



**ADVANTAGE**  
Environmental INC.

LIMITED ASBESTOS  
BUILDING MATERIAL SURVEY  
&  
LIMITED LEAD BASED PAINT  
SAMPLING REPORT

Conducted at:  
Woodburn Historical Museum  
455 & 469 N Front St  
Woodburn, OR 97071

Conducted for:  
City of Woodburn  
190 Garfield St  
Woodburn, OR 97071

Prepared By:  
Advantage Environmental Inc.  
9317 NE Hwy 99, Suite A  
Vancouver, WA 98665



Clean your world.

December 11, 2017

City of Woodburn  
Pete Gaither – Project Engineer  
190 Garfield St  
Woodburn, OR 97071  
503-980-2429  
971-563-3840  
Pete.Gauthier@ci.woodburn.or.us

RE: Limited asbestos building material survey & limited lead based paint sampling:  
Woodburn Historical Museum – 455 & 469 N Front St-Woodburn, OR

Dear Mr. Gaither,

Per your request, Advantage Environmental, Inc. (AEI) has conducted a limited asbestos building material survey & limited lead based paint sampling of the structure located at 455 & 469 N Front St in Woodburn, OR. The results of the survey are provided in the accompanying report.

Thank you for choosing AEI for this project. Please feel free to contact us at (360) 356-7628 if you have any questions.

Respectfully,  
Advantage Environmental, Inc.

Pete Coleman  
Office Manager

## **1. INTRODUCTION**

Advantage Environmental, Inc. was retained by The City of Woodburn to perform a limited asbestos building material survey & limited lead based paint sampling of with the Woodburn Historical Museum located at 455 & 469 N Front St in Woodburn, OR. The on-site inspection was performed by EPA/AHERA accredited building inspector Eric Neal on December 1, 2017.

## **2. BUILDING DESCRIPTION**

The structure is a commercial museum currently owned by The City of Woodburn and occupied as the Woodburn Historical Museum. Interior walls and ceilings consisted of gypsum wallboard with texture. Flooring was comprised of concrete with vinyl tile or sheet flooring throughout. The building is on a concrete foundation.

## **3. PURPOSE AND SCOPE**

The purpose of this survey was to identify the location of asbestos containing materials and lead based paints prior to renovation and disposal of building materials within the structure. The scope of work included a walk-through inspection, bulk sampling and analysis of specific suspect asbestos/lead containing materials with a written report documenting the results of the survey. This survey was limited to the materials identified within appendix A.

This is not a bidding document and all quantities of asbestos containing material should be verified by the abatement contractor prior to submitting their bid.

## **4. VISUAL ASSEMENT AND FINDINGS**

Our survey activities began with visual observation of the interior of the structure to identify homogeneous areas of suspect asbestos containing materials. Interior assessments were conducted throughout visually accessible areas of the building.

Building materials identified as concrete, glass, wood, masonry, metal or rubber were not considered suspect asbestos containing material.

Unidentified asbestos-containing materials may be in place behind walls, ceilings, under floors, beneath carpeted areas, areas thought not to be deemed necessary at the time of inspection and in other inaccessible areas.

A table indicating sample numbers, material description, material location, material condition and asbestos content of each material sampled is included in Appendix A. Laboratory analytical results and chain of custody documentation are included in Appendix B. AHERA Building inspector credentials are included in Appendix C.

Additional asbestos-containing material may be in place behind/beneath floors, wall ceiling, debris or in areas deemed unnecessary at the time of inspection by the property owner/representative.

Suspect asbestos-containing building material sampled and analyzed included:

- White joint compound
- White drywall
- Tan skim coat
- White plaster
- Gray plaster
- Red plaster
- Light gray skim coat
- White skim coat
- Tan plaster
- White popcorn ceiling texture
- White/tan 15"x30" ceiling tile
- Brown 15"x30" ceiling tile
- Brown glue dot mastic
- Orange/red brick
- Gray mortar
- Turquoise/blue ceramic tile
- Tan grout
- Gray leveling compound
- Tan 9" vinyl floor tile
- Black floor mastic
- Brown 9" vinyl floor tile
- Yellow floor mastic
- Blue/off-white floor vinyl
- Black/yellow floor mastic
- Tan vinyl floor tile
- Wood-look/tan floor vinyl

The following material contains less than 1% asbestos content when analyzed as composite. See discussion and recommendations for further information.

Material Type	Material Location
**Drywall/joint compound	#469 Presumed throughout the entirety of the structure

*\*\*Due to high risk of personnel and/or environmental exposure/contamination; regulatory agencies advise use of licenses asbestos abatement contractor for removal of <1% asbestos containing material. Material containing less than 1% asbestos content are not quantified.*

Of the suspect asbestos-containing materials sampled, laboratory analysis indicated the following material contained asbestos content of 1% or greater. These materials will need to be removed prior to disturbance, construction or demolition activities that may impact these materials.

Material Type	Sample Location	Approximate Quantity**	Friable Yes / No
White popcorn ceiling texture	#469 Theater, #469 Theater Projection Room & #469 Front Room	~1,600 sq. ft.	Yes
Tan 9" vinyl floor tile & black floor mastic, Brown 9" vinyl floor tile & black floor mastic	#469 Furnace Room top and sublayer flooring	~150 sq. ft.	No
Brown 9" vinyl floor tile & black floor mastic	#469 Furnace Room top and sublayer flooring	~150 sq. ft.	No

Material Type	Sample Location	Approximate Quantity**	Friable Yes / No
Black/yellow floor mastic, Tan vinyl floor tile & black floor mastic	#469 Front Room corner, advised by City of Woodburn Project Engineer that these materials are throughout most of the space.	~1,700 sq. ft.	No

**Note:** A diligent inspection was conducted and every effort was made to inspect and investigate all areas of the aforementioned building(s). However, unidentified asbestos-containing material may still be in place behind walls, under floors, cabinets, above ceilings, etc., and/or in other areas of the structure inspected that were inaccessible/not included at the time of this survey.

\*\*Quantities based on visual observations at time of inspection, additional quantities may be in concealed areas. All quantities should be verified prior to removal.

Limited sampling for lead-based paint was also conducted as part of this survey. Sample results with a “less than” (<) sign indicate the sample results were below the laboratories reporting limit. See laboratory results for more information. Painted surfaces that were sampled are listed below with their corresponding analytical result.

Sample – Color	Paint Location	Results (PPM) Parts Per Million
Pb-1-Black	#455 Exterior-trim	107
Pb-2-White	#455 Exterior-trim	<49.6
Pb-3-Red	#455 Exterior-door	164
Pb-4-Blue	#469 Interior-wall	115
Pb-5-White	#469 Interior-trim	<52.7
Pb-6-Pale-Green	#469 Interior-Restroom wall & trim	<49.8

Most of the observed suspect lead-based paint is in generally fair condition. Care should be exercised while disturbing the lead-based paint by trained personnel. Paint may be located in other areas of the buildings in addition to the specific areas observed. Interior finishing had appeared to be newer. Loose failing paint may be required to be removed prior to disturbance.

## 5. SAMPLING METHODOLOGY

### Asbestos

A walk-through of the structure was conducted by an EPA/AHERA accredited building inspector to identify the location of suspect asbestos-containing materials. The location, approximate quantities and condition of each material was recorded onto field data sheets. Bulk samples of each suspect material were then collected and submitted to the laboratory under chain of custody documentation for analysis of asbestos content.

Samples were collected from selected homogeneous material in order to evaluate the presence or absence of asbestos in each material. Determination of homogeneous material included material type, texture, pattern, color, and size. A total of 48 suspect asbestos-containing material samples were analyzed including sub-layers.

All samples collected by AEI were placed into pre-labeled airtight containers and shipped to Quantem Laboratories for analysis of asbestos content. Quantem Laboratories analyzed the samples using Polarized Light Microscopy (PLM) with dispersion staining to identify asbestos constituents as required by EPA regulation 40 CFR, Part 763.

## **Lead**

Sampling for lead-based paint was limited and an attempt was made to address each of the primary paint colors observed during the inspection. Paint was sampled from surfaces considered by the inspector to be most likely to contain lead-based paint. Collected samples were placed into pre-labeled airtight containers and shipped to Quantem Laboratories located in Oklahoma City, Oklahoma for analysis of lead content. Lead sampling not to meet HUD or Oregon Health Authority Guidelines.

## **6. DISCUSSION & RECOMMENDATIONS**

Asbestos-containing material must be removed by a licensed asbestos abatement contractor prior to any renovation, demolition or repair work that will impact those material.

Any material encountered that are not specifically mentioned in this report should be considered asbestos containing until sufficient sampling has been completed to determine that these materials are non-asbestos containing.

The Occupational Safety and Health Administration (OSHA) classify the removal or disturbance of asbestos containing material as Class I and Class II asbestos abatement projects. The removal of asbestos containing material requires the use of appropriate engineering controls, by a contractor licensed by the State of Oregon. The work methods utilized must include the use of wet methods, negative pressure enclosure, and decontamination facility.

OSHA regulations (29 CFR 1926.1001) states that if asbestos containing material, containing <1% asbestos are to be removed by construction personnel, the employer shall provide awareness training, a written respirator protection program, respirators and a negative exposure assessment.

*Additionally, OSHA regulations (29 CFR 1926.1101) require employers to meet standards regarding personal protection, labeling, signs, daily air monitoring, use of engineering controls, notification, and respiratory protection for all activities related to the removal or disturbance of asbestos containing building material.*

*\*\*EPA recommends that bulk material found negative for asbestos or less than one percent asbestos by polarized light microscopy be reanalyzed by and additional method such as transmission electron microscopy.*

Lead-based paint that is in good condition does not necessarily pose a health risk to building occupants. However, if lead-based paint will be disturbed by demolition activities, care must be taken to avoid possible lead exposure to workers or building occupant during the demolition. Employers of workers who may be exposed to lead in the course of their work are required to demonstrate that their employees are not being exposed to lead above the Permissible Exposure Limit (PEL) established by OSHA.

According to the Department of Environmental Quality (DEQ) Policy 1997-PO-002A building demolition debris that may contain lead-based paint can be disposed of at a permitted solid waste landfill which meets current municipal solid waste disposal facility standards per 40 CFR 258 provided other hazardous material have been removed.

## **7. WARRANTY**

Advantage Environmental Inc. warrants that this report has been prepared in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. No other warranties are implied or expressed.

APPENDIX A  
Material Summary Table



**455 & 469 N Front St-Woodburn, OR**

**Material Summary Table**

Sample Number	Material Description	Sample Location	Condition if applicable	Asbestos Content
**1A	White joint compound	#469 Projection Room		3% Chrysotile
	White drywall	#469 Projection Room		Asbestos Not Present
	Drywall/joint compound composite	#469 Projection Room		<1% Chrysotile
**1B	White joint compound	#469 Restroom		3% Chrysotile
	White drywall	#469 Restroom		Asbestos Not Present
	Drywall/joint compound composite	#469 Restroom		<1% Chrysotile
**1C	White joint compound	#469 Theater back wall		3% Chrysotile
	White drywall	#469 Theater back wall		Asbestos Not Present
	Drywall/joint compound composite	#469 Theater back wall		<1% Chrysotile
2A	Tan skim coat	#469 Partition wall with #455-in Projection Room		Asbestos Not Present
	White plaster	#469 Partition wall with #455-in Projection Room		Asbestos Not Present
	Gray plaster	#469 Partition wall with #455-in Projection Room		Asbestos Not Present
	Red plaster	#469 Partition wall with #455-in Projection Room		Asbestos Not Present
2B	Light gray skim coat	#455 Rear original wall		Asbestos Not Present
	Gray plaster	#455 Rear original wall		Asbestos Not Present
2C	White skim coat	#455 Partition wall with #469		Asbestos Not Present
	Gray plaster	#455 Partition wall with #469		Asbestos Not Present
2D	White skim coat	#469 Partition wall with #455		Asbestos Not Present
	Tan plaster	#469 Partition wall with #455		Asbestos Not Present
2E	White skim coat	#469 Partition wall below stage		Asbestos Not Present
	Tan plaster	#469 Partition wall below stage		Asbestos Not Present
3A	White popcorn ceiling texture	#469 Theater	Good	3% Chrysotile
3B	White popcorn ceiling texture	#469 Projection Room	Good	3% Chrysotile
3C	White popcorn ceiling texture	#469 Front Room	Good	3% Chrysotile
4A	White/tan 15"x30" ceiling tile	#469 Theater		Asbestos Not Present
4B	White ceiling texture	#469 Theater		Asbestos Not Present
	Brown 15"x30" ceiling tile	#469 Theater-above ceiling texture		Asbestos Not Present
5A	Brown glue dot mastic	#469 Theater		Asbestos Not Present
5B	Brown glue dot mastic	#469 Theater		Asbestos Not Present
5C	Brown glue dot mastic	#469 Theater		Asbestos Not Present

Sample Number	Material Description	Sample Location	Condition if applicable	Asbestos Content
6	Orange/red brick Gray mortar	#469 Partition wall #469 Partition wall-below/beside & above brick		Asbestos Not Present Asbestos Not Present
7	Turquoise/blue ceramic tile Tan grout Gray leveling compound	#455 Front exterior below windows #455 Front exterior below windows-behind tile #455 Front exterior below windows-behind grout		Asbestos Not Present Asbestos Not Present Asbestos Not Present
8	<b>Tan 9" vinyl floor tile</b> <b>Black floor mastic</b>	<b>#469 Furnace Room</b> <b>#469 Furnace Room-below floor tile</b>	<b>Good</b> <b>Good</b>	<b>8% Chrysotile</b> <b>4% Chrysotile</b>
9	<b>Brown 9" vinyl floor tile</b> <b>Black floor mastic</b>	<b>#469 Furnace Room</b> <b>#469 Furnace Room-below floor tile</b>	<b>Good</b> <b>Good</b>	<b>6% Chrysotile</b> <b>4% Chrysotile</b>
10	<b>Yellow floor mastic</b> <b>Brown 9" vinyl floor tile</b> <b>Black floor mastic</b>	<b>#469 Front Room &amp; Hallway-below carpet</b> <b>#469 Front Room &amp; Hallway-2<sup>nd</sup> layer flooring</b> <b>#469 Front Room &amp; Hallway-below 2<sup>nd</sup> layer flooring</b>	<b>Good</b> <b>Good</b> <b>Good</b>	<b>&lt;1% Chrysotile</b> <b>6% Chrysotile</b> <b>4% Chrysotile</b>
11	Blue/off-white floor vinyl <b>Black/yellow floor mastic</b> Tan vinyl floor tile <b>Black floor mastic</b>	#469 Corner of Front Room <b>#469 Corner of Front Room-below floor vinyl</b> <b>#469 Corner of Front Room-2<sup>nd</sup> layer flooring</b> <b>#469 Corner of Front Room-below 2<sup>nd</sup> layer flooring</b>	<b>Good</b> <b>Good</b> <b>Good</b>	Asbestos Not Present <b>3% Chrysotile</b> <b>8% Chrysotile</b> <b>3% Chrysotile</b>
12	Wood-look/tan floor vinyl Yellow floor mastic	#469 Restroom & Kitchenette #469 Restroom & Kitchenette-below floor vinyl		Asbestos Not Present Asbestos Not Present

\*\*This material is Less than 1% asbestos containing when analyzed as a drywall system-(drywall and joint compound).

APPENDIX B  
Laboratory Analytical Results  
Chain of Custody



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 288223	Client: Advantage Environmental, Inc.
Account Number: B513	P.O. Box 1026
	Camas, WA 98607
Date Received: 12/04/2017	
Received By: Karen Braley	
Date Analyzed: 12/05/2017	Project: 455/469 N. Front St
Analyzed By: Cristal Veech	Project Location: Woodburn, OR
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1A	Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
001a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
001b		Layered	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <1	Cellulose 10	CaCO3 Gypsum Paint
002	1B	Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
002a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
002b		Layered	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <1	Cellulose 10	CaCO3 Gypsum Paint

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Analyzed By: Cristal Veech	Project Location: Woodburn, OR
Methodology: EPA/600/R-93/116	Project Number: N/A

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
003	1C	Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
003a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
003b		Layered	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <1	Cellulose 10	CaCO3 Gypsum Paint
004	2A	Layered	Tan Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
004a		Layered	White Plaster	Asbestos Not Present	Cellulose 3	Gypsum Perlite
004b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3 Gypsum

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
004c		Layered	Red Plaster	Asbestos Not Present	NA	Sand Clay
005	2B	Layered	Light Gray Skim Coat	Asbestos Not Present	NA	Sand CaCO3 Gypsum
005a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum CaCO3
006	2C	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Paint
006a		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3 Gypsum
007	2D	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint

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Methodology: EPA/600/R-93/116	Project Number: N/A

QuantEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum Perlite
008	2E	Layered	White Skim Coat	Asbestos Not Present	NA	Sand Gypsum Paint
008a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum Perlite
009	3A	Homogeneous	White Ceiling Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Mica Paint
010	3B	Homogeneous	White Ceiling Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Mica Paint
011	3C	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint

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Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
012	4A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
013	4B	Layered	White Ceiling Texture	Asbestos Not Present	NA	Gypsum CaCO3
013a		Layered	Brown Ceiling Tile	Asbestos Not Present	Cellulose 100	
014	5A	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
015	5B	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
016	5C	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
017	6	Layered	Red Brick	Asbestos Not Present	NA	Sand Clay

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017a		Layered	Gray Mortar	Asbestos Not Present	NA	Sand CaCO3
018	7	Layered	Blue Ceramic Tile	Asbestos Not Present	NA	Clay
018a		Layered	Tan Grout	Asbestos Not Present	NA	Sand Clay
018b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	Sand Gypsum
019	8	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
019a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar

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Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
020	9	Layered	Brown Floor Tile	Asbestos Present Chrysotile 6	NA	Vinyl CaCO3
020a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
021	10	Layered	Yellow Mastic	Asbestos Present Chrysotile <1	NA	Glue
021a		Layered	Brown Floor Tile	Asbestos Present Chrysotile 6	NA	Vinyl CaCO3
021b		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
022	11	Layered	White Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
022a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 3	NA	Tar Glue

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022b		Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	Vinyl CaCO3
022c		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
023	12	Layered	Tan Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
023a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

*Cristal Veech*

Cristal Veech, Analyst

12/5/2017

Date of Report

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# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

For Lab Use Only	
Lab No. <u>288223</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information	
Company: Advantage Environmental, Inc	Phone: (503) 709-0879	Project Name: <u>455/469 N. FRONT ST.</u>	Report Results ( <input checked="" type="checkbox"/> one box)
Contact: Todd haley	Cell Phone: (503) 522-1369	Project Location: <u>WOODBARN, OR.</u>	<input checked="" type="checkbox"/> QuantEM Website
Account #: B-513	E-mail:	Project ID:	<input type="checkbox"/> Other _____
SAMPLED BY: Name: <u>ERIC NEAL</u>	Date: <u>12-1-17</u>	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>ERIC NEAL</u>	<u>12-1-17</u>	<u>FED EX</u>	<u>K. Bailey</u>	<u>12-4-17 10:30</u>

### REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input checked="" type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	<b>PCM</b>	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	<u>1A</u>	<input checked="" type="checkbox"/>	<u>OFFWHITE</u>	<u>DRYWALL/JOINT COMPOUND</u>		<u>PROJECTION ROOM 469</u>
2	<u>1B</u>	<input checked="" type="checkbox"/>	<u>GREEN OFFWHITE</u>	<u>u</u>		<u>R.R. 469</u>
3	<u>1C</u>	<input checked="" type="checkbox"/>	<u>BLUE</u>	<u>u</u>		<u>BACKWALL, THEATOR 469</u>
4	<u>2A</u>	<input checked="" type="checkbox"/>	<u>GREY/WHITE</u>	<u>PLASTER + BRICK + MORTAR</u>		<u>PARTITION WALL - MEET. ROOM</u>
5	<u>2B</u>	<input checked="" type="checkbox"/>	<u>u</u>	<u>PLASTER + <del>BRICK</del> MORTAR / OR MORTAR</u>		<u><del>PARTITION WALL PROJECTION ROOM</del></u>
6	<u>2C</u>	<input checked="" type="checkbox"/>	<u>u</u>	<u><del>PARTITION WALL</del></u>		<u>PARTITION WALL 455 SIDE</u>
7	<u>2D</u>	<input checked="" type="checkbox"/>	<u>u</u>	<u>PLASTER</u>		<u>u 469 SIDE</u>
8	<u>2E</u>	<input checked="" type="checkbox"/>	<u>u</u>	<u>u</u>		<u>u UNDER STAGE</u>
9	<u>3A</u>	<input checked="" type="checkbox"/>	<u>WHITE</u>	<u>CEILING TEXTURE - POPCORN - 4 6 1/2' x 20'</u>		<u>THEATOR 469</u>
10	<u>3B</u>	<input checked="" type="checkbox"/>	<u>u</u>	<u>u 2' 10" x 10"</u>		<u>PROJ. ROOM 469</u>





# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

For Lab Use Only	
Lab No. <u>288223</u>	
<input checked="" type="radio"/> Accept	<input type="radio"/> Reject

**LEGAL DOCUMENT - PLEASE PRINT LEGIBLY**

Project Information		
Company: <b>Advantage Environmental</b>	Project Name: <u>455/469 N FRONT ST.</u>	Project Location: <u>WOODBURN, OR</u>

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	<u>3C</u>	<input checked="" type="checkbox"/>	<u>WHITE</u>	<u>CEILING TEXTURE - POPCORN</u>	<u>~27 1/2' x 20'</u>	<u>FRONT RM 469</u>
12	<u>4A</u>	<input checked="" type="checkbox"/>	<u>WHITE/TAN INT.</u>	<u>CEILING TILE 15" x 30"</u>		<u>THEATER</u>
13	<u>4B</u>	<input checked="" type="checkbox"/>	<u>"</u>	<u>"</u>		<u>"</u>
14	<u>5A</u>	<input checked="" type="checkbox"/>	<u>BROWN</u>	<u>BLUE DOTS - (FOR CEILING TILES)</u>	<u>46 1/2' x 20'</u>	<u>THEATER</u>
15	<u>5B</u>	<input checked="" type="checkbox"/>	<u>"</u>	<u>"</u>		<u>"</u>
16	<u>5C</u>	<input checked="" type="checkbox"/>	<u>"</u>	<u>"</u>		<u>"</u>
17	<u>6</u>	<input checked="" type="checkbox"/>	<u>ORANGE/GREY</u>	<u>BRICK + MORTAR</u>		<u>PARTITION WALL</u>
18	<u>7</u>	<input checked="" type="checkbox"/>	<u>TURQUOISE</u>	<u>CERAMIC TILE</u>		<u>FRONT EXT. BELOW WINDOWS</u>
19	<u>8</u>	<input checked="" type="checkbox"/>	<u>TAN</u>	<u>9" x 9" FLOOR TILE</u>	<u>40' x 12'</u>	<u>FURNACE RM</u>
20	<u>9</u>	<input checked="" type="checkbox"/>	<u>BROWN</u>	<u>"</u>		<u>"</u>
21	<u>10</u>	<input checked="" type="checkbox"/>	<u>"</u>	<u>"</u>		<u>FRONT RM 469 + HAIR CARPET UNDER</u>
22	<u>11</u>	<input checked="" type="checkbox"/>	<u>OFFWHITE</u>	<u>SHEET FLOORING + SUB TILE</u>	<u>~6' x 9'</u>	<u>CORNER OF FRONT RM 469</u>
23	<u>12</u>	<input checked="" type="checkbox"/>	<u>WOOD LOOK</u>	<u>SHEET FLOORING</u>	<u>~6' x 5 1/2'</u>	<u>R.R. (ALSO KITCHENETTE) 6' x 11'</u>
24		<input type="checkbox"/>				
25		<input type="checkbox"/>				
26		<input type="checkbox"/>				
27		<input type="checkbox"/>		<u>POPCORN CEILING TEXTURE ONLY IN 469 (~14' x 20')</u>		
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

## Environmental Chemistry Analysis Report

**QuanTEM Set ID:** 288199  
**Date Received:** 12/04/17  
**Received By:** Sherrie Leftwich  
**Date Sampled:**  
**Time Sampled:**  
**Analyst:** CR  
**Date of Report:** 12/05/17

**Client:** Advantage Environmental, Inc.  
 P.O. Box 1026  
 Camas, WA 98607

**Acct. No.:** B513

**Project:** 455/469 N. Front St.

**Location:** Woodburn, OR

**Project No.:** N.A

AIHA ID: 101352

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	PB-1	Paint	Lead	107	50	ppm	12/04/17 15:22	P EPA 7000B (1)
002	PB-2	Paint	Lead	<49.6	49.6	ppm	12/04/17 15:22	P EPA 7000B (1)
003	PB-3	Paint	Lead	164	49.8	ppm	12/04/17 15:22	P EPA 7000B (1)
004	PB-4	Paint	Lead	115	48.8	ppm	12/04/17 15:22	P EPA 7000B (1)
005	PB-5	Paint	Lead	<52.7	52.7	ppm	12/04/17 15:22	P EPA 7000B (1)
006	PB-6	Paint	Lead	<49.8	49.8	ppm	12/04/17 15:22	P EPA 7000B (1)



**Authorized Signature:** \_\_\_\_\_

Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

# Supplemental Report QAQC Results

QA ID: 15839

Test: Lead

Date: 12/4/2017

Matrix: Paint

Lab Number: 288199

Approved By: Cherry Rossen

Date Approved:

## Notes:

## Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

## Standards Data:

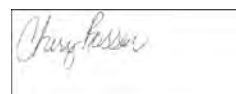
Standard	Low Limit	Obtained	High Limit
CCV	4.5	5	5.5
FCV	4.5	4.8	5.5
ICV	0.9	1	1.1
RLVS	0.05	0.12	0.15

## Duplicate Data:

## Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-P1	0.000	2.002	1.873	93.6	1.991	99.5	6.1
288187-001	0.075	2.000	1.945	93.5			

Authorized Signature:



Cherry Rossen, Technical Manager





www.QuanTEM.com

# LEAD CHAIN OF CUSTODY

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For Lab Use Only	
Lab No. <u>288199</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Contact Information		Project Information	
Company: Advantage Environmental Inc	Phone: (503) 709-0879	Project Name: <u>455/469 N. FRONT ST</u>	
Contact: Todd Haley	Cell Phone: (503) 522-1369	Project Location: <u>WOODBURN, OR.</u>	
Account #: B-513	E-mail:	Project ID:	

Report Results ( <input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/>	Quantem Website
	Other _____

Sampled By: \_\_\_\_\_ Name: ERIC NEAL Date: 12-1-17

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>ERIC NEAL</u>	<u>12-1-17</u>	<u>Fed X</u>	<u>Sheftwich</u>	<u>12/4/17 10:30</u>

### REQUESTED SERVICES (Please the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units ( <input checked="" type="checkbox"/> ONE box only)					Sample Matrix Codes		
						Pb	PPM	Wt %	mg / l	µg / ft <sup>2</sup>	µg / m <sup>3</sup>	mg / cm <sup>2</sup>	A	B		
1	<u>PB-1</u>	<u>BEACH EXT. TRIM</u>		<u>2 sq in.</u>	<u>B</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
2	<u>PB-2</u>	<u>WHITE EXT TRIM</u>		<u>1</u>	<u>B</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
3	<u>PB-3</u>	<u>RED EXT DOOR</u>		<u>9</u>	<u>B</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
4	<u>PB-4</u>	<u>BLUE INT. WALL</u>		<u>1</u>	<u>B</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
5	<u>PB-5</u>	<u>WHITE INT TRIM</u>		<u>1</u>	<u>B</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
6	<u>PB-6</u>	<u>PALEGREEN INT WALL &amp; TRIM</u>		<u>6</u>	<u>B</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
7																
8																
9																
10																
11																
12																

TURNAROUND TIME	
<input type="checkbox"/>	Same Day
<input checked="" type="checkbox"/>	24 - Hour
<input type="checkbox"/>	3 - Day
<input type="checkbox"/>	5 - Day



APPENDIX C  
AHERA Building Inspector  
Certification

THIS IS TO CERTIFY THAT  
**ERIC D NEIL**  
HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE  
for  
**ASBESTOS INSPECTOR REFRESHER**

In accordance with TSCA Title II, Part 763, Subpart E, Appendix C of 40 CFR

Course Date: 01/20/2017

Course Location: Portland, OR

Certificate: IR-17-5006B



Engineering +  
Environmental

Refresher Training Held Online

Expiration Date: 01/20/2018

For verification of the authenticity of this  
certificate contact:  
PBS Environmental  
4412 SW Corbett Avenue  
Portland, OR 97239  
(503) 248-1939

A handwritten signature in black ink that reads "Gregory M. Baker".

Greg Baker, Instructor