

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

Vicki Chase
2335 Sweet Water Ct
Colorado Springs, CO 80919

Property Address:

2335 Sweet Water Ct
Colorado Springs, CO 80919

Inspection performed by:

John Burnside
Colorado Asbestos Building Inspector # 21520

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

Inspection performed on March 3, 2015

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SECTION I. INTRODUCTION & SUMMARY

On March 3, 2015 Burnside Enterprises, LLC performed a limited asbestos building inspection on the single-family residence located at 2335 Sweet Water Ct, Colorado Springs, CO 80919. 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 of the home in the areas outlined in the following "Scope of Work" No other areas were inspected. Burnside Enterprises, LLC met with Vicki Chase to develop a sampling scheme that would include any possible ACM materials in the area disturbed in the planned renovation.

Scope of Work

Exterior

- Window Replacement
- Siding Repair
- Paint

Interior

- Flooring throughout, except kitchen. At lower level vinyl to remain, overlaying with glueless vinyl plank flooring.
- Kitchen - replacement of base cabinets, countertops, dishwasher, and sink
- Stair railing replacement
- Lower bathroom – replacing vanity cabinet/sink
- Master bathroom – replacing tub, flooring, cabinets
- Upstairs bathroom - replacing shower pan and door, first 2' of tile , flooring, vanity sink and cabinet
- Misc. drywall and door trim repair throughout house

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
SW-01	Wall Compound	Lower living room	Friable	Fair	4000 sf
SW-02	Wall Compound	Ground living room	Friable	Fair	
SW-03	Wall Compound	Upper hallway	Friable	Fair	
SW-04	Wall Compound	Upper hall bath	Friable	Fair	
SW-05	Wall Compound	Master bath	Friable	Fair	
SW-06	Ceiling Texture	Lower living room	Friable	Poor	400 sf
SW-07	Ceiling Texture	Dining area	Friable	Fair	
SW-08	Ceiling Texture	Upper hallway	Friable	Fair	

CH – Chrysotile

AM – Amosite Asbestos

CR – Crocidolite

ND – None Detected

SECTION II BUILDING INVENTORY

The property located at 2335 Sweet Water Ct, Colorado Springs, CO 80919 is approximately 1310 SF and constructed in 1983. 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 areas to be impacted by renovation activities listed in the scope of work.

The exterior siding was wood as was the exterior trim. The interior flooring to be impacted was not suspected to contain asbestos. The existing vinyl flooring was not to be disturbed but have vinyl flooring laid over it.

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 8 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 March 3, 2015 and sent to an accredited lab for ACM analysis.

Attachment A - Bulk Sample Log

Burnside Enterprises, LLC
Bulk Sample Inventory

Project Address: 2335 SWEET WATER CT, COLO SPRGS
Date of Sampling: 3/3/15

Item #	Sample #	Description	Collection Location	Material Type	General Condition	Friable Y or N	Approximate Quantity
1	SW-01	WALL COMPOUND	Lower LR	SM	FAIR	Y	4000 SF
2	02		GROUND LR		FAIR		
3	03		UPPER HALL		FAIR		
4	04		UPPER HALL BATH		FAIR		
5	05		MASTER BATH		FAIR		
6	06	CEILING TEXTURE	Lower LR		POOR		400 SF
7	07		DINING		GOOD		
8	08		UPPER HALL		GOOD		
9							
10							

Attachment B - Sketch
No drawing required.

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

EMSL Order:	221501185
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: 03/04/15 12:15 PM Analysis Date: 3/5/2015 Collected:
Project: 2335 Sweet Water Ct.	

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
SW-01-Paint 221501185-0001	Wall compiund	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
SW-01-Texture 221501185-0001A	Wall compiund	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
SW-02-Paint 221501185-0002	Wall compiund	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
SW-02-Texture 221501185-0002A	Wall compiund	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
SW-03-Paint 221501185-0003	Wall compiund	Orange Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
SW-03-Texture 221501185-0003A	Wall compiund	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
SW-03-Drywall 221501185-0003B	Wall compiund	Brown/White Fibrous Homogeneous	15% Cellulose	65% Gypsum 20% Non-fibrous (other)	None Detected
SW-04-Paint 221501185-0004	Wall compiund	Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)
Brian Shelton (17)

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 03/05/2015 12:08:02

**EMSL Analytical, Inc.**

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 Collected:

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
SW-04-Texture 221501185-0004A	Wall compiund	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
SW-05-Paint 221501185-0005	Wall compiund	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
SW-05-Texture 221501185-0005A	Wall compiund	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
SW-06-Paint 221501185-0006	Ceiling texture	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
SW-06-Texture 221501185-0006A	Ceiling texture	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
SW-07-Paint 221501185-0007	Ceiling texture	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
SW-07-Texture 221501185-0007A	Ceiling texture	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
SW-08-Paint 221501185-0008	Ceiling texture	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)
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 or other approved signatory

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Fax: (719) 596-4656
Received: 03/04/15 12:15 PM
Analysis Date: 3/5/2015
Collected:

Project: 2335 Sweet Water Ct.

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
SW-08-Texture 221501185-0008A	Ceiling texture	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected

Analyst(s)
Brian Shelton (17)

Barbara Shepherd
Barbara Shepherd, Laboratory Manager
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Initial report from 03/05/2015 12:08:02



EMSL ANALYTICAL, INC.
6000 W. 10TH AVENUE, SUITE 100
DENVER, CO 80204

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

221501185

EMSL ANALYTICAL, INC.
1010 YUMA ST.
DENVER, CO 80204
PHONE: (303)740-5700
FAX: (303)741-1400

Company: Burnside Enterprises, LLC		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 4030 Zurich Drive		Third Party Billing requires written authorization from third party	
City: Colorado Springs	State/Province: CO	Zip/Postal Code: 80920	Country: USA
Report To (Name): John Burnside		Fax #: 719-596-4656	
Telephone #: 719-339-5145		Email Address: JBurnside59@gmail.com	
Project Name/Number: 2335 SWEET WATER CT			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: _____ U.S. State Samples Taken: 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

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"/>
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Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: **John Burnside** Samplers Signature: *John Burnside*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
SW-01	WALL COMPOUND		3.3.15 16:30
SW-02	↓		↓
SW-03			
SW-04			
SW-05			
SW-06		CEILING TEXTURE	
SW-07	↓		↓
SW-08			

Client Sample # (s): _____ Total # of Samples: **9**

Relinquished (Client): **JOHN BURNSIDE** Date: **3.3.15** Time: **17:00**

Received (Lab): **WJ** Date: **3.4.15** Time: **12:15PM MT**

Comments/Special Instructions: **EM FE 7950 1614 2810**

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