

# **BULLSEYE**

### ASBESTOS BULK ANALYSIS REPORT

**Precision Analytical & Environmental Services** PO Box 28 Rickreall, Oregon 97371 (503) 835-7096 office, (503) 510-0537 cellular, bullseye@onlinemac.com, www.bullseyelab.com

LOG# 20321 **Project** # 4278

### **Analytical Results Summary**

Number of Samples Submitted: 8

1% or Greater Asbestos: 5

<1% Asbestos: 0

Asbestos Contamination: 0

No Asbestos Detected: 3

Total Suspect Asbestos Materials: 8

December 10, 2020

Kevin Christman Oregon State University - Environmental Health & Safety 130 Oak Creek Building Corvallis, OR 97331

RE: Analytical Results for Wiegand Hall Warehouse

### SAMPLE SUMMARY

Lab #	Sample #	Source:	Field Location:	Result:
20321-1	001	Caulk	Outside SW Window	Asbestos Containing
20321-2	002	Caulk	Outside SE Corner	Asbestos Containing
20321-3	003	Caulk	Inside 2nd Fl., 5th Window N.	No Asbestos Detected
20321-4	004	Caulk	Inside 2nd Fl., NW Window	Asbestos Containing
20321-5	005	Putty	Inside 2nd Fl. Middle Window	Asbestos Containing
20321-6	006	Putty	Outside 2nd Fl. North Window	Asbestos Containing
20321-7	007	Putty	Inside 1st Fl. South Window	No Asbestos Detected
20321-8	008	Putty	1st Fl. Inside NW Corner	No Asbestos Detected

All samples are analyzed by the method 40 CFR Part 763 Appendix E, Section I Polarized Light Microscopy (PLM), and where appropriate procedures outlined -116 Method for the Determination of Asbestos in Bulk Building Materials (July 1993). A lower detection limit for this method of less than 1% asbestos is technicians participating in rigorous QA/QC programs. This analytical method does not cover settled dust samples. Fibers less than 1 micrometer in length age is point counting is required by NESHAPS (40 CFR Part 61) for quantitation of samples containing less than 10% asbestos by PLM analysis only when four asbestos containing material (ACM). Samples reported by BULLSEYE as containing 1% or less asbestos by standard PLM may require point of the point of the procedure of 30 days, after which they will be discarded. The Analytical and Environmental Services laboratory participates in quality assurance and quality control programs including interlaboratory and for application of the polytocometer of the EPA but is not NVLAP accredited. Bullseye analysts are required to have a minimum of three years experience in a NVLAP are professional geologists trained in mineral identification. BULLSEYE is not liable for analytical data not reproduced in its entirety.

SAMPLED BY: Kevin Christman December 7, 2020

RECEIVED BY: Marilyn Bull December 7, 2020

**BULLSEYE** 

ANALYZED BY: Marilyn Bull December 11, 2020

**BULLSEYE** 

Note: RPG is renewed annually Lab data does not expire.

Expires: 6/1/2021

Lab#

Precision Analytical & Environmental Services

Client: Oregon State University -Log # 20321 Location: Wiegand Hall Warehouse

Sample #: 001 Caulk **Outside SW Window** 

### 20321-1 MATERIAL DESCRIPTION:

Window glazing compound is a white to tan, brittle putty composed of mineral grains, 3% chrysotile fiber bundles, and a small amount of cellulose fibers in a binder. Outer layers of paint not included in the analysis.

# Asbestos Containing



### Brittle

% OTHER FIBERS: Cellulose

% NONFIBROUS COMPONENTS:

Mineral fillers & binders

Sample #: 002 **Caulk Outside SE Corner** 

#### Lab# 20321-2

### MATERIAL DESCRIPTION: White latex caulk over window glazing compound that white to tan, brittle putty composed of mineral grains, 1-2% chrysotile fiber bundles, and a small amount of cellulose fibers in a binder. Outer layers of paint include silver coating containing aluminum 1-2% chrysotile. Possible cross contamination of silver coating and glazing compound.

### Asbestos Containing



### Brittle

% OTHER FIBERS:

Cellulose <1

### % NONFIBROUS COMPONENTS:

Mineral fillers & binders

Sample #: Inside 2nd Fl., 5th Window N. 003 Caulk

#### Lab# 20321-3

### Window glazing compound is a hard, white to tan putty composed of mineral grains and a small amount of cellulose fibers in a binder. Outer layer of tan paint.

MATERIAL DESCRIPTION:

### No Asbestos Detected



### Brittle

% OTHER FIBERS:

Cellulose trace

### % NONFIBROUS COMPONENTS:

Mineral fillers & binders

Caulk Sample #: 004 Inside 2nd Fl., NW Window

#### Lab# 20321-4

### MATERIAL DESCRIPTION:

Window glazing compound is a white to tan, brittle putty composed of mineral grains, 3% chrysotile fiber bundles, and a small amount of cellulose fibers in a binder. Outer layers of paint not included in the analysis.

## Asbestos Containing



### **Brittle** % OTHER FIBERS:

Cellulose

% NONFIBROUS COMPONENTS:

Mineral fillers & binders

Lab#

1

2

<1

<1

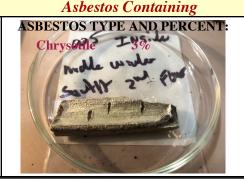
Precision Analytical & Environmental Services

Client: Oregon State University -Log # 20321 Location: Wiegand Hall Warehouse

Sample #: 005 **Putty** Inside 2nd Fl. Middle Window

### 20321-5 MATERIAL DESCRIPTION:

Window glazing compound is a white to tan, brittle putty composed of mineral grains, 3% chrysotile fiber bundles, and a small amount of cellulose fibers in a binder. Outer layers of paint not included in the analysis.



Brittle

% OTHER FIBERS: Cellulose

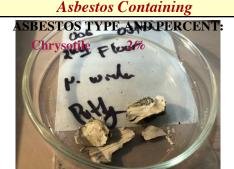
% NONFIBROUS COMPONENTS:

Mineral fillers & binders

Sample #: 006 **Putty** Outside 2nd Fl. North Window

#### Lab# 20321-6

### MATERIAL DESCRIPTION: Window glazing compound is a brpwm brittle putty composed of mineral grains, 2% chrysotile fiber bundles, and a small amount of cellulose fibers in a binder. Outer layers of paint not included in the analysis. Dirt mixed with the putty.



**Brittle** 

% OTHER FIBERS: Cellulose Synthetic

Hair

% NONFIBROUS COMPONENTS:

Mineral fillers & binders

**Inside 1st Fl. South Window** Sample #: 007 **Putty** 

#### Lab# 20321-7

### MATERIAL DESCRIPTION: Window glazing compound is a hard, white to tan putty composed of mineral grains and a small amount of cellulose fibers in a binder. Outer layer of tan paint.

### No Asbestos Detected



Brittle

% OTHER FIBERS:

Cellulose trace

% NONFIBROUS COMPONENTS:

Mineral fillers & binders

Sample #: 008 **Putty** 1st Fl. Inside NW Corner

### Lab# 20321-8 MATERIAL DESCRIPTION:

Window glazing compound is a hard, white to tan putty composed of mineral grains and a small amount of cellulose fibers in a binder. Outer layer of gray paint.

# No Asbestos Detected



**Brittle** % OTHER FIBERS:

> Cellulose trace

% NONFIBROUS COMPONENTS:

Mineral fillers & binders

 $\sim 100$ 

### OREGON STATE UNIVERSITY

ENVIRONMENTAL HEALTH AND SAFETY 130 OAK CREEK BUILDING CORVALLIS, OR 97331 (541) 737-2273

Fax (541) 737-9090

Work ordett 243319

### CHAIN OF CUSTODY FORM - ASBESTOS ANALYSIS

PERSO	ON TAKING SAMPLE: 1/3	EVIL Chr		75 AIVAL   315	
Loca	TION OF SAMPLE: (1)	icgrad by	ell-	Warthouse	8 F
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001	outside s.w. wi	who with	lau	IK	
002	outsil Sit co	in u/H	1001	K	
603	Paside 2nd Floor	r w/H	1001	I/C	
004	FARA Z DE P/O	111	car	III	
005	Ingide Middle	W/H	PUL	74	
006	Plea Nimile	w 1/1	PUTT	4	
RELINQUIS	SHED BY:	RELINQUISHED T	0:	DATE / TIME	
Ken	Chrost	BANE/TIME		12/1/20	69
_	My Bull	12/7	/20	2037	2/
RELINQUISHED BY:		RELINQUISHED T			
RECEIVED BY:		DATE / TIME		-	
				0	12

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ENVIRONMENTAL HEALTH AND SAFETY 130 OAK CREEK BUILDING CORVALLIS, OR 97331 (541) 737-2273 Fax (541) 737-9090

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PERSO	N TAKING SAMPLE:	1200	in let	rifu		<u>-</u>
LOCAT	TON OF SAMPLE: _	1129	nd He	el u	AME hous	-
DATE S	SAMPLE WAS TAKEN:	12/	17/202	0		_0
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008	1st plan		WH	Po	14-	
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