

ADVANTAGE
Environmental INC.

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

Conducted at:
Corbett School District No. 39 Gymnasium
35800 E Historic Columbia River Hwy
Corbett, OR 97019

Conducted for:
Steve Salisbury
35800 E Historic Columbia River Hwy
Corbett, OR 97019

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



Clean your world.

February 26, 2019

Steve Salisbury
Corbett School District No. 39
35800 E Historic Columbia River Hwy
Corbett, OR 97019
503-793-4596
ssalisbury@corbett.k12.or.us

RE: Limited Asbestos Building Material Survey & Limited Lead based Paint
Sampling at: Gymnasium-35800 E Historic Columbia River Hwy-Corbett, OR

Dear Mr. Salisbury,

Advantage Environmental, Inc., (AEI) has completed a limited asbestos building material survey & Limited Lead based paint Sampling of the gymnasium located at 35800 E Historic Columbia River Hwy in Corbett, 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.

Chelsea Moore
Office Admin

1. INTRODUCTION

Advantage Environmental, Inc. was retained by Corbett School District to perform a limited asbestos building material survey & limited lead-based paint sampling of the gymnasium located at 35800 E Historic Columbia River Pkwy in Corbett, OR. The on-site inspection was performed by EPA/AHERA accredited building inspector Sidney Carter on February 22, 2019.

2. BUILDING DESCRIPTION

The structure is a single-story gymnasium with basement, stick built on concrete slab. Interior walls and ceilings consisted of gypsum wallboard. The floors were wood, carpet, tile or throughout.

3. PURPOSE AND SCOPE

The purpose of this survey was to identify the location of asbestos containing material and lead-based paints prior to seismic upgrading of the gymnasium 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 material 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 material. Interior assessments were conducted throughout visually accessible areas of the property.

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

Unidentified asbestos-containing material 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 drywall
- White texture
- White joint compound
- Brown mastic
- White skip trowel ceiling texture
- Off-white/tan 12"X12" ceiling tile
- Brown cove base
- Tan 9"X9" floor tile
- Black mastic
- Tan HVAC damper
- Black/gray caulking
- White/gray window grout

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	Presumed throughout wall system

***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 material 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	Material Location	Approximate Quantity**	Friable Yes / No
White texture	Presumed throughout gymnasium walls	Not quantified	Yes
Tan 9" floor tile & black flooring mastic	Room #25, three closets-quantified	~100 sq. ft.	No
Black/gray window caulking	Presumed throughout base of block windows. Possibly in additional locations.	~200 ln. 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-White	Interior-Shower room	553
Pb-2-White	Interior-West Hall	<49.8
Pb-3-Gray Splatter	Interior-Room #25 closet	<132
Pb-4-Red	Interior-Weight room South Wall	<49.3
Pb-5-White	Interior-Weight room South Wall	1,030
Pb-6-Black	Interior-Locker room South Wall	<49.9

Caution 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 material. The location, approximate quantity and condition of each material were recorded on 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 materials 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 62 suspect asbestos-containing material samples were analyzed including sub-layers.

All samples collected by AEI were placed into pre-labeled airtight containers and brought to AEI’s laboratory for analysis of asbestos content. AEI’s laboratory 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

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 Target Housing, 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 materials 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 materials, containing <1% asbestos is 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.*

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

Gymnasium

35800 E Historic Columbia River Hwy - Corbett, OR

Material Summary Table

Sample Number	Material Description	Sample Location	Condition if applicable	Asbestos Content
1A	White texture Brown mastic	Room #25-North Closet		Asbestos Not Present
1B	White texture White joint compound White drywall Drywall/joint compound composite	Room #25-North Closet Room #25-North Closet Room #25-North Closet Room #25-North Closet Room #25-North Closet	Good Good	Asbestos Not Present 3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile
1C	White texture White joint compound White drywall Drywall/joint compound composite	Room #25-SE Closet Room #25-SE Closet Room #25-SE Closet Room #25-SE Closet	Good Good	3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile
1D	White texture White joint compound White drywall Drywall/joint compound composite	Locker room-South Wall Locker room-South Wall Locker room-South Wall Locker room-South Wall	Good Good	3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile
1E	White texture White joint compound White drywall Drywall/joint compound composite	Locker room-SE Wall Locker room-SE Wall Locker room-SE Wall Locker room-SE Wall	Good Good	3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile
1F	White texture White joint compound White drywall Drywall/joint compound composite	Locker room-North Wall Locker room-North Wall Locker room-North Wall Locker room-North Wall	Good Good	3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile
1G	White texture White joint compound White drywall Drywall/joint compound composite	Shower room-SE Wall Shower room-SE Wall Shower room-SE Wall Shower room-SE Wall	Good Good	3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile
1H	White texture White joint compound White drywall Drywall/joint compound composite	Shower room-SE Wall Shower room-SE Wall Shower room-SE Wall Shower room-SE Wall	Good Good	3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile
1I	White texture White joint compound White drywall Drywall/joint compound composite	Locker room-SE Wall Locker room-SE Wall Locker room-SE Wall Locker room-SE Wall	Good Good	3% Chrysotile 3% Chrysotile Asbestos Not Present <1% Chrysotile

Sample Number	Material Description	Sample Location	Condition if applicable	Asbestos Content
2A 2B 2C	White skip trowel ceiling texture White skip trowel ceiling texture White skip trowel ceiling texture	West Hall at maintenance West Hall at Room #26 East Hall at Column		Asbestos Not Present Asbestos Not Present Asbestos Not Present
3A 3B 3C	Off-white/tan 12"X12" ceiling tile Brown mastic Off-white/tan 12"X12" ceiling tile Brown mastic Off-white/tan 12"X12" ceiling tile Brown mastic	Room #25-North Side of room (same as gym) Room #25-North Side of room (no mastic in gym) Room #25-West Side of room (same as gym) Room #25-West Side of room (no mastic in gym) Room #25-Center of room (same as gym) Room #25-Center of room (no mastic in gym)		Asbestos Not Present Asbestos Not Present Asbestos Not Present Asbestos Not Present Asbestos Not Present Asbestos Not Present
4A 4B 4C	Brown cove base Brown mastic Brown cove base Brown mastic Brown cove base Brown mastic	Locker room-South Wall Locker room-South Wall Room #25-SW Closet Room #25-SW Closet Room #25-North Closet Room #25-North Closet		Asbestos Not Present Asbestos Not Present Asbestos Not Present Asbestos Not Present Asbestos Not Present Asbestos Not Present
5A 5B 5C	Tan 9"X9" floor tile Black mastic Tan 9"X9" floor tile Black mastic Tan 9"X9" floor tile Black mastic	Room #25-North Closet Room #25-North Closet Room #25-SW Closet Room #25-SW Closet Room #25-North Closet Room #25-North Closet	Good Good Good Good Good Good	5% Chrysotile 5% Chrysotile 5% Chrysotile 5% Chrysotile 5% Chrysotile 5% Chrysotile
6	Tan 9"X9" floor tile Brown mastic	Room #25-North Closet Room #25-North Closet	Good	5% Chrysotile Asbestos Not Present
7	Tan HVAC damper	Gymnasium		Asbestos Not Present
8A 8B	Black/gray caulking Black/gray caulking	Gymnasium exterior-East Window Gymnasium exterior-East Window	Good Good	4% Chrysotile 4% Chrysotile
9A 9B	White/gray window block grout White/gray window block grout	Gymnasium-East Window blocks Gymnasium-East Window blocks		Asbestos Not Present Asbestos Not Present

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. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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 Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
001a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
002	1B	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
002a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
002b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
002c		Composite	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
003	1C	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
003a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
003b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
003c		Composite	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
004	1D	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
004a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
004b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

QuantEM Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
004c		Composite	White Joint Compound / SHEETROCK	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
005	1E	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
005a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
005b		Layered	White SHEETROCK	Asbestos Not Present	Cellulose 20	Gypsum
005c		Composite	White Joint Compound / SHEETROCK	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
006	1F	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint

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

QuantEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
006a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
006b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
006c		Composite	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
007	1G	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
007a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
007b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
007c		Composite	White Joint Compound / Shtetrock	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
008	1H	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
008a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
008b		Layered	White Shtetrock	Asbestos Not Present	Cellulose 20	Gypsum
008c		Composite	White Joint Compound / Shtetrock	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
009	1I	Layered	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
009a		Layered	White Joint Compound	Asbestos Present Chrysotile 3	NA	CaCO3
009b		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
009c		Composite	White Joint Compound / Sheetrock	Asbestos Present Chrysotile <1	Cellulose 20	CaCO3 Gypsum
010	2A	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
011	2B	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
012	2C	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
013	3A	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
013a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
014	3B	Layered	White/Tan Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
014a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
015	3C	Layered	White/Tan Ceiling Tile	Asbestos Not Present	Cellulose 90	Paint
015a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
016	4A	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
016a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
017	4B	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl
017a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
018	4C	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl
018a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
019	5A	Layered	Tan Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
019a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
020	5B	Layered	Tan Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
020a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
021	5C	Layered	Tan Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
021a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
022	6	Layered	Tan Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
022a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 305544	Client: Advantage Environmental, Inc.
Account Number: B513	9317 NE Hwy 99., Ste A
	Vancouver, WA 98665
Date Received: 02/25/2019	
Received By: Christiana Younge	
Date Analyzed: 02/25/2019	Project: Corbett School District
Analyzed By: Dee Ammerman	Project Location: 35800 E Historic Columbia River Hwy, Corbett, 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
023	7	Homogeneous	Tan HVAC Damper	Asbestos Not Present	Cellulose 90	Binder
024	8A	Homogeneous	Black/Gray Caulk	Asbestos Present Chrysotile 4	NA	CaCO3 Binder
025	8B	Homogeneous	Black/Gray Caulk	Asbestos Present Chrysotile 4	NA	CaCO3 Binder
026	9A	Homogeneous	White/Gray Grout	Asbestos Not Present	NA	CaCO3 Sand
027	9B	Homogeneous	White/Gray Grout	Asbestos Not Present	NA	CaCO3 Sand

Dee Ammerman

Dee Ammerman, Laboratory Manager

2/25/2019

Date of Report

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

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



ASBESTOS CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>305544</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject

Contact Information		Project Information		Report Results (<input checked="" type="checkbox"/> one box)	
Company: Advantage Environmental	Phone:	Project Name: Corbett School District		<input type="checkbox"/> Quantem Website	
Contact: Sidney Carter	Cell Phone: (503) 522-1369	Project Location: 35800 E Historic Columbia River Hwy, Corbett, OR, OR		<input type="checkbox"/> Email <u>sid.carter@advantage-enviro.com</u>	
Account #: B513	E-mail: <u>sid.carter@advantage-enviro.com</u>	Project ID:		<input type="checkbox"/> Other _____	
SAMPLED BY: Name: Sidney Carter	Date: 2/22/2019	P.O. Number:			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<i>Sidney Carter</i>	<i>2/22/19</i> <i>3 pm</i>	<i>FEWA</i>	<i>Clyoung</i>	<i>2-25-2019</i> <i>9:15 am</i>

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 checked="" type="checkbox"/> Same Day					
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour					
<input type="checkbox"/> Gravimetric Preparation	PCM		<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"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day					
		<input type="checkbox"/> Waste Water- EPA 600/4-83-043							

No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1A	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Rm 25 North Closet
2	1B	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Rm 25 North Closet
3	1C	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Rm 25 SE Closet
4	1D	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Locker Rm South Wall
5	1E	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Locker Rm SE Wall
6	1F	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Locker Rm North Wall
7	1G	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Shower Rm SE Wall
8	1H	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Shower Rm SE Wall
9	1I	<input checked="" type="checkbox"/>	White	Texture / Drywall / Joint Compound		Locker Rm SE Wall
10	2A	<input checked="" type="checkbox"/>	White	Skip Trowel Ceiling Texture		West Hall at Maintenance

SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"
 Please Note - UPS and USPS are NOT available for Saturday Delivery



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>305544</u>
Accept	Reject

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

Project Information						
Company: Advantage Environmental		Project Name: Corbett School District		Project Location: 35800 E Historic Columbia River Hwy, Corbett, OR, OR		
No.	Sample ID (10 Characters Max)	<input checked="" type="checkbox"/> To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	2B	<input checked="" type="checkbox"/>	White	Skip Trowel Ceiling Texture		West Hall at Rm 26
12	2C	<input checked="" type="checkbox"/>	White	Skip Trowel Ceiling Texture		Eat Hall at Column
13	3A	<input checked="" type="checkbox"/>	Off White/Tan	12"X12" Ceiling Tile with Brown Mastic	1,200 sq. ft.	Rm 25 North Side of Room
14	3B	<input checked="" type="checkbox"/>	Off White/Tan	12"X12" Ceiling Tile with Brown Mastic		Rm 25 West Side of Room
15	3C	<input checked="" type="checkbox"/>	Off White/Tan	12"X12" Ceiling Tile with Brown Mastic		Rm 25 Center of Room
16	4A	<input checked="" type="checkbox"/>	Brown	Cove Base	25 In. Ft.	Locker Rm South Wall
17	4B	<input checked="" type="checkbox"/>	Brown	Cove Base	35 In. ft.	Rm 25 SW Closet
18	4C	<input checked="" type="checkbox"/>	Brown	Cove Base	35 In. ft.	Rm 25 North Closet
19	5A	<input checked="" type="checkbox"/>	Tan	9"X9" Floor Tile with Black Mastic		Rm 25 North Closet
20	5B	<input checked="" type="checkbox"/>	Tan	9"X9" Floor Tile with Black Mastic		Rm 25 SW Closet
21	5C	<input checked="" type="checkbox"/>	Tan	9"X9" Floor Tile with Black Mastic		Rm 25 North Close
22	6	<input checked="" type="checkbox"/>	Tan	9"X9" Floor Tile with Brown Mastic		Rm 25 North Closet
23	7	<input checked="" type="checkbox"/>	Tan	HVAC Damper		Gym
24	8A	<input checked="" type="checkbox"/>	Black/Gray	Caulking	200 In. ft.	Gym Exterior East Window
25	8B	<input checked="" type="checkbox"/>	Black/Gray	Caulking		Gym Exterior East Window
26	9A	<input checked="" type="checkbox"/>	White/Gray	Window Block Grout		Gym East Window Blocks
27	9B	<input checked="" type="checkbox"/>	White/Gray	Window Block Grout		Gym East Window Blocks
28		<input type="checkbox"/>				
29		<input type="checkbox"/>				
30		<input type="checkbox"/>				

*12X12 ceiling tiles in gym - wood fiber, no mastic - stapled
 G PB- Quantem*



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

Environmental Chemistry Analysis Report

QuanTEM Set ID: 305539
Date Received: 02/25/19
Received By: Taylor Hooper
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 02/25/19

Client: Advantage Environmental, Inc.
9317 NE Hwy 99., Ste A
Vancouver, WA 98665
Acct. No.: B513
Project: Corbett School District
Location: 35800 E historic River Hwy, Corbett, 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	553	49.5	ppm	02/25/19 15:05	P EPA 7000B (1)
002	PB-2	Paint	Lead	<49.8	49.8	ppm	02/25/19 15:05	P EPA 7000B (1)
003	PB-3	Paint	Lead	<132	132	ppm	02/25/19 15:05	P EPA 7000B (1)
004	PB-4	Paint	Lead	<49.3	49.3	ppm	02/25/19 15:05	P EPA 7000B (1)
005	PB-5	Paint	Lead	1,030	49.2	ppm	02/25/19 15:05	P EPA 7000B (1)
006	PB-6	Paint	Lead	<49.9	49.9	ppm	02/25/19 15:05	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: 17149
Test: Lead

Date: 2/25/2019
Matrix: Paint

Lab Number: 305539
Approved By: Cherry Rossen
Date Approved: 2/25/2019

Notes:

Blank Data:

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

Standards Data:

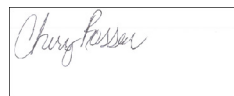
Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.1	5.5
FCV	4.5	5	5.5
RLVS	0.05	0.11	0.15
ICV	0.9	1.1	1.1

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
305487-001	0.000	2.000	1.966	98.3			
LCS-P1	0.000	1.982	1.730	87.3	2.064	104.2	17.6

Authorized Signature:





www.QuanTEM.com

LEAD CHAIN OF CUSTODY

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

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>305539</u>	
<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Reject
Report Results (<input checked="" type="checkbox"/> one box)	
<input checked="" type="checkbox"/> QuantEM Website	
Other _____	

Contact Information		Project Information	
Company: Advantage Environmental Inc	Phone: (503) 709-0879	Project Name: Corbett School District	
Contact: Sidney Carter	Cell Phone: (503) 522-1369	Project Location: 35800 E historic River Hwy, Corbett, OR	
Account #: B-513	E-mail:	Project ID:	

Sampled By: _____ Name: Sidney Carter Date: 02/22/2019

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Sidney Carter	2/22/2019	Fed X	<i>Jayke Hog</i>	2-25-19 9:15
	3PM			

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 ²	µg / m ³	mg / cm ²	A	B		
1	PB-1	White Interior Paint		Shower Rm	B	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
2	PB-2	White Interior Paint		West Hall	B	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
3	PB-3	Gray Spatter Interior Paint		Rm 25 Closet	B	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
4	PB-4	Red Interior Paint		Weight Rm S Wall	B	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
5	PB-5	White Interior Paint		Wight Rm S Wall	B	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
6	PB-6	Black Interior Paint		Locker Rm S Wall	B	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
7																	
8																	
9																	
10																	
11																	
12																	

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

APPENDIX C
AHERA Building Inspector
Certification

Certificate of Completion

This is to certify that
Sidney Carter
has satisfactorily completed
4 hours of refresher training as an
AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

168734
Certificate Number



Instructor



Jul 25, 2018
Date(s) of Training

Expires in 1 year.

Exam Score:
If appropriate: