorado Springs, CO 80910

Inspection performed by:

John Burnside
Colorado Asbestos Building Inspector # 21520

Burnside Enterprises, LLC
Asbestos Consulting Firm license # ACF-21529

Inspection performed on February 24, 2015

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SECTION I. INTRODUCTION & SUMMARY

On February 24, 2015 Burnside Enterprises, LLC performed a limited asbestos building inspection on the single-family residence located at 2613 Gomer Ave, Colorado Springs, CO 80910. The purpose of the inspection was to determine if Asbestos Containing Material (ACM) would be disturbed/impacted during a planned renovation of the property. The area inspected for ACM included the interior drywall and no other areas were inspected. Burnside Enterprises, LLC met with Margaret Bakker to develop a sampling scheme that would include any possible ACM materials in the area disturbed in the planned renovation.

John Burnside of Burnside Enterprises, LLC performed the asbestos building inspection. Individual and firm certifications can be found in Attachment C.

The following table summarizes the sampled materials and how each tested for ACM:

Sample No.	Description	Location	Friable/ Non-friable	% Asbestos	Amount of Material
2613-01	Drywall	Room 01	Friable	ND 0%	4000 sf
2613-02	Drywall	Room 02	Friable	ND 0%	
2613-03	Drywall	Room 04	Friable	ND 0%	
2613-04	Drywall	Room 03	Friable	ND 0%	
2613-05	Drywall	Room 07	Friable	ND 0%	

CH – Chrysotile

AM – Amosite Asbestos

CR – Crocidolite

ND – None Detected

SECTION II BUILDING INVENTORY

The property located at 2613 Gomer Ave, Colorado Springs, CO 80910 is approximately 969 SF and constructed in 1959. The structure is frame construction and has a forced air HVAC system. The structure is in overall good condition. The specific area tested for the presence of ACM includes the interior drywall walls. A sketch of the building floor plan is included in Attachment B, showing the location of the tested areas.

SECTION III BULK SAMPLING PROCEDURES AND LOCATION SELECTION

1. Determining Sampling Locations

Locations were selected for representative materials that will or may likely be disturbed by the planned renovation. The EPA divides suspect ACM into three categories as follows:

Surfacing Material means material that is sprayed on, troweled on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

Thermal System Insulation (TSI) means material applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.

Miscellaneous Material means interior building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include surfacing material or thermal system insulation.

Any samples taken at the site were categorized into one of these three categories. Representative samples were taken from any of these groups of materials that might be impacted by the planned renovation.

2. A total of 5 bulk samples were collected for this project. Samples were taken from representative materials that are anticipated to be disturbed during the upcoming renovation project. These samples were taken on February 24, 2015 and sent to an accredited lab for ACM analysis.

Attachment A - Bulk Sample Log

Burnside Enterprises, LLC
Bulk Sample Inventory

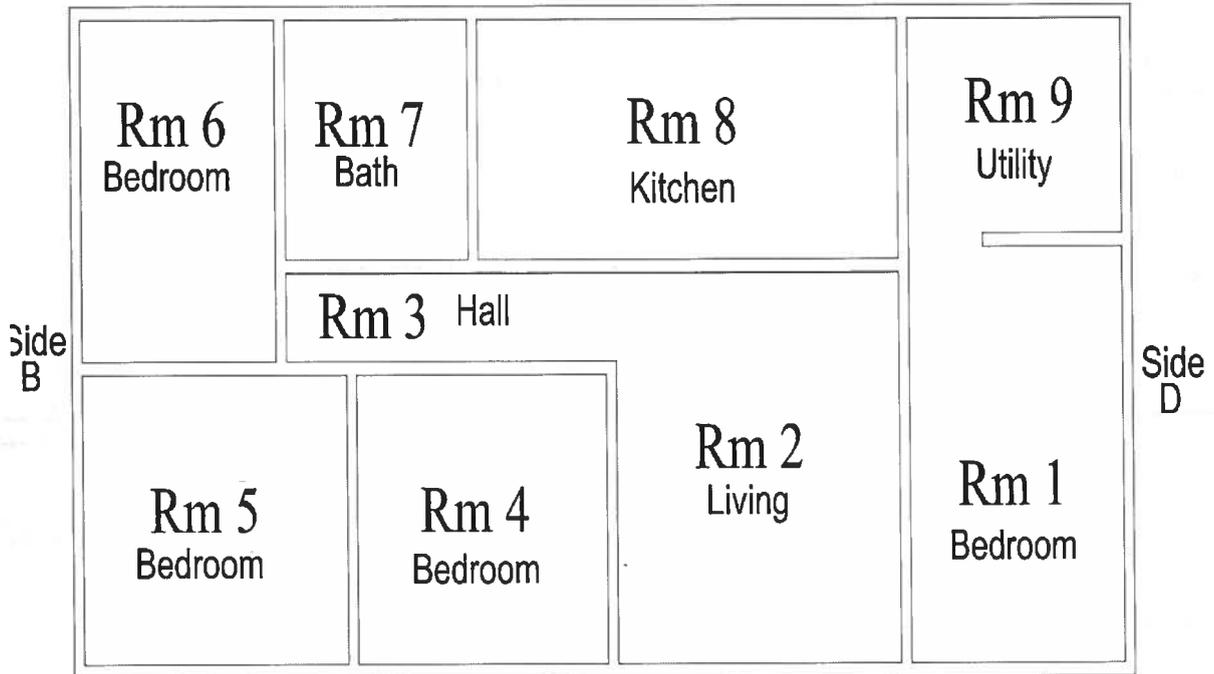
Project Address: 2613 GOMER AVE, COLO SPRGS
Date of Sampling: 2-24-15

Item #	Sample #	Description	Collection Location	Material Type	General Condition	Friable Y or N	Approximate Quantity
1	2613-01	WALL COMPOUND	Room 01 A WALL	SM	Good	Y	4000 SF
2	02		Room 02 B			Y	
3	03		↓ 04 C CEILING			Y	
4	04		Room 03 C			Y	
5	↓ 05		↓ 07 A WALL			Y	
6							
7							
8							
9							
10							

CM - Surface Material TSI = Thermal System Insulation Misc = Miscellaneous Material

Attachment B - Drawing, Lab Reports & Chain of Custody

Side C



Side A

2613 Gomer Ave, Colo Spgs

Not To Scale

**EMSL Analytical, Inc.**

1010 Yuma Street, Denver, CO 80204
 Phone/Fax: (303) 740-5700 / (303) 741-1400
<http://www.EMSL.com> denverlab@emsl.com

EMSL Order:	221501075
CustomerID:	BURN34
CustomerPO:	
ProjectID:	

Attn: John Burnside Burnside Enterprises 4030 Zurich Dr. Colorado Springs, CO 80920	Phone: (719) 596-4656 Fax: (719) 596-4656 Received: 02/26/15 12:10 PM Analysis Date: 2/26/2015 Collected:
Project: 2613 Gomer	

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
2613-01-Texture 221501075-0001	Wall compound	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
2613-01-Drywall Paper 221501075-0001A	Wall compound	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
2613-02-Texture 221501075-0002	Wall compound	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
2613-02-Tape 221501075-0002A	Wall compound	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
2613-03-Texture 221501075-0003	Wall compound	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
2613-03-Tape 221501075-0003A	Wall compound	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
2613-03-Joint Compound 221501075-0003B	Wall compound	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
2613-03-Drywall Paper 221501075-0003C	Wall compound	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

Analyst(s)

Brian Shelton (5)
Patricia Wood (8)

Barbara Shepherd, 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 EMSL Analytical, Inc. Denver, CO NVLAP Lab Code 200828-0

Initial report from 02/26/2015 18:10:17

**EMSL Analytical, Inc.**

1010 Yuma Street, Denver, CO 80204
 Phone/Fax: (303) 740-5700 / (303) 741-1400
<http://www.EMSL.com> denverlab@emsl.com

EMSL Order: 221501075
 CustomerID: BURN34
 CustomerPO:
 ProjectID:

Attn: **John Burnside**
Burnside Enterprises
4030 Zurich Dr.
Colorado Springs, CO 80920

Phone: (719) 596-4656
 Fax: (719) 596-4656
 Received: 02/26/15 12:10 PM
 Analysis Date: 2/26/2015
 Collected:

Project: 2613 Gomer

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
2613-04-Paint 221501075-0004	Wall compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2613-04-Texture 221501075-0004A	Wall compound	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
2613-05-Paint 221501075-0005	Wall compound	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2613-05-Texture 221501075-0005A	Wall compound	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
2613-05-Foam 221501075-0005B	Wall compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Brian Shelton (5)
 Patricia Wood (8)

Barbara Shepherd, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Denver, CO NVLAP Lab Code 200828-0

Initial report from 02/26/2015 18:10:17



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

221501075

EMSL ANALYTICAL INC.
 1010 YULIA ST.
 DENVER, CO 80204
 PHONE: (303)746-6700
 FAX: (303)741-1400

Company: Burnside Enterprises, LLC Street: 4030 Zurich Drive City: Colorado Springs State/Province: CO Report To (Name): John Burnside Telephone #: 719-339-5145		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i> Zip/Postal Code: 80920 Country: USA Fax #: 719-596-4656 Email Address: JBurnside59@gmail.com	
Project Name/Number: 2613 GOMER Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: CO	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hours <input type="checkbox"/> 6 Hours <input checked="" type="checkbox"/> 24 Hrs <input type="checkbox"/> 48 Hrs <input type="checkbox"/> 3 Days <input type="checkbox"/> 4 Days <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days			
<small>*For TEM Air 3 hours/6 hours, 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</small>			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA 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 - Air <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 - 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	
		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) 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"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
		Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: John Burnside		Samplers Signature: <i>John Burnside</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2613-01	WALL COMPOUND		2.24.15 15:00
↓ 02	↓		↓
↓ 03	↓		↓
↓ 04	↓		↓
↓ 05	↓		↓
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date: 2.25-15	Time: 15:00
Received (Lab): CA		Date: 2/24/15	Time: 5
Comments/Special Instructions:		12:10pm EMF 27956 1457 4402	

Attachment C - Certifications



Colorado Department
of Public Health
and Environment

**ASBESTOS
CERTIFICATION***

This certifies that

John Burnside

Certification No.: 21520

has met the requirements of 25-7-507, C.R.S. and Air Quality Control
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Building Inspector*

Issued: September 18, 2014

Expires: September 18, 2015

** This certificate is valid only with the possession of a
current Division-approved training course certification
in the discipline specified above.*


Authorized APCD Representative
SEAL



Colorado Department
of Public Health
and Environment

ASBESTOS CONSULTING FIRM

This certifies that

Burnside Enterprises, LLC

Registration No.: ACF - 21529

has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos consulting activities as required under Regulation No 8, Part B, in the state of Colorado.

Issued: September 18, 2014
Expires: September 18, 2015

A. Herbert
Authorized APCD Representative

SEAL