The following samples of ceiling tiles were collected from Williamson Hall:

- WLMH1ER070618 2nd floor hallway
- WLM124ER070618 WLM 124
- WLM218ER070618 WLM 218
- WLMH9ER070618 2nd floor hallway
- WLMS02ER070918 Back stairway, 1st floor
- MAR002BER071018 MAR 002B, same as a single tile in WLM 1st floor hallway



9922 East Montgomery Suite 13 Spokane Valley, WA 99206 (509) 922-1365 ● Fax (509) 922-1380



July 11, 2018

Purchase Order #: K0004058

Work Order #: 19-157433 Phase 003

Eastern Washington University Insulation Maintenance IAS 1415 Cheney, WA 99004

Dear Sir,

The enclosed report details results for the analysis of the bulk sample(s) submitted to Mountain Laboratories on July 10, 2018. Sample analysis was performed to determine asbestos type and content using Polarized Light Microscopy, supplemented by Dispersion Staining (PLM/DS).

This report includes a summary of the analytical results and chain of custody. Analytical results are only reflective of the samples, which were tested and presented in this report. Mountain Laboratories limits warranty to proper analysis methods and takes no responsibility for sample procurement.

It has been our pleasure providing you with these analytical services. If you have any questions regarding this report, please do not hesitate to call us at (509) 922-1365.

Sincerely,

HeidirMarthy

Heidi L. McCarthy Laboratory Manager Mountain Laboratories Mountain Laboratories NW, Inc.

Enclosure: 1037.25657.25662

MOUNTAIN LABORATORIES BULK SAMPLE ANALYSIS FOR ASBESTOS

Eastern Washington University Insulation Maintenance IAS 1415 Cheney, WA 99004 Purchase Order #: K0004058 Work Order #: 19-157433 Phase 003

Test Method: EPA-600/R-93/116: Interim Method for the Determination of Asbestos in Bulk Building Materials. Customer #							
Laboratory No.	B18-25657	B18-25657 B18-25658					
Sample ID No.	WLMH1ER070618	WLM124ER070618	WLM218ER070618				
Sample Description	Ceiling Tile	Ceiling Tile	Ceiling Tile				
Sample Treatment	Teased/Heated	Teased/Heated	Teased				
Homogeneous	No	No	No				
Layered	Yes	Yes	Yes				
Fibrous	Yes	Yes	Yes				
Sample Color	Gray/Off White	Gray/Off White	Gray/Off White				
Asbestos Present	No	No	Yes				
Asbestos Type and Percentage 1. Chrysotile 2. Amosite 3. Crocidolite 4. Other	N.D.	N.D.	Amosite 1-2%				
Total % Asbestos	None	None	1-2%				
Other Fibrous Material In Sample	Mineral Wool 25% Cellulose 44%	Mineral Wool 25% Cellulose 44%	Mineral Wool 86-87% Cellulose <1%				
Non-Fibrous Material: Perlite 15% Binder/Filler 15% Paint <1% Other 100%		Perlite 15% Binder/Filler 15% Paint <1% Other 100%	Binder/Filler 10% Other <1%				

Date Analyzed: July 11, 2018 Analyzed By: Heidi L. McCarthy

Mountain Laboratories, Mountain Laboratories NW, Inc. limits warranty to proper analysis methods only and takes no responsibility for sample procurement. Mountain Laboratories, Mountain Laboratories NW, Inc., 9922 E. Montgomery Suite #13, Spokane Washington 99206 (509) 922-1365 - Fax (509) 922-1380. PLM has been known to miss asbestos in a small percentage of samples. Thus negative or <1% PLM results should be tested with either SEM or TEM. Customer is responsible for sample separation. This report may only be reproduced in full with written approval by Mountain Laboratories. Soil/Dust samples are not covered under NVLAP Accreditation.

Sample results must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

MOUNTAIN LABORATORIES BULK SAMPLE ANALYSIS FOR ASBESTOS

Eastern Washington University Insulation Maintenance IAS 1415 Cheney, WA 99004 Purchase Order #: K0004058 Work Order #: 19-157433 Phase 003

Test Method: EPA-600/R-93/116: Interim Method for the Determination of Asbestos in Bulk Building Materials. Customer							
Laboratory No.	B18-25660	B18-25660 B18-25661					
Sample ID No.	WLMH9ER070618	WLMS02ER070918	MAR002BER071018				
Sample Description	Ceiling Tile	Ceiling Tile	Ceiling Tile				
Sample Treatment	Teased/Heated	Teased/Heated	Teased/Heated				
Homogeneous	No	No	No				
Layered	Yes	Yes	Yes				
Fibrous	Yes	Yes	Yes				
Sample Color	Gray/Off White	Gray/Off White	Gray/Off White				
Asbestos Present	No	No	No				
Asbestos Type and Percentage 1. Chrysotile 2. Amosite 3. Crocidolite 4. Other	N.D.	N.D.	N.D.				
Total % Asbestos	None	None	None				
Other Fibrous Material In Sample	Mineral Wool 5% Cellulose 59%	Mineral Wool 5% Cellulose 59%	Mineral Wool 25% Cellulose 44%				
Non-Fibrous Material: Perlite 20% Binder/Filler 15% Paint <1% Other 100%		Perlite 20% Binder/Filler 15% Paint <1% Other 100%	Perlite 15% Binder/Filler 15% Paint <1% Other 100%				

Date Analyzed: July 11, 2018 Analyzed By: Heidi L. McCarthy

Mountain Laboratories, Mountain Laboratories NW, Inc. limits warranty to proper analysis methods only and takes no responsibility for sample procurement. Mountain Laboratories, Mountain Laboratories NW, Inc., 9922 E. Montgomery Suite #13, Spokane Washington 99206 (509) 922-1365 - Fax (509) 922-1380. PLM has been known to miss asbestos in a small percentage of samples. Thus negative or <1% PLM results should be tested with either SEM or TEM. Customer is responsible for sample separation. This report may only be reproduced in full with written approval by Mountain Laboratories. Soil/Dust samples are not covered under NVLAP Accreditation.

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Mountain Laboratories

9922 E. Montgomery, Suite 13

Spokane, Washington 99206

CHAIN OF CUSTODY RECORD

Billing Information (if different)

Contact Name, Address & Phone

Purchase Order#: K0004058

19-157433

MAIL

phase 003

FAX

PHONE

Work Order#:

Results:

Phone: 509-922-1365								E-Mail	
Fax: 509-922-1380					1	E-Mail: erosenz	weig@ewu.edu		
E-Mail: heidi@moun	tainlaboratories.	com							
Customer Information:				ANALYSIS REQUIRED		TURNAROUND			
Eastern Washington University				007		1 HR Rush	48 HR		
Environmental Health & Safety MAR 002						3 HR Rush	3 Day		
							24 HR Rush	X 5 Day	
Cheney, WA 99004							1		
Sample #	0	SAMPLE DESCRIPTION		DATE/TIME	PLM-Bulk	REMARKS		RESULTS	
WLMH1ER070618	Ceiling tile - white, 2x4, pin & worm (in 2' direction)			7/6/2018	Bulk				
WLM124ER070618				7/6/2018	Bulk				
WLM218ER070618				7/6/2018	Bulk				
WLMH9ER070618	LMH9ER070618 Ceiling tile - bright white, 2x4, pin & worm (in 2' direction) 7/6/2018			Bulk					
WLMS02ER070918 Ceiling tile - white, 2x4, sm & lg shallow pin holes 7/9/2018				Bulk					
MAR002BER071018 ceiling tile - white, 2x4, lg & sm pin holes in a patern		7/10/2018	Bulk						
							6		
	V								
				-					
RELEASE (Signate		DELIVERY METHOD	1177.53	VED BY nature)	COMPA	RECE	/TIME	CONDITION	
Chal Bon	1500	hand	Christer	Collins	Mount Laborat	ain 7/10/	18 3:20am	Good.	