

# *Burnside Enterprises, LLC*

4030 Zurich Drive  
Colorado Springs, CO 80920

Phone: 719-596-4656  
Website: [www.LeadPaintColorado.com](http://www.LeadPaintColorado.com)  
Email: [JohnBurnside@LeadPaintColorado.com](mailto:JohnBurnside@LeadPaintColorado.com)

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## **LIMITED ASBESTOS BUILDING INSPECTION**

### **Prepared for :**

City of Colorado Springs  
Housing Development Division  
30 S Nevada Ave, Suite 604  
Colorado Springs, CO 80903

Lavon Denson  
821 E Las Animas St  
Colorado Springs, CO 80903

### **Property Address:**

821 E Las Animas St  
Colorado Springs, CO 80903

### **Inspection performed by:**

John Burnside  
Colorado Asbestos Building Inspector # 21520

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

Inspection performed on June 11, 2015

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## SECTION I. INTRODUCTION & SUMMARY

On June 11, 2015 Burnside Enterprises, LLC performed a limited asbestos building inspection on the single-family residence located at 821 E Las Animas St, Colorado Springs, CO 80903. 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 basement drywall and the ground floor bathroom drywall (Room 10) and no other areas were inspected. Burnside Enterprises, LLC used the scope provided by Deane Robertson with the City of Colorado Springs 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 E.

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

Sample No.	Description	Location	Friable/ Non-friable	% Asbestos	Amount of Material
BTX-01	Drywall Texture Basement	Rm 01 A Wall	Friable	ND 0%	950 sf
BTX-02	Drywall Texture Basement	Rm 06 C Wall	Friable	ND 0%	w/above
BTX-03	Drywall Texture Basement	Rm 03 C Wall	Friable	ND 0%	w/above
1SM-01	Joint Compound	Rm 10 Wall	Friable	ND 0%	200 sf
1SM-02	Joint Compound	Rm 10 Wall	Friable	ND 0%	w/above
1SM-03	Joint Compound	Rm 10 Wall	Friable	ND 0%	w/above
BSM-01	Joint Compound Basement	Rm 06 A Wall	Friable	2% CH	950 sf
BSM-02	Joint Compound Basement	Rm 03 C Wall	Friable	3% CH	w/above
BSM-03	Joint Compound Basement	Rm 01 B Wall	Friable	2% CH	w/above

CH – Chrysotile                      AM – Amosite Asbestos                      CR – Crocidolite                      ND – None Detected

For the purposes of this report, the following components should be considered to contain asbestos:

Basement drywall joint compound

The ground floor bathroom, Room 10, does not contain asbestos.

## SECTION II BUILDING INVENTORY

The property located at 821 E Las Animas St, Colorado Springs, CO 80903 is approximately 848 SF and constructed in 1947. 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 basement drywall and the ground floor bathroom drywall. A sketch of the building floor plan is included in Attachment B.

## 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 9 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 June 11, 2015 and sent to an accredited lab for ACM analysis.

#### **IV QUANTITIES OF ASBESTOS CONTAINING MATERIAL TO BE DISTURBED**

Prior to any renovation or demolition which may disturb greater than the **trigger levels** of material identified as a suspect asbestos-containing material pursuant to the EPA "Green Book", Managing Asbestos in Place, Appendix G (1990), the facility component(s) to be affected by the renovation or demolition shall be inspected to determine if abatement is required.

**Trigger levels** means amounts of material as follows:

1. With regard to single-family residential dwellings, the trigger levels are 50 linear feet on pipes, 32 square feet on other surfaces, or the volume equivalent of a 55-gallon drum.
2. With regard to all areas other than single-family residential dwellings, the trigger levels are 260 linear feet on pipes, 160 square feet on other surfaces, or the volume equivalent of a 55-gallon drum.

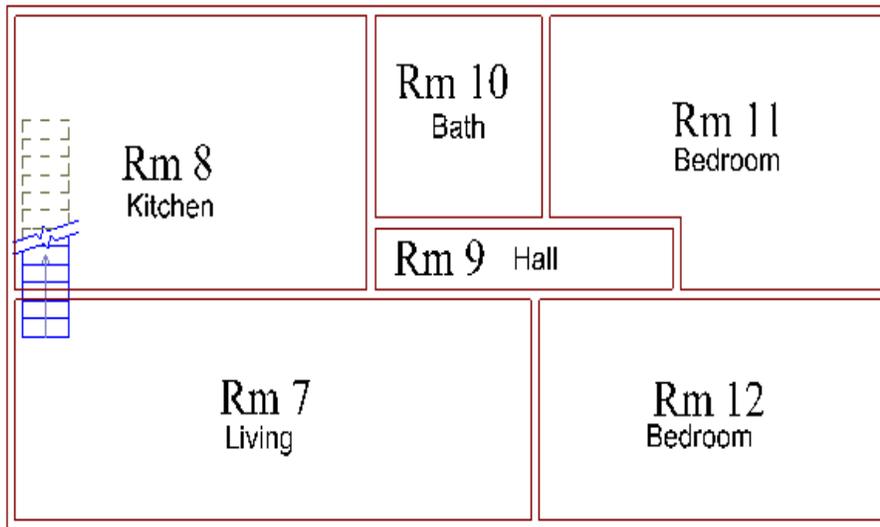
## Attachment A - Bulk Sample Log

Project Address: B21 E LAS ANIMAS, COLO SPGS  
Date of Sampling: 6-11-15

Item #	Sample #	Description	Collection Location	Material Type	General Condition	Friable Y or N	Approximate Quantity
1	BTX-01	DRYWALL TEXTURE	RM01 A WALL	SM	GOOD	F	950 SF
2	BTX-02		RM06 C WALL				"
3	BTX-03		RM03 C WALL				"
4	1SM01	JOINT COMPOUND	RM 10 WALL				200 SF
5	1SM02						"
6	1SM-03						"
7	B5M01	JOINT COMPOUND	RM06 A WALL				950 SF
8	B5M02		RM03 C WALL				"
9	B5M03		RM 01 B WALL				"
10							

**Attachment B - Sketch**

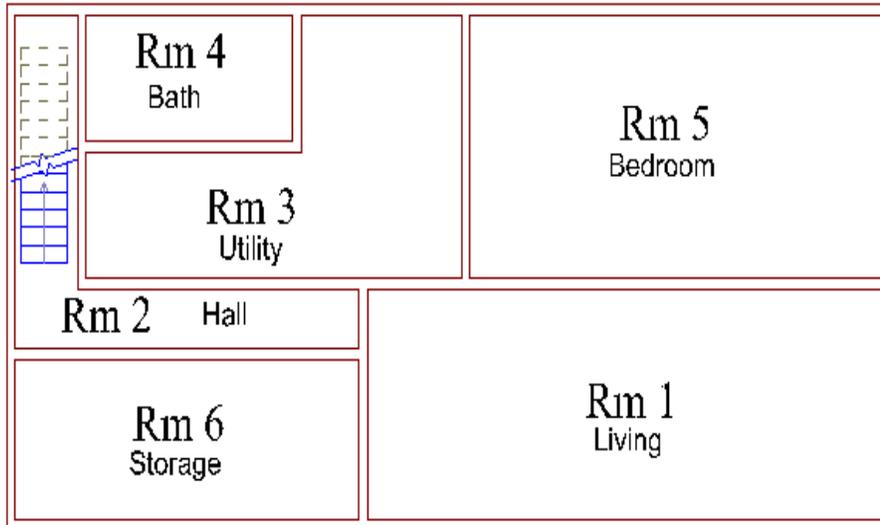
Side C



Ground Level

Side B

Side D



Basement Level

Side A

821 E Las Animsa, Colo Spgs

Not To Scale

**Attachment C - Lab Reports & Chain of Custody**

**EMSL Analytical, Inc.**

1010 Yuma Street, Denver, CO 80204

Phone/Fax: (303) 740-5700 / (303) 741-1400

<http://www.EMSL.com>[denverlab@emsl.com](mailto:denverlab@emsl.com)

EMSL Order:	221503394
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: 06/15/15 9:45 AM  
 Analysis Date: 6/15/2015  
 Collected: 6/11/2015

Project: 821 E Las Animas, Colo Spgs

## 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
BTX01 221503394-0001	Drywall Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 01		
BTX02 221503394-0002	Drywall Texture	Gray/Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 01		
BTX03 221503394-0003	Drywall Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 01		
ISM01 221503394-0004	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 02		
ISM02 221503394-0005	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 02		
ISM03 221503394-0006	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			HA: 02		
BSM01-Texture 221503394-0007	Joint Compound	Gray/White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
			HA: 03		

Analyst(s)  
 Donna Nading (5)  
 William Nguyen (8)

*Barbara Shepherd*  
 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 06/15/2015 17:30:59

**EMSL Analytical, Inc.**

1010 Yuma Street, Denver, CO 80204

Phone/Fax: (303) 740-5700 / (303) 741-1400

<http://www.EMSL.com>[denverlab@emsl.com](mailto:denverlab@emsl.com)

EMSL Order: 221503394

CustomerID: BURN34

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Attn: **John Burnside**  
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**4030 Zurich Dr.**  
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 Received: 06/15/15 9:45 AM  
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Project: 821 E Las Animas, Colo Spgs

## 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
BSM01-Drywall 221503394-0007A	Joint Compound	Brown/Gray Fibrous Homogeneous	25% Cellulose	50% Gypsum 25% Non-fibrous (other)	None Detected
			HA: 03		
BSM02-Texture 221503394-0008	Joint Compound	Gray/Tan/White Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
			HA: 03		
BSM02-Drywall 221503394-0008A	Joint Compound	Brown/Gray/White Fibrous Homogeneous	20% Cellulose	50% Gypsum 30% Non-fibrous (other)	None Detected
			HA: 03		
BSM03-Texture 221503394-0009	Joint Compound	Beige Non-Fibrous Homogeneous		20% Ca Carbonate 78% Non-fibrous (other)	2% Chrysotile
			HA: 03		
BSM03-Tape 221503394-0009A	Joint Compound	White Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
			HA: 03		
BSM03-Joint Compound 221503394-0009B	Joint Compound	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
			HA: 03		

Analyst(s)

Donna Nading (5)

William Nguyen (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 06/15/2015 17:30:59



# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

221503394

<b>Company:</b> Burnside Enterprises, LLC		<b>EMSL-Bill to:</b> <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>(* Bill to a Different note instructions in Comments)</small>	
<b>Street:</b> 4030 Zurich Drive		<small>Third Party Billing requires written authorization from third party</small>	
<b>City:</b> Colorado Springs	<b>State/Province:</b> CO	<b>Zip/Postal Code:</b> 80920	<b>Country:</b> USA
<b>Report To (Name):</b> John Burnside		<b>Fax #:</b> 719-596-4656	
<b>Telephone #:</b> 719-339-5145		<b>Email Address:</b> JBurnside59@gmail.com	
<b>Project Name/Number:</b> BZLE LAS ANIMAS, COCO SPRG			
<b>Please Provide Results:</b> <input type="checkbox"/> Fax <input type="checkbox"/> Email <input type="checkbox"/> Purchase Order		<b>U.S. State Samples Taken:</b> CO	

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

3 Hours  
  6 Hours  
  24 Hrs  
  48 Hrs  
  3 Days  
  4 Days  
  5 Days  
  10 Days

\*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.

<b>PCM - Air</b> <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"/> 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"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) <b>Other:</b> <input type="checkbox"/>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Check For Positive Stop - Clearly Identify Homogenous Group

<b>Samplers Name:</b> John Burnside	<b>Samplers Signature:</b> <i>John Burnside</i>
-------------------------------------	-------------------------------------------------

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
BTX01	DRYWALL TEXTURE	HA-01	6-11-15 16:00
BTX02	↓	↓	↓
BTX03	↓	↓	↓
15M01	JOINT COMPOUND	HA-02	↓
15M02	↓	↓	↓
15M03	↓	↓	↓
B5M01	JOINT COMPOUND	HA-03	↓
B5M02	↓	↓	↓

<b>Client Sample # (s):</b>	<b>Total # of Samples:</b> 9
<b>Relinquished (Client):</b> JOHN BURNSIDE Date: 6-12-15	Time: Noon
<b>Received (Lab):</b> ED Date: 6/15/15	Time: 9:45am
<b>Comments/Special Instructions:</b> FE Ground	



**Attachment D - Certifications**



Colorado Department  
of Public Health  
and Environment

**ASBESTOS  
CERTIFICATION\***

This certifies that

**John Burnside**

**Certification No.: 21520**

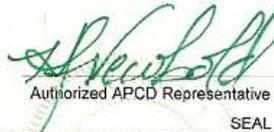
has met the requirements of 25-7-507, C.R.S. and Air Quality Control  
Commission Regulation No. 8, Part B, and is hereby certified by the  
state of Colorado in the following discipline:

**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

  
Authorized APCD Representative

SEAL