

PBS Memorandum 003

DATE: June 26, 2024

TO: Dave Kruger, Sr. Project Manager

FROM: Bob Kleckner


Digitally signed by Bob Kleckner
DN: cn=Bob Kleckner, ou=PBS
Engineering and Environmental Inc.,
email=bob.kleckner@pbsusa.com,
c=US
Date: 2024.06.26 15:57:20 -07'00'

PROJECT: 21600.026, Phase 0016, Task 003

REGARDING: Science Wing Renovation Project
Life Skills Work Area and Stairwell 1 Ceiling Survey Results

On June 25, 2024, PBS Engineering and Environmental LLC (PBS) performed a limited asbestos survey of the Life Skills work area and ceiling in Stairwell 1 at Lakeridge High School located in Lake Oswego, Oregon.

Life Skills Work Area

PBS Memorandum 002 dated 6/25/24 addressed the fireproofing in this work area, providing information that it is non-asbestos.

PBS also inspected and sampled other suspected asbestos materials within the Life Skills work area. A total of 5 bulk samples were collected from the area. All materials tested negative for asbestos. Below is a list of materials that were sampled:

- Lay-In Ceiling Tile
- Gypsum Wallboard/Joint Compound
- Grey Carpet Mastic
- Grey Covebase with Cream Mastic

Please refer to the attached PBS Bulk Sample Inventory and laboratory report for additional information.

Stairwell 1

PBS collected one sample from the gypsum wallboard ceiling in Stairwell 1. All layers within this wallboard system tested negative for asbestos.

Please refer to the attached PBS Bulk Sample Inventory and laboratory report for additional information.

Attachment(s): PBS Bulk Sample Inventory and Laboratory Report

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
21600.026-0041	Lay-in Ceiling Tile	Special education room 43; white 2x4 lay-in ceiling tile		Eurofins LabCor PDX
	Layer: Layer 1	Description: Light Gray Ceiling Tile with White Surface	Analysis: No Asbestos Detected	
21600.026-0042	Gypsum Wallboard/Joint Compound	Special education room 43; wall		Eurofins LabCor PDX
	Layer: Layer 1	Description: White Compound with Paint	Analysis: No Asbestos Detected	
	Layer 2	White Drywall with Brown Paper	No Asbestos Detected	
21600.026-0043	Mastic	Special education room 43; gray carpet mastic		Eurofins LabCor PDX
	Layer: Layer 1	Description: Semi-Transparent Mastic	Analysis: No Asbestos Detected	
21600.026-0044	Covebase/Mastic	Special education room 43; 4" gray covebase with cream mastic		Eurofins LabCor PDX
	Layer: Layer 1	Description: Black Cove Base	Analysis: No Asbestos Detected	
	Layer 2	Cream Mastic	No Asbestos Detected	
	Layer 3	White Compound	No Asbestos Detected	
21600.026-0045	Gypsum Wallboard/Joint Compound	Stair well 1; gypsum board ceiling		Eurofins LabCor PDX
	Layer: Layer 1	Description: White Compound with Paint	Analysis: No Asbestos Detected	
	Layer 2	Cream Tape	No Asbestos Detected	
	Layer 3	White Joint Compound	No Asbestos Detected	
	Layer 4	White Drywall with Brown Paper	No Asbestos Detected	

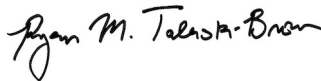
Report for:

Jim Blanco, John Yuly
PBS Engineering and Environmental: Portland
4412 S Corbett Ave.
Portland, OR 97239

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 21600.026 Phase 0016
EML ID: 3689196

Approved by:

Dates of Analysis:
Asbestos PLM: 06-25-2024



Technical Manager
Ryan Talaski-Brown

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200741-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: PBS Engineering and Environmental: Portland
C/O: Jim Blanco, John Yuly
Re: 21600.026 Phase 0016

Date of Sampling: 06-25-2024
Date of Receipt: 06-25-2024
Date of Report: 06-26-2024

ASBESTOS PLM REPORT

Total Samples Submitted: 5

Total Samples Analyzed: 5

Total Samples with Layer Asbestos Content > 1%: 0

Location: 21600.026-0041

Lab ID-Version‡: 18089268-1

Sample Layers	Asbestos Content
Light Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 10% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 21600.026-0042

Lab ID-Version‡: 18089269-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 21600.026-0043

Lab ID-Version‡: 18089270-1

Sample Layers	Asbestos Content
Semi-Transparent Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 21600.026-0044

Lab ID-Version‡: 18089271-1

Sample Layers	Asbestos Content
Black Cove Base	ND
Cream Mastic	ND
White Compound	ND
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company 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.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: PBS Engineering and Environmental: Portland
C/O: Jim Blanco, John Yuly
Re: 21600.026 Phase 0016

Date of Sampling: 06-25-2024
Date of Receipt: 06-25-2024
Date of Report: 06-26-2024

ASBESTOS PLM REPORT

Location: 21600.026-0045

Lab ID-Version‡: 18089272-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

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TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 21600.026 Phase 0016

Individuals signing this form warrant that the information provided is correct and complete. The Sender should keep a copy and send the original. The Receiver should complete the form, keep a copy and return the original to the Sender. Receiver shall report damage of package immediately to Sender.

SENDER

Date Sent: June 25, 2024

PBS Engineering and Environmental LLC
4412 S Corbett Avenue
Portland, OR 97239
503.248.1939, Fax: 866.727.0140

James Blanco
Name

[Signature] 6/25/24 1:31
Authorized Signature Date Time

RECEIVER

Date Received: 6/25/24

Company: Eurofins LabCor PDX
Address: 4321 S Corbett Avenue
Portland, OR 97239
(503) 224-5055

Mark I. [Signature]
Name

[Signature] 6/25/24 1:35
Authorized Signature Date Time

Sender's ID No.

Brief Description

Receiver's ID No.

21600.026-0041	
21600.026-0042	
21600.026-0043	
21600.026-0044	
21600.026-0045	

Please analyze the enclosed 5 sample(s) for asbestos content using PLM with dispersion staining. PBS requests prior notification if samples will be disposed.

Request verbal results by: _____ AM/PM _____ Date.

Please fax and mail the results to the above address.

TURNAROUND DESIRED: Rush

SPECIAL INSTRUCTIONS:

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