

August 8, 2023

## **Cal Poly Humboldt Sculpture Lab – Building Materials Asbestos Data Summary**

The California State Polytechnic University, Humboldt (Humboldt) Facilities Management (FM) Planning, Construction & Design (PDC) division collected bulk samples of suspect Asbestos Containing Material (ACM) at the Sculpture Lab (SCULPT) building located at the following street address:

- Sculpture Lab (Building 075)
- 1770 LK Wood Blvd, Arcata, CA 95521

Bulk sampling of suspect ACM was conducted throughout the exterior and interior of the SCULPT building on July 12, 2023. This memorandum summarizes the survey's analytical findings and provides conclusions based on the laboratory data.

### **Project Site**

The SCULPT building was originally built in 1950 and has footprint of approximately 6,650 square feet (SF). The SCULPT exterior (foundation, walls, and roof) and interior (floors, walls, and ceilings) are herein defined as the project site. The project site is a steel framed metal building with a concrete masonry unit (CMU) pony perimeter wall. The exterior siding consists of corrugated sheet metal and corrugated fiberglass panels.

The roof consists of a corrugated fiberglass panel and corrugated metal panels, a large section of which is overlaid with a bituminous tar membrane. Roof penetrations throughout are sealed with mastic.

Interior floors consist of sealed and/or painted concrete slab. Interior walls consist of exposed structural steel members, CMU half walls, plywood paneling, or drywall. Interior ceilings in the main classrooms are open to the steel framing. The administrative spaces, restrooms, and shop areas are enclosed by either drywall or cementitious panels. Photographs of the project site are attached (Attachment A).

### **Survey Description**

A total 21 suspect ACM samples were collected throughout the project site, some samples consisting of multiple layers of unique materials. The samples collected at the project site are listed in Table 1 (page 2). The locations of bulk samples collected at the project site are depicted on Figure 1 (Attachment B). The distribution of asbestos materials at the project site is depicted on Figure 2 (Attachment B).

Sampling was conducted by a California Department of Industrial Relations, Division of Occupational Safety and Health (Cal/OSHA) Certified Asbestos Consultant (Scott Harris, CAC #11-4713). The ACM sampling was conducted in general conformance with the United States Environmental Protection Agency (USEPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations governing facility demolition.

## Asbestos Findings

Bulk samples collected from the project site were sent to SGS Forensic Laboratories located in Hayward, California. Samples were analyzed for asbestos content via Polarized Light Microscopy (PLM) using USEPA Method 600/R-93. Select samples were additionally analyzed by Point Count 400 methodology (NESHAP Final Rule, 40 CFR, Part 61) to quantify the amount of asbestos in those samples more precisely. The PLM and point count data are summarized in Table 1 (below).

Table 1 includes the sample location, material type, laboratory result, and applicable regulatory designations for each collected sample. Materials that were reported by the laboratory to be nondetect (i.e., no asbestos detected) are listed in Table 1 as “ND”. Samples reported to contain asbestos are identified in Table 1 by the asbestos content (type and percent asbestos) and highlighted using bold text.

The approximate locations of the materials reported to contain asbestos are shown on Figure 2 (Attachment B). The analytical reports are attached (Attachment C).

<b>Table 1 – Asbestos Data Summary</b>						
<b>Sample Number</b>	<b>Location</b>	<b>Material</b>	<b>Laboratory Result</b>	<b>USEPA Category</b>	<b>Cal/OSHA Work Class</b>	<b>Waste Designation</b>
SCULPT-1	Rm 106 S Center	Concrete Slab (Grey)	ND	NA	NA	Not Asbestos Waste
SCULPT-2	Rm 102 N Center	Concrete Slab (Grey)	ND	NA	NA	Not Asbestos Waste
SCULPT-3	Rm 102 E Wall	CMU (grey) + Mortar (light grey)	ND	NA	NA	Not Asbestos Waste
<b>SCULPT-4</b>	<b>Rm 201 NE Ceiling</b>	<b>Roof Mastic (Black)</b>	<b>5% Chrysotile</b>	<b>Category I Nonfriable ACM</b>	<b>Class II</b>	<b>Nonhazardous Asbestos Waste</b>
<b>SCULPT-5</b>	<b>Rm 104 S Central Wall</b>	<b>Cementitious Panel (Grey)</b>	<b>15% Chrysotile</b>	<b>Category I Nonfriable ACM</b>	<b>Class II</b>	<b>Nonhazardous Asbestos Waste</b>
SCULPT-6	Rm 103 NW Wall	Knock Down Texture (White)	ND	NA	NA	Not Asbestos Waste
<b>SCULPT-7</b>	<b>Rm 103 NW Corner</b>	<b>Drywall + Joint Compound (White)</b>	<b>2% Chrysotile</b>	<b>RACM</b>	<b>Class II</b>	<b>California Hazardous Waste</b>
<b>SCULPT-8</b>	<b>Rm 101 SE Corner</b>	<b>Drywall + Joint Compound (White)</b>	<b>1% Chrysotile</b>	<b>RACM</b>	<b>Class II</b>	<b>California Hazardous Waste</b>
<b>SCULPT-9</b>	<b>Rm 101 SE Corner</b>	<b>Knock Down Texture (White)</b>	<b>2% Chrysotile</b>	<b>RACM</b>	<b>Class II</b>	<b>California Hazardous Waste</b>
<b>SCULPT-10</b>	<b>Rm RR-1 SE Corner</b>	<b>Drywall + Joint Compound (White)</b>	<b>2% Chrysotile</b>	<b>RACM</b>	<b>Class II</b>	<b>California Hazardous Waste</b>
<b>SCULPT-11</b>	<b>Rm RR-1 SE Corner</b>	<b>Knock Down Texture (White)</b>	<b>2% Chrysotile</b>	<b>RACM</b>	<b>Class II</b>	<b>California Hazardous Waste</b>
SCULPT-12	Exterior Pitched Roof W Center Vent	Roof Mastic (Black)	ND	NA	NA	Not Asbestos Waste
SCULPT-13	Exterior Pitched Roof	Roof Coating (Black)	ND	NA	NA	Not Asbestos Waste

<b>Table 1 – Asbestos Data Summary</b>						
<b>Sample Number</b>	<b>Location</b>	<b>Material</b>	<b>Laboratory Result</b>	<b>USEPA Category</b>	<b>Cal/OSHA Work Class</b>	<b>Waste Designation</b>
	SW @ Patio Wall					
SCULPT-14	Exterior Pitched Roof SW Center	Flashing Sealant (Black)	ND	NA	NA	Not Asbestos Waste
SCULPT-15	Exterior Covered Patio	Fastener Gasket (Black)	ND	NA	NA	Not Asbestos Waste
<b>SCULPT-16</b>	<b>Exterior Pitched Roof Peak Center</b>	<b>Roof Coating (Black)</b>	<b>5% Chrysotile</b>	<b>Category I Nonfriable ACM</b>	<b>Class II</b>	<b>Nonhazardous Asbestos Waste</b>
<b>SCULPT-17</b>	<b>Exterior Pitched Roof SE Corner</b>	<b>Roof Coating (Black)</b>	<b>5% Chrysotile</b>	<b>Category I Nonfriable ACM</b>	<b>Class II</b>	<b>Nonhazardous Asbestos Waste</b>
SCULPT-18	Exterior Pitched Roof SE Corner	Roof Mastic (Black)	ND	NA	NA	Not Asbestos Waste
SCULPT-19	Exterior Pitched Roof SW Corner	Roof Mastic (Black)	ND	NA	NA	Not Asbestos Waste
SCULPT-20	Exterior W Wall Center Window	Window Calking (Grey)	ND	NA	NA	Not Asbestos Waste
<b>SCULPT-21</b>	<b>Exterior E Wall Center Window</b>	<b>Window Putty (Grey)</b>	<b>&lt;1% Chrysotile</b>	<b>NA</b>	<b>Unclassified</b>	<b>Nonhazardous Asbestos Waste</b>
Notes: <ul style="list-style-type: none"> <li>• ACM = Asbestos Containing Material (greater than 1% asbestos)</li> <li>• NA = Not applicable</li> <li>• ND = Nondetect (i.e., no asbestos fibers reported above the laboratory detection limit)</li> <li>• RACM = Regulated Asbestos Containing Material (friable and greater than 1% asbestos)</li> <li>• Individual materials comprising multi-layered samples are separated by a "+" sign</li> </ul>						

### Conclusions for Asbestos

As listed in Table 1, 10 of the samples collected from the project site were reported to contain asbestos. These samples represent six (6) homogeneous areas of material distributed throughout the SCULPT building as shown on Figure 2 (Attachment B). All other sampled materials analyzed via PLM were reported to be ND. See attached PLM laboratory analytical reports (Attachment C).

Materials reported to contain greater than 1% asbestos are classified as either ACM or Regulated ACM (RACM) depending on each material's physical characteristics. Material containing greater than 0.1% asbestos is designated by Cal/OSHA as Asbestos Containing Construction Material (ACCM). Any asbestos materials that may be disturbed by the project shall be removed by a licensed abatement contractor prior to other site work.

Nonfriable ACM is classified as nonhazardous asbestos waste, so long as the material is not rendered friable during removal. Nonfriable ACM shall be reclassified as RACM, if removed using mechanical means, or otherwise rendered friable. While not federally regulated as hazardous, friable ACM (RACM) is regulated as a hazardous waste in California, thus is classified as a California hazardous waste. If other constituents of concern are presumed to be present onsite, then the demolition waste stream must be representatively sampled to determine the concentration of such constituents in that waste. Transportation and disposal requirements shall be determined based on the waste characterization data.

Any suspect ACM not identified in this memorandum that is discovered during site work should be presumed to contain asbestos until sampled and proven otherwise. If suspect ACM is identified at the project site for which there is no existing data, then work in that area shall stop, the material wetted, and access to the area restricted until the suspect ACM can be appropriately sampled and characterized.

Please contact FM PDC with any questions regarding the information contained in this memorandum.

Thank you,

**Facilities Management - Planning, Design & Construction**



**Scott Harris, CAC, CDPH**

[scott.harris@humboldt.edu](mailto:scott.harris@humboldt.edu)

**Attachments:**

1. Attachment A – Site Photographs
2. Attachment B – Figures
3. Attachment C – Laboratory Data



Photograph 1 – SCULPT Exterior – West façade



Photograph 2 – SCULPT Interior – Main classroom looking northeast



Photograph 3 – SCULPT Interior – Main classroom looking southeast



Photograph 4 – SCULPT Interior – Shop looking north. Window with glazing compound (putty) reported to be ACM at right.



Photograph 5 – SCULPT Exterior – Bituminous roof coating (typical) reported to be ACM



Photograph 6 – SCULPT Exterior – Roof mastic (typical) reported to be ACM



Photograph 7 – SCULPT Interior – Cementitious paneling (typical) reported to be ACM



Photograph 8 – SCULPT Exterior – Drywall and joint compound (ACM) on walls and ceiling (typical)

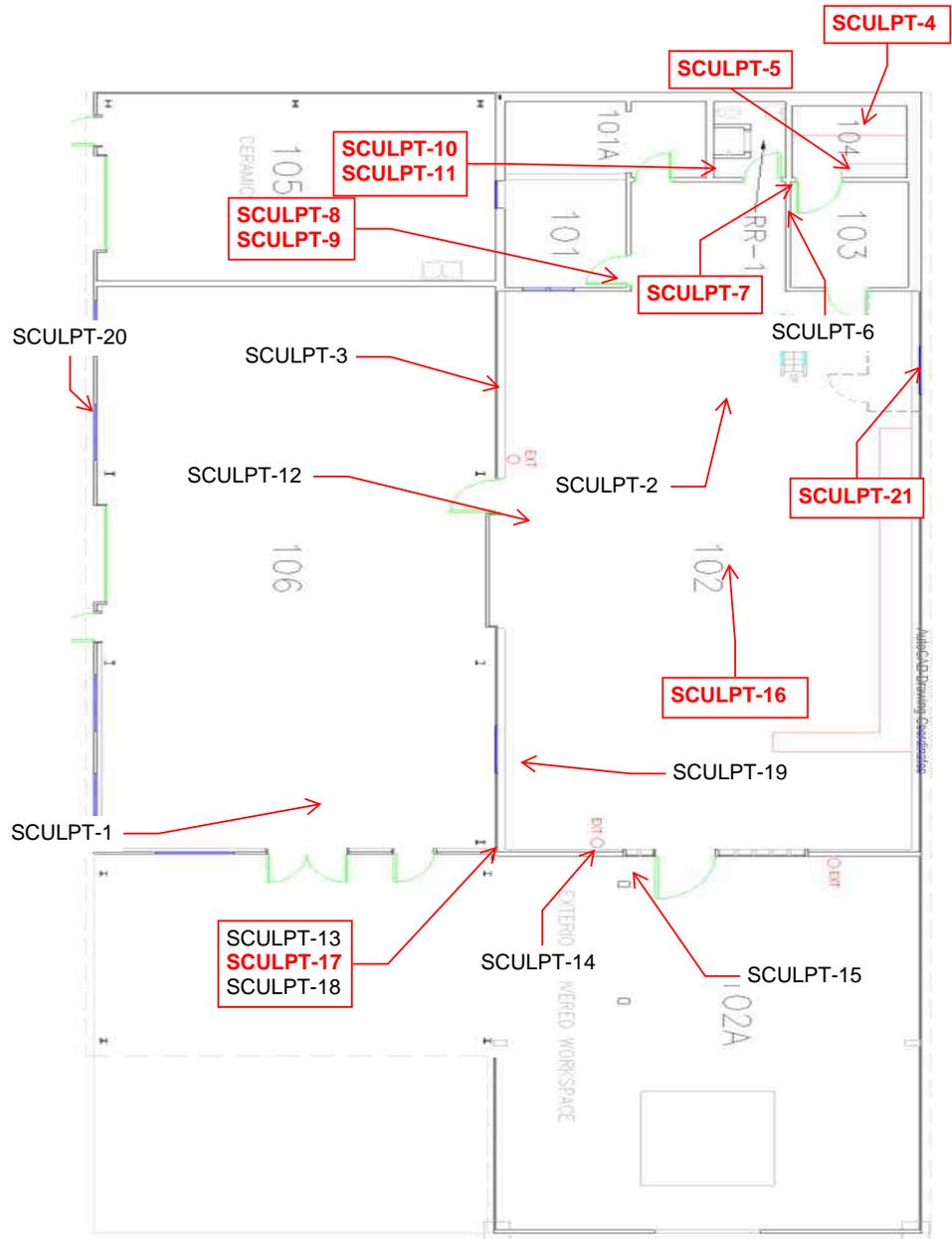


# Attachment B

## Figure 1 - Sample Location Map

### Sculpture Lab (75)

1770 LK Wood Blvd, Arcata, CA



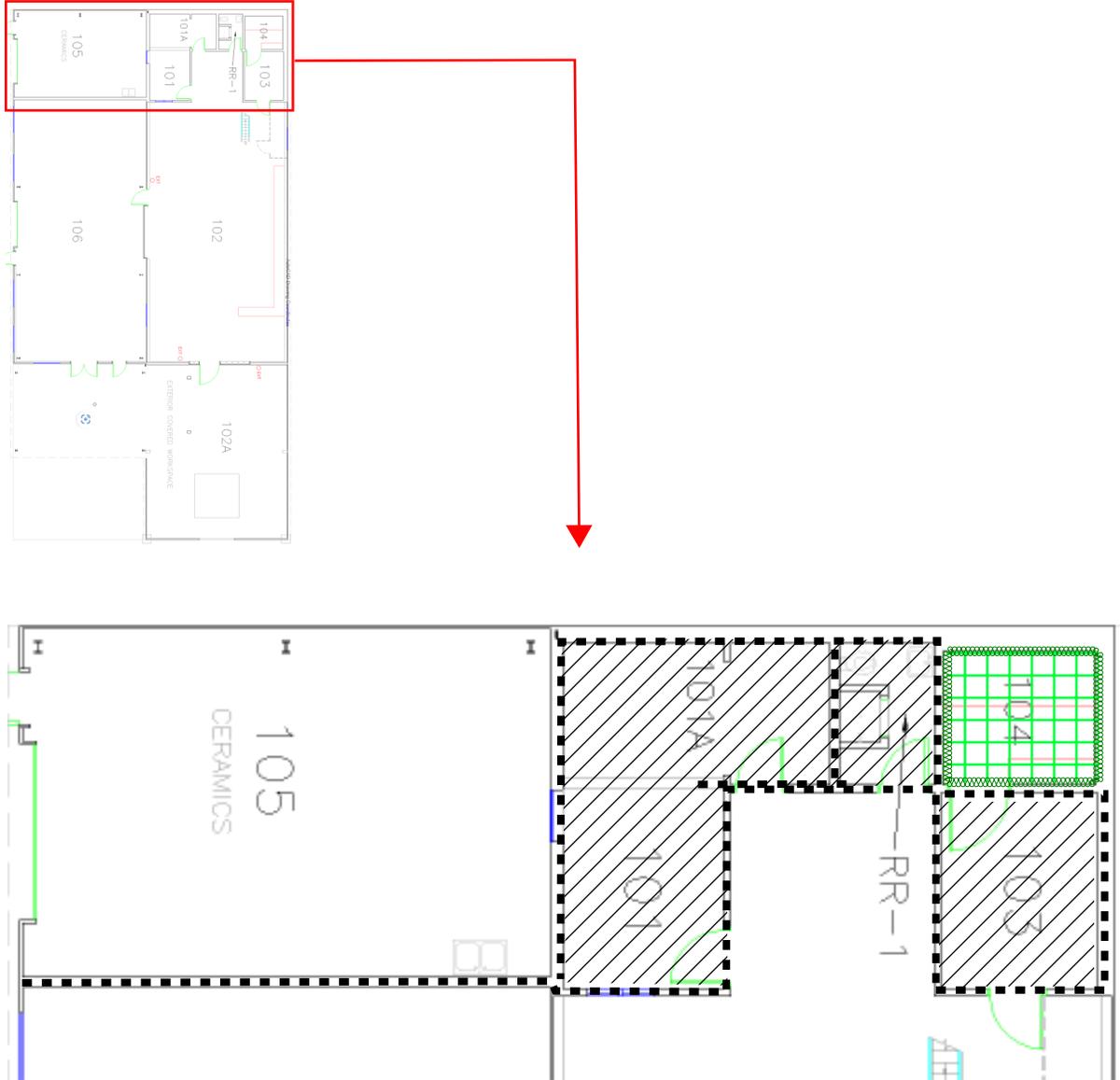
#### Notes:

- All locations and measurements approximate
- Not to scale
- SCULPT - # = Sample Location
- **Out lined box + Bold lettering** = Material reported to contain asbestos
- ■■■■ = Drywall wall associated with joint compound on walls reported to contain asbestos
- // = Drywall wall associated with joint compound on ceiling reported to contain asbestos
- [Cross-hatched pattern] = Cementitious paneling on walls reported to contain asbestos
- [Grid pattern] = Cementitious paneling on ceiling reported to contain asbestos



# Figure 2 - Distribution & Quantity Detail Sculpture Lab (75)

1770 LK Wood Blvd, Arcata, CA

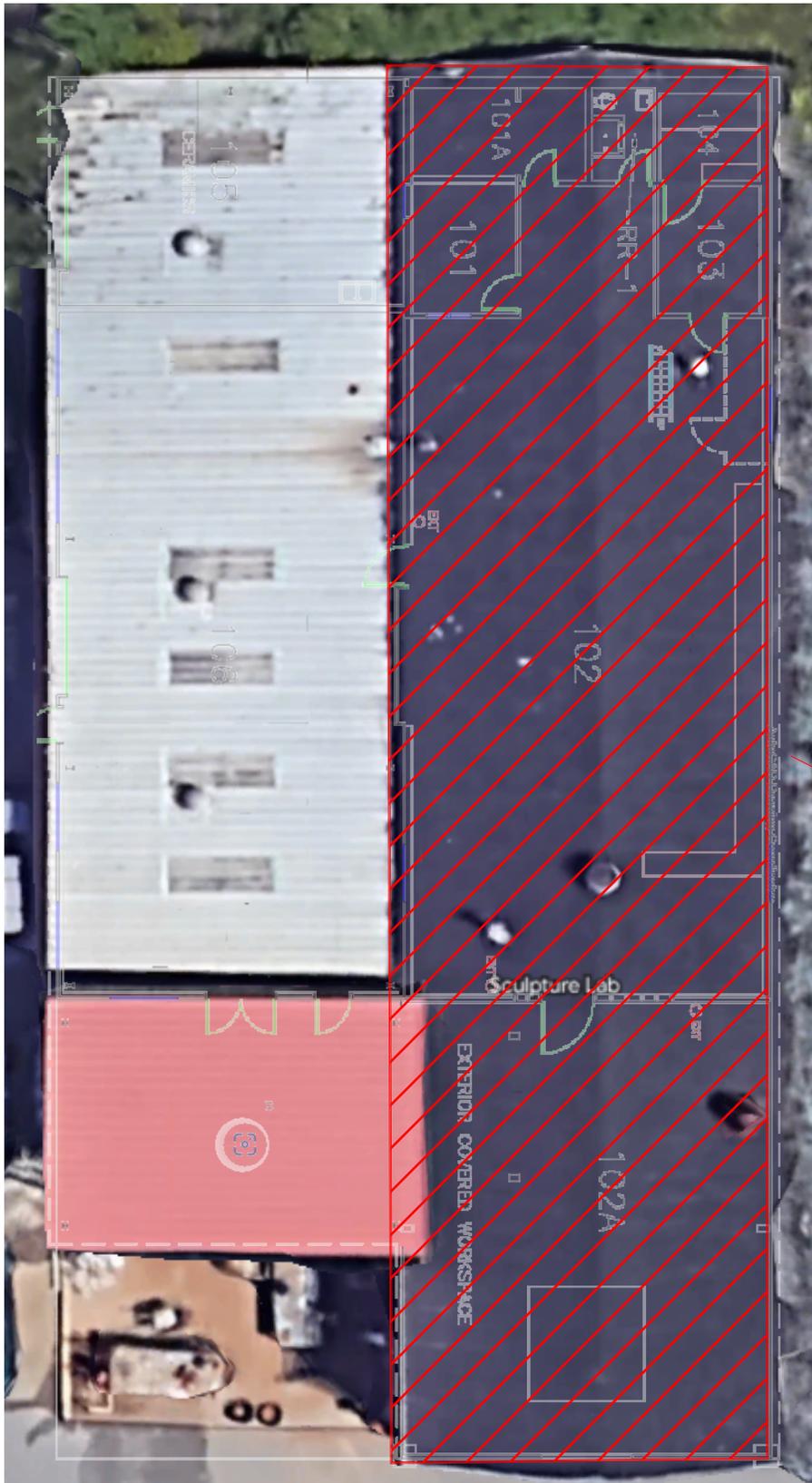


### Notes:

- All locations and measurements approximate
- Not to scale
- SCULPT - # = Sample Location
- **Out lined box** + **Bold lettering** = Material reported to contain asbestos
- **▀▀▀▀** = Drywall wall associated with joint compound on walls reported to contain asbestos
- **▀▀▀▀** = Drywall wall associated with joint compound on ceiling reported to contain asbestos
- **▒▒▒▒** = Cementitious paneling on walls reported to contain asbestos
- **▒▒▒▒** = Cementitious paneling on ceiling reported to contain asbestos
- Approximately 2900 SF of drywall associated with joint compound reported to contain asbestos
- Approximately 360 SF of cementitious panel reported to contain asbestos



# Figure 2b - Distribution & Quantity Detail (cont.) Sculpture Lab (75)



Roof mastic reported to contain asbestos





# Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)  
NVLAP Lab Code: 101459-0

Cal-Poly Humboldt (State University)  
Scott Harris  
1 Harpst Street  
Plan Operations  
Arcata, CA 95521

**Client ID:** 2087  
**Report Number:** B349625  
**Date Received:** 07/17/23  
**Date Analyzed:** 07/19/23  
**Date Printed:** 07/20/23  
**First Reported:** 07/19/23

**Job ID/Site:** PO# 1127193/XPL298; FM PDC / PLY 106 - Sculpture Lab (075) - 1770 LK Wood Blvd  
Arcata Ca 95521

**SGSFL Job ID:** 2087-1  
**Total Samples Submitted:** 21  
**Total Samples Analyzed:** 21

**Date(s) Collected:**

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>SCULPT-1</b>	12677642						
Layer: Grey Cementitious Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-2</b>	12677643						
Layer: Grey Cementitious Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-3</b>	12677644						
Layer: Grey Cementitious Material			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-4</b>	12677645						
Layer: Black Mastic		Chrysotile	<b>5 %</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (5%)</b>					
Cellulose (Trace)							
<b>SCULPT-5</b>	12677646						
Layer: Grey Semi-Fibrous Material		Chrysotile	<b>15 %</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (15%)</b>					
Cellulose (Trace)							
<b>SCULPT-6</b>	12677647						
Layer: White Texture			<b>ND</b>				
Layer: Paint			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-7</b>	12677648						
Layer: White Drywall			<b>ND</b>				
Layer: Off-White Joint Compound		Chrysotile	<b>2 %</b>				
Layer: Drywall Tape			<b>ND</b>				
Layer: Off-White Joint Compound		Chrysotile	<b>2 %</b>				
Layer: Paint			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (20 %) Fibrous Glass (10 %)							

**Client Name:** Cal-Poly Humboldt (State University)

**Report Number:** B349625

**Date Printed:** 07/20/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>SCULPT-8</b>	12677649						
Layer: White Drywall			<b>ND</b>				
Layer: Off-White Joint Compound		Chrysotile	<b>2 %</b>				
Layer: Drywall Tape			<b>ND</b>				
Layer: Off-White Joint Compound		Chrysotile	<b>2 %</b>				
Layer: Paint			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (20 %)	Fibrous Glass (10 %)						
<b>SCULPT-9</b>	12677650						
Layer: White Drywall			<b>ND</b>				
Layer: Off-White Texture		Chrysotile	<b>2 %</b>				
Layer: Paint			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (20 %)	Fibrous Glass (10 %)						
<b>SCULPT-10</b>	12677651						
Layer: White Drywall			<b>ND</b>				
Layer: Off-White Joint Compound		Chrysotile	<b>2 %</b>				
Layer: Drywall Tape			<b>ND</b>				
Layer: Off-White Joint Compound		Chrysotile	<b>2 %</b>				
Layer: Paint			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (20 %)	Fibrous Glass (10 %)						
<b>SCULPT-11</b>	12677652						
Layer: White Drywall			<b>ND</b>				
Layer: Off-White Texture		Chrysotile	<b>2 %</b>				
Layer: Paint			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (20 %)	Fibrous Glass (10 %)						
<b>SCULPT-12</b>	12677653						
Layer: Black Mastic			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)	Fibrous Glass (5 %)						
<b>SCULPT-13</b>	12677654						
Layer: Black Semi-Fibrous Coating			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (5 %)							
<b>SCULPT-14</b>	12677655						
Layer: Clear Non-Fibrous Material			<b>ND</b>				
Layer: Grey Coating			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							

**Client Name:** Cal-Poly Humboldt (State University)

**Report Number:** B349625

**Date Printed:** 07/20/23

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>SCULPT-15</b>	12677656						
Layer: Black Non-Fibrous Material							<b>ND</b>
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-16</b>	12677657						
Layer: Black Semi-Fibrous Tar		Chrysotile	<b>5 %</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (5%)</b>					
Cellulose (Trace)							
<b>SCULPT-17</b>	12677658						
Layer: Black Semi-Fibrous Tar		Chrysotile	<b>5 %</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (5%)</b>					
Cellulose (Trace)							
<b>SCULPT-18</b>	12677659						
Layer: Black Mastic							<b>ND</b>
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-19</b>	12677660						
Layer: Black Mastic							<b>ND</b>
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-20</b>	12677661						
Layer: Black Non-Fibrous Material							<b>ND</b>
Total Composite Values of Fibrous Components:		<b>Asbestos (ND)</b>					
Cellulose (Trace)							
<b>SCULPT-21</b>	12677662						
Layer: White Non-Fibrous Material		Chrysotile	<b>Trace</b>				
Layer: Paint			<b>ND</b>				
Total Composite Values of Fibrous Components:		<b>Asbestos (Trace)</b>					
Cellulose (Trace)							

Note: Job ID, Site updated



Maria Casper, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

# Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Cal-Poly Humboldt (State University)  
Scott Harris  
1 Harpst Street  
Plan Operations  
Arcata, CA 95521

**Client ID:** 2087  
**Report Number:** N015609  
**Date Received:** 07/20/23  
**Date Analyzed:** 07/26/23  
**Date Printed:** 07/26/23

**Job ID/Site:** PO# 1127193/XPL298; FM PDC / PLY 106 - Sculpture Lab (075) - 1770 LK  
Wood Blvd Arcata Ca 95521

**SGSFL Job ID:** 2087-1

**PLM Report Number:** B349625

**Total Samples Submitted:** 3

**Total Samples Analyzed:** 4

## Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
<b>SCULPT-8</b>	12677649	<b>Off-White Joint Compound</b>
<i>Point Count Results:</i>		
Number of asbestos points counted:	7	
Number of non-empty points:	400	
Layer percentage of entire sample:	5	
<b>Percent asbestos in layer:</b>	<b>2</b>	
Asbestos type(s) detected:	Chrysotile	
Comment:		
<b>SCULPT-8</b>	12677649	<b>Off-White Joint Compound</b>
<i>Point Count Results:</i>		
Number of asbestos points counted:	5	
Number of non-empty points:	400	
Layer percentage of entire sample:	5	
<b>Percent asbestos in layer:</b>	<b>1</b>	
Asbestos type(s) detected:	Chrysotile	
Comment:		
<b>SCULPT-9</b>	12677650	<b>Off-White Texture</b>
<i>Point Count Results:</i>		
Number of asbestos points counted:	7	
Number of non-empty points:	400	
Layer percentage of entire sample:	15	
<b>Percent asbestos in layer:</b>	<b>2</b>	
Asbestos type(s) detected:	Chrysotile	
Comment:		

# Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Cal-Poly Humboldt (State University)  
Scott Harris  
1 Harpst Street  
Plan Operations  
Arcata, CA 95521

**Client ID:** 2087  
**Report Number:** N015609  
**Date Received:** 07/20/23  
**Date Analyzed:** 07/26/23  
**Date Printed:** 07/26/23

**Job ID/Site:** PO# 1127193/XPL298; FM PDC / PLY 106 - Sculpture Lab (075) - 1770 LK  
Wood Blvd Arcata Ca 95521

**SGSFL Job ID:** 2087-1

**PLM Report Number:** B349625

**Total Samples Submitted:** 3

**Total Samples Analyzed:** 4

## Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
<b>SCULPT-21</b>	12677662	<b>White Non-Fibrous Material</b>
<i>Point Count Results:</i>		
Number of asbestos points counted:	3	
Number of non-empty points:	400	
Layer percentage of entire sample:	98	
<b>Percent asbestos in layer:</b>	<b>&lt; 1</b>	
Asbestos type(s) detected:	Chrysotile	

Comment:

Note: Point count results are reported to the nearest percent per EPA method.



Maria Casper, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



Analysis Request Form (COC)

Client Name & Address: <b>Cal Poly Humboldt Facilities Management 1 Harpst Street, Arcata, CA 95521-8299</b>		Client No.: <b>2087</b>	PO / Job#: <b>FM PDC / PLY106</b>	Date: <b>07/13/2023</b>
Contact: <b>Scott Harris</b>		Phone: <b>(707) 826-5904</b>	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input checked="" type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input type="checkbox"/> 5Day	
E-mail: <b>ssh11@humboldt.edu, jrb20@humboldt.edu</b>		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer		
Site Name: <b>Sculpture Lab (075)</b>		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count <b>400-1000</b> / <input type="checkbox"/> CARB 435		
Site Location: <b>1770 LK Wood Blvd, Arcata, CA 95521</b>		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Comments: <b>CF: 607022 HM705 D30037 - - PLY106. Please send invoices to above email addresses.</b>		<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only		

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
See Attachment A	07/12/23	See Attachment A	A P C	NA	NA	NA	NA
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: <b>SH</b>	Date/Time: <b>As above</b>	Shipped Via: <input type="checkbox"/> Fed Ex <input checked="" type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:
Relinquished By: <b>Scott Harris</b>	Date / Time: <b>07/13/2023 1745</b>	Relinquished By: _____ Date / Time: _____
Received By: _____	Date / Time: <b>JUL 14 2023 10:06</b>	Received By: _____ Date / Time: _____
Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

SGS Forensic Laboratories may subcontract client samples to other SGSFL locations to meet client requests.  
 San Francisco Office: 3777 Depot Road, Suite 409, Hayward, CA 94545-2761 • Phone: 510/887-8828 • 800/827-3274  
 Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417  
 Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040  
 Chicago Office: 3020 Woodcreek Drive, Suite C, Downers Grove, IL 60515 • Phone: 341/465-2464

Project: PLY106	Site: Sculpture Lab (75)	Sample Date: 07/12/2023
Bulk Sample Matrix		
Sample Number	Location	Material Description
SCULPT-1	Rm 106 S Center	Concrete Slab (Grey)
SCULPT-2	Rm 102 N Center	Concrete Slab (Grey)
SCULPT-3	Rm 102 E Wall	CMU (grey) + Mortar (light grey)
SCULPT-4	Rm 201 NE Ceiling	Roof Mastic (Black)
SCULPT-5	Rm 104 S Central Wall	Cementitious Panel (Grey)
SCULPT-6	Rm 103 NW Wall	Knock Down Texture (White)
SCULPT-7	Rm 103 NW Corner	Drywall + Joint Compound (White)
SCULPT-8	Rm 101 SE Corner	Drywall + Joint Compound (White)
SCULPT-9	Rm 101 SE Corner	Knock Down Texture (White)
SCULPT-10	Rm RR-1 SE Corner	Drywall + Joint Compound (White)
SCULPT-11	Rm RR-1 SE Corner	Knock Down Texture (White)
SCULPT-12	Ext Pitched Roof W Center Vent	Roof Mastic (Black)
SCULPT-13	Ext Pitched Roof SW @ Patio Wall	Roof Coating (Black)
SCULPT-14	Ext Pitched Roof SW Center	Flashing Sealant (Black)
SCULPT-15	Ext Covered Patio	Fastener Gasket (Black)
SCULPT-16	Ext Pitched Roof Peak Center	Roof Coating (Black)
SCULPT-17	Ext Pitched Roof SE Corner	Roof Coating (Black)
SCULPT-18	Ext Pitched Roof SE Corner	Roof Mastic (Black)
SCULPT-19	Ext Pitched Roof SW Corner	Roof Mastic (Black)
SCULPT-20	Ext W Wall Center Window	Window Calking (Grey)
SCULPT-21	Ext E Wall Center Window	Window Putty (Grey)

**Notes:**

Please provide a result for each unique material comprising multilayered samples.

- ACT Acoustical Ceiling Tile
- CTR Center
- CMU Concrete Masonry Unit
- JC Joint Compound
- N, S, E, W, NW, etc. Azimuth directions
- TSI Thermal System Insulation
- VFT Vinyl floor tile
- VSF Vinyl sheet flooring

