



Notification of Demolition

Case #: 25-003

Amendment: 0

11815 NE 99th Street, Suite 1294
Vancouver, WA 98662
Voice: 360-574-3058
Fax: 360-576-0925
Web: <https://www.swcleanair.gov>
Email: Tina@swcleanair.gov

Date Received: 1/2/2025

Date Paid: 1/2/2025

SWCAA Fee: \$77.00

Receipt #: 168630796

10 day waiting period from date submitted

1. Type of Notification: Original

2. Type of Operation: Demolition

3. Facility Description: Old Thrift Store

Commercial Name or Description: Open House ministries

Address: 915 W 13th Street

City/State/Zip/County: Vancouver, WA 98660 CLARK COUNTY

Present Use: Commercial

Previous Use: Commercial

4. Facility Information

Property Owner:

Property Owner: City of Vancouver

Mailing Address: PO Box 1995, Vancouver WA 98668

Contact: Tim Shell

Phone: 360-696-8290

5. Name and AHERA Certification Number of Asbestos Inspector:

Name: Brian Wehner

Certification #: IRO-23-7306B

6. Asbestos Removal Contractor (if applicable):

Name: Global Pacific Environmental Inc.

Mailing Address: PO Box 2759, Vancouver, WA, 98668

Contact: Kevin Crouse

Phone: Kevin Crouse

7. Dates Asbestos Removal Occurred:

Start: 1/13/2025

Complete: 1/13/2025

Asbestos Case No.: 24-880-0

8. Dates Demolition Will Occur:

Start: 1/27/2025

Complete: 2/14/2025

9. Demolition Contractor:

Name: Midway Underground, Inc

Mailing Address: PO Box 1107, Toledo, WA, 98591

Phone: 360-608-9923

10. Asbestos Disposal Site: N/A

11. Description of planned demolition work, method(s) to be used:

Structural Demolition of old thrift store to make site improvements.

12. Fugitive Emissions/dust from Demolition Activities MUST BE Controlled/Prevented during all phases of the project

Hydrant supplied water hose.

13. If unexpected Asbestos containing Material (ACM) is found during demolition, Stop Work, Notify SWCAA and Consult/Hire a Certified Asbestos Abatement Contractor

removal of acm prior to demolition

14. If demolition is ordered by a Government Agent:

15. For Emergency Demolitions (Contact SWCAA prior to work): **Emergency Demolition**

Date and Time of Emergency:

Description of Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable burden:

16. I Certify that the above information is correct:

Submitter Name: Kevin Crouse / Global Pacific Environmental

Representing: Global Pacific Environmental I

Submitter Title: VP Operations

Date Submitted: 1/2/2025

Email Address: kevin@globalpacific.info

Reviewed by SWCAA: Danielle Kreps

Danielle Kreps

Approved

The Washington State Dangerous Waste Regulations (WAC 173-303) require that demolition debris be evaluated to determine if it is dangerous. The evaluation should be completed before demolition to ensure that hazardous constituents are not released to the environment and do not present a risk to human health during or after demolition. These requirements apply to all buildings being demolished and are the responsibility of the property owner. The Washington Department of Ecology's website, <https://ecology.was.gov/Regulations-Permits/Guidance-technical-assistance/Dangerous-waste-guidance/Common-dangerous-waste/Construction-and-demolition>, provides more information about the requirements and about sampling and testing construction materials to determine if they present a risk. For more information please contact a Hazardous Waste Inspector at the Washington Department of Ecology Southwest Regional Office: (360) 407-6300.

Pre-Demolition Hazardous Building Materials Survey Report

Open House Ministries
915 W 13th Street
Vancouver, Washington 98660

Prepared for:
City of Vancouver, Public Works/Transportation Engineering
415 W 6th Street
Vancouver, Washington 98660

General Information	1.1
Inspection Summary	1.2
Hazardous Material Sample Inventories	2.1
Laboratory Data	Not Numbered
AHERA Certificate	Not Numbered

November 2024
PBS Project 78156.002, Phase 0004, Task 001



1325 SE TECH CENTER DR
SUITE 140
VANCOUVER, WA 98660
360.695.3488 MAIN
PBSUSA.COM

General Information

CLIENT DATA

City of Vancouver
415 W 6th Street
Vancouver, Washington 98660

BUILDING DATA

Open House Ministries
915 W 13th Street
Vancouver, Washington 98660

Survey Scope

PBS Engineering and Environmental LLC (PBS) has performed a pre-demolition hazardous building materials survey of accessible areas in the building located at 915 W 13th Street in Vancouver, Washington, and compiled this report with the following information:

- Inspection summary:
 - Asbestos-containing building materials (ACBMs)
 - Lead paint survey
 - Suspect polychlorinated biphenyl (PCB) containing materials and equipment
 - Mercury-containing light fixtures and equipment
- Hazardous materials sample inventories including laboratory analytical data of bulk materials sampled

With regards to asbestos, PBS endeavored to locate all assessable suspect asbestos-containing materials (ACMs) within the building; however, suspect ACMs may be present and concealed inside energized and/or inaccessible equipment and interstitial wall, ceiling, or floor spaces. If suspect materials are uncovered during demolition activities that are not identified in this report, testing should be performed prior to impact. Lead paint sampling is representative of only major components of the building.

PBS has conducted a physical inspection of the site; compiled this report consistent with the survey scope; and certifies that the information is correct and accurate within the standards of professional quality and contractual obligations.

Joe Lucas, CIH
Project Manager
Accreditation Number: IR-22-3527B

Signature

Date

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INSPECTION SUMMARY

DATES	SURVEYED BY	ACTIVITY
10/2024	Brian Wehner	Survey and Inspection
11/2024	Brian Wehner	Complete Report

PBS Engineering and Environmental LLC (PBS) has investigated accessible locations within the building to locate suspect asbestos-containing materials (ACMs). Suspect materials may be present in concealed areas (e.g., behind walls and under carpet). The findings are listed below.

ASBESTOS MATERIALS

The following materials either tested positive, or based on the experience of PBS field personnel, were not tested and should be considered asbestos-containing. Materials that had mixed results are considered positive. Materials that were not sampled may contain asbestos. If these materials will be impacted by demolition activities, they should be tested to verify asbestos content prior to impact.

(+) Tested Positive, (M) Mixed Results, (P) Presumed Positive, (T) Previously tested Positive, (SF) Square Feet, (LF) Linear Feet, (EA) Each, (NQ) Not Quantified.

See sample inventory for specific results.

Results	Material Description	Location	Details
(+) 40%	Brown Pebble Pattern Sheet Floor Covering (6)	1 st Floor; Exposed and Concealed in Thrift Store	2,200 SF, Friable, Good Condition, Response Action: Remove Prior to Demolition Activities
(+) <1%	Gray Granular Wall and Ceiling Plaster	Multiple Locations Throughout Building	NQ, Friable, Poor Condition, Response Action: Remove Prior to Demolition Activities

MATERIALS THAT TESTED NEGATIVE FOR ASBESTOS

The following materials tested negative based on Asbestos School Hazard Abatement Reauthorization Act (ASHARA) sampling minimums and testing by National Voluntary Laboratory Accreditation Program (NVLAP) participating laboratories. Although no asbestos was detected, it is possible that further sampling could indicate asbestos content.

Material	Location
2' x 4' White Lay-In Ceiling Tiles	Multiple Locations Throughout Building
Gray Leveling Compound	Multiple Locations Throughout Building
White Leveling Compound	First Floor; Thrift Store Office
Black, Flexible Window Sealant	First Floor; Multiple Locations
Yellow Carpet Mastic	Second Floor; South End of Hall
White Sink Undercoating	Multiple Locations Throughout Building

<p>Sheet Floor Covering and Associated Mastics</p> <ul style="list-style-type: none"> • Gray with Blue and Maroon Speckles • Yellow Faux Brick Pattern • Yellow Pebbled Pattern • Tan Pebble Pattern • Gray 9" Tile Pattern • Yellow and Orange • Beige, Tan, and Gray • Tan and Stone Patterned • 12" Pink Stone Pattern • 6" Decorative Pattern 	Multiple Locations Throughout Building
"Orange Peel" Wall Texture	Multiple Locations on Gypsum Wallboard
Gypsum Wallboard with Joint Compound	Multiple Locations Throughout Building
4" Vinyl Covebase (Various Colors) and Associated Cream Mastic	Multiple Locations Throughout Building
16" Ceramic Floor Tile with Associated Gray Grout and White Bedding Mortar	Multiple Locations Throughout Building
16" Gray Linoleum Floor Tile and Associated Yellow Mastic	First floor; Bike Storage Room
Gray Mortar and Associated Red Brick	Basement; Southeast Area Chimney
Cementitious Concrete Wall with Pebbles	Basement
Gray Blown-In Insulation	Attic
Silver Heat Shield with Associated Yellow Fibrous Insulation and Brown Mastic	Second Floor; East Middle Bedroom, On Light Fixture
White Window Glazing Compound	Second Floor; Stairwell, Middle Landing, West Windows
Tan Countertop Mastic	Second Floor; East Middle Bedroom
4" White Ceramic Wall Tile with Associated White Grout and Mastic	Second Floor; Middle East Residence Shower Wall
12" Red & White Vinyl Tile with Yellow Mastic	Multiple Locations Throughout Building
Gray Paper Vapor Barrier with Yellow Mastic	Second Floor; Northwest Room, Under Plywood Subfloor
Brown Translucent Wood Stain	Second Floor; North End of Hall, on Doorframe
Gray Fluffy Insulation	Second Floor; Behind Gypsum and Plaster Wall
Black Linoleum on White Fibrous Sheet Material	Bike Shop; Small Restroom
White/Gray Hard Siding	Exterior; Southeast Corner
Gray Flexible Door Caulking	Exterior of Bike Shop
Off-White and Gray Caulking	Roof; East Area, on Vent Seam and Parapet Wall Flashing
Built-Up Roofing	Roof; Throughout

BACKGROUND

In October 2024, PBS performed a pre-demolition hazardous building materials survey of accessible areas of Open House Ministries (Building) located at 915 W 13th Street in Vancouver, Washington. The survey was requested by the City of Vancouver in anticipation of planned demolition activities.

The purpose of the survey was to identify regulated hazardous building materials prior to demolition activities and satisfy the Washington State Department of Labor and Industries' (L&I) requirement that a "good faith inspection" for ACMs be conducted prior to renovation and demolition activities. The survey is intended to satisfy Occupational Safety and Health Administration (OSHA) hazard communication requirements as well as requirements by the Washington Administrative Code (WAC) to perform an asbestos inspection prior to renovation or demolition activities under WAC 296-62-07721 and WAC 296-155-176.

During the survey, samples were collected of all accessible suspect ACM and lead-containing paint. Asbestos samples were submitted under chain of custody to Eurofins LabCor in Portland, Oregon, for polarized light microscopy (PLM) asbestos analysis. Paint chips were collected from representative building components to quantify lead content. Lead samples were submitted under chain of custody to RJ Lee Group in Monroeville, Pennsylvania, for analysis by flame atomic absorption spectrometry (FLAAS).

In addition, representative light fixtures were inspected for polychlorinated biphenyl (PCB) containing ballasts and mercury-containing vapor light tubes.

BUILDING DESCRIPTIONS

The structure is a two-story wood framed building, with a full, unfinished basement. The building was previously used as a bike shop, a thrift store and residential spaces. Interior floor finishes include vinyl floor tile, sheet floor coverings, carpeting, original hardwood, and concrete. Wall finishes include gypsum wallboard systems, wood lathe and plaster, decorative wood, and concrete. Ceiling finishes include drop lay-in ceiling tile grid systems along with gypsum hard lids and wood lathe and plaster. The roof is made up of a built-up roofing system applied to a tongue and groove wood deck.

ASBESTOS SUMMARY

The building was inspected by a PBS Asbestos Hazard Emergency Response Act (AHERA) accredited inspector to determine the presence, location, and approximate quantity of ACM. Seventy-eight bulk samples of building materials, suspected of containing asbestos, were collected and submitted under chain of custody to Eurofins LabCor. The following materials were found to contain asbestos:

- Asbestos-containing brown pebble pattern sheet flooring with associated felt backing was found to exist in the first-floor thrift store. The material is concealed throughout much of the space beneath carpeting but also exists concealed as the bottom layer beneath four layers of non-asbestos sheet vinyl of various colors and patterns. This material was also found underneath carpeting and plywood flooring throughout the west side of the Thrift store on the first floor.
- Less than one percent (<1%) asbestos-containing gray wall and ceiling plaster exists in multiple locations throughout the building. The material is on a wood lathe substrate and was observed to be in fair to poor condition. The material is exposed in many locations, but also exists concealed above suspended ceiling systems.

Please refer to the asbestos materials inventory, asbestos bulk sample inventory, and laboratory reports for specific sample test results, descriptions, and locations.

Asbestos Regulations

PBS recommends that all ACM to be impacted by the project be removed prior to demolition activities. A qualified Washington State licensed asbestos abatement contractor should be employed to remove all such ACM according to all applicable local, state, and federal regulations.

Materials with <1% asbestos are not regulated by the Environmental Protection Agency (EPA) and may be disposed of as general construction debris. However, workers impacting these materials must adhere to regulatory requirements outlined in WAC 296-62-17712 (2) and training as outlined in WAC 296-62-07722 (5) and WAC 296-62-0728. Personal protective equipment and proper work practices are required pending the completion of a negative exposure assessment.

OSHA provides federal regulations governing asbestos (29 Code of Federal Regulations [CFR] Part 1926.1101). These regulations have made significant changes in work procedures and how ACMs are removed. OSHA believes that the single biggest concern is for workers who unknowingly or improperly disturb ACM. Hazard communication, training, personal protection, work practices, exposure monitoring, and recordkeeping are all major components of the regulation. Work impacting asbestos is subject to the requirements of various regulations, including, but not limited to 40 CFR Part 61, National Emission Standards for Hazardous Air Pollutants (NESHAPS); 40 CFR Part 763, AHERA; WAC 296-62 and 296-65; and Southwest Clean Air Agency (SWCAA).

LEAD SUMMARY

Paint was sampled for lead content for the sake of hazard communication. Ten paint chip samples were collected from representative interior and exterior painted building components. Samples were submitted under chain of custody to RJ Lee Group. Lead analysis results revealed the presence of lead in 4 of the 10 submitted samples, with concentrations ranging from 12.5 parts per million (ppm) to 679 ppm.

See the lead sample inventory section of this report for representative building components and corresponding results. Additionally, refer to the lead bulk sample inventory and laboratory reports for specific sample test results, descriptions, locations, and additional information. The paint testing conducted for this survey was limited in scope. The report information and testing results are not to be considered an exhaustive investigation of lead-containing paint on all building surfaces. All painted surfaces not identified in this report should be presumed to contain lead.

Lead-Containing Paint Regulations

The Consumer Product Safety Commission limit for lead in consumer paint products is 0.009% or 90 ppm or greater. The Department of Housing and Urban Development (HUD) and the EPA define lead-based paint as that which contains 0.5% or 5,000 ppm. Under OSHA, any lead concentration in paint that may become airborne during construction operations triggers requirements in the OSHA Lead in Construction Standard 29 CFR 1926.62 to protect employees impacting the paint.

L&I regulations for Lead in Construction (WAC 296-62-155) govern the impact of painted surfaces with detectable lead. The WAC standard outlines worker exposure limits, personal protection, and employer responsibility for exposure assessment, training, and recordkeeping. This applies to all work where employees may be exposed to lead. This includes demolition of structures where lead-containing materials are present.

Disposal

Under WAC 173-303 Dangerous Waste Regulations, waste characterization should be performed via Toxicity Characteristic Leaching Procedure in accordance with EPA Method 1311 for waste streams suspected of

containing lead prior to disposal. Refer to the WAC Dangerous Waste Regulations for proper disposal of lead-based painted demolition waste.

POLYCHLORINATED BIPHENYLS (PCBS) SUMMARY

PBS did not identify any PCB containing ballasts. Magnetic ballasts, regardless of "No PCBs" labeling, should be presumed to contain PCBs and be properly removed, stored, transported, and disposed of in accordance with applicable regulations. Because of the limited nature of the light fixture ballast investigation, PBS recommends that all light fixture ballasts be inspected prior to demolition activities. If there is visual evidence that a ballast is PCB-containing or there is suspicion of a PCB leak or spill, a qualified contractor should handle and dispose of the light ballast and contaminated fixtures.

PCB Regulations

In 1976, Congress banned PCB manufacturing in the United States due to their toxic effects. In July 1979, EPA phased out the processing and use of PCBs, except in totally enclosed equipment. Some sealants installed before the 1976 ban or after 1979 may contain PCBs. EPA prohibits the use or continued use of bulk products that contain 50 ppm or greater PCBs in accordance with 40 CFR, Part 761. In addition, EPA requires disposal of these materials in accordance with 40 CFR, section 761.62 – Disposal of PCB Bulk Product Waste.

PBS recommends that all PCB-containing materials and equipment be removed and disposed of in accordance with 40 CFR Part 761 and appropriate EPA guidance documents. All potential PCB handling and disposal should be performed by trained and experienced hazardous materials remediation professionals using appropriate engineering controls and work practices, in accordance with all applicable local, state and federal regulations pending an initial exposure assessment. See the project specifications and drawings regarding the project requirements for PCB handling and disposal.

MERCURY SUMMARY

Fluorescent light tubes and High-Intensity Discharge (HID) lights are suspected of containing mercury vapors. Two hundred and sixty-eight (268) 4-foot fluorescent light tubes and six (6) 8-foot fluorescent light tubes were observed in the Building. Fluorescent light tubes should be carefully handled, packaged, and recycled in the appropriate manner.

Mercury Regulations

Please refer to the following documents for requirements for removal and disposal of mercury-containing equipment:

1. US Environmental Protection Agency Toxic Substance Control Act, TSCA, (Code of Federal Regulations Title 40, Part 761)
2. US Department of Labor, Occupational Safety and Health Administration (OSHA)

This report is not suitable as a bid document or an asbestos abatement design. The purpose of this report is risk hazard communication only.

Attachments

Hazardous Material Inventories

Laboratory Data

AHERA Certifications

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0001	Lay-in Ceiling Tile (01)	1st floor, northeast corner of thrift store, 2'x4' white large and small pinholes lay-in ceiling tile		Eurofins LabCor PDX
	Layer: Layer 1	Description: Tan Ceiling Tile with White Surface	Analysis: No Asbestos Detected	
78156.002-0002	Lay-in Ceiling Tile (02)	1st floor, northeast corner of thrift store, 2'x4' white large fissures small pinholes lay-in ceiling tile		Eurofins LabCor PDX
	Layer: Layer 1	Description: Tan Ceiling Tile with White Surface	Analysis: No Asbestos Detected	
78156.002-0003	Lay-in Ceiling Tile (03)	1st floor, northeast corner of thrift store, 2'x4' white tiny pinhole and fissures lay-in ceiling tile		Eurofins LabCor PDX
	Layer: Layer 1	Description: Tan Ceiling Tile with White Surface	Analysis: No Asbestos Detected	
78156.002-0004	Lay-in Ceiling Tile (04)	1st floor, northeast corner of thrift store, 2'x4' white large fissure and large pinholes lay-in ceiling tile		Eurofins LabCor PDX
	Layer: Layer 1	Description: Tan Ceiling Tile with White Surface	Analysis: No Asbestos Detected	
78156.002-0005	Sheet Floor Covering (01)	1st floor, northeast area of thrift store on wood, gray with blue and maroon speckles sheet flooring		Eurofins LabCor PDX
	Layer: Layer 1	Description: Gray Sheet Flooring with Fibrous Backing	Analysis: No Asbestos Detected	
	Layer: Layer 2	Description: Brown Mastic	Analysis: No Asbestos Detected	
78156.002-0006	Leveling Compound (01)	1st floor, northeast area of thrift store on wood under carpet, gray leveling compound		Eurofins LabCor PDX
	Layer: Layer 1	Description: Gray Debris with thin white coating	Analysis: No Asbestos Detected	
78156.002-0007	Leveling Compound (02)	1st floor northeast area of thrift store office on wood under carpet, white leveling compound		Eurofins LabCor PDX
	Layer: Layer 1	Description: Gray Dust	Analysis: No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0008	Sheet Floor Covering (02-06)	1st floor northeast entry of thrift store on wood, yellow faux brick pattern, yellow pebbled pattern, gray sheet, tan pebble pattern with black mastic, brown pebble pattern		Eurofins LabCor PDX
		Layer:	Description:	Analysis:
		Layer 1	Tan Sheet Flooring with Fibrous Backing 1	No Asbestos Detected
		Layer 2	Tan Sheet Flooring with Fibrous Backing 2	No Asbestos Detected
		Layer 3	Off-White Mastic	No Asbestos Detected
		Layer 4	Gray Sheet Flooring with Fibrous Backing	No Asbestos Detected
		Layer 5	Tan Sheet Flooring with Fibrous Backing 3	No Asbestos Detected
		Layer 6	Black Mastic	No Asbestos Detected
		Layer 7	Gray/Black Sheet Flooring with Fibrous Backing	40% Chrysotile
78156.002-0009	Sheet Floor Covering (02-06)	1st floor, north entry of thrift store, yellow faux brick pattern, yellow pebbled pattern, gray sheet, tan pebble pattern with black mastic, brown pebble pattern		Eurofins LabCor PDX
		Layer:	Description:	Analysis:
		Layer 1	Tan Sheet Flooring with Fibrous Backing 1	No Asbestos Detected
		Layer 2	Tan Mastic	No Asbestos Detected
		Layer 3	Tan Sheet Flooring with Fibrous Backing 2	No Asbestos Detected
		Layer 4	Black Mastic	No Asbestos Detected
		Layer 5	Gray Sheet Flooring with Fibrous Backing	40% Chrysotile
78156.002-0010	Sealant (01)	1st floor, east storefront window between glass and frame, black flexible sealant		Eurofins LabCor PDX
		Layer:	Description:	Analysis:
		Layer 1	Black Caulk	No Asbestos Detected
78156.002-0011	Sealant (01)	1st floor, north storefront window between glass and frame, black flexible sealant		Eurofins LabCor PDX
		Layer:	Description:	Analysis:
		Layer 1	Black Caulk	No Asbestos Detected

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0012	Gypsum Wallboard/Joint Compound	1st floor, northeast thrift store area west wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Off-White Debris with Red Paint	No Asbestos Detected	
78156.002-0013	Wall Texture (01)	1st floor, northeast thrift store area west wall, heavy orange peel wall texture		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Off-White Debris with Red Paint	No Asbestos Detected	
78156.002-0014	Wall Texture (01)	1st floor, northeast thrift store area east wall, heavy orange peel wall texture		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Off-White Debris with Tan Paint	No Asbestos Detected	
78156.002-0015	Wall Texture (02)	1st floor, northeast thrift store office north wall, orange peel wall texture		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Off-White Texture with White Paint on paper	No Asbestos Detected	
78156.002-0016	Sheet Floor Covering (01)	1st floor, northwest thrift store area on wood under carpet, gray with blue and maroon speckles sheet flooring		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Tan Mastic	No Asbestos Detected	
	Layer 2	Off-White Sheet Flooring with Fibrous Backing	No Asbestos Detected	
78156.002-0017	Gypsum Wallboard/Joint Compound	1st floor, northwest thrift store area west wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Off-White Joint Compound with tan paint	No Asbestos Detected	
	Layer 2	Off-White Drywall with Brown Paper	No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>	
78156.002-0018	Covebase/Mastic (01)	1st floor, northwest thrift store restroom, 4" brown vinyl covebase with cream mastic		Eurofins LabCor PDX	
		Layer:	Description:		Analysis:
		Layer 1	Black Cove Base		No Asbestos Detected
	Layer 2	Off-White Mastic with white and red coating	No Asbestos Detected		
78156.002-0019	Sheet Floor Covering (02&01)	1st floor, northwest thrift store restroom on wood, yellow faux brick pattern sheet, gray with blue and maroon speckled sheet flooring		Eurofins LabCor PDX	
		Layer:	Description:		Analysis:
		Layer 1	Off-White Sheet Flooring with Fibrous Backing 1		No Asbestos Detected
		Layer 2	Off-White Sheet Flooring		No Asbestos Detected
	Layer 3	Dark Gray Fibrous Material with thin tan mastic	No Asbestos Detected		
78156.002-0020	Covebase/Mastic (02)	1st floor, northwest thrift store area, 4" tan vinyl covebase with cream mastic		Eurofins LabCor PDX	
		Layer:	Description:		Analysis:
	Layer 1	Tan Cove Base with thin off-white mastic	No Asbestos Detected		
78156.002-0021	Ceramic Tile/Grout (01)	1st floor, hall on wood subfloor, 16" ceramic tile with gray grout and white cementitious bedding/grout material		Eurofins LabCor PDX	
		Layer:	Description:		Analysis:
		Layer 1	Tan Ceramic Tile		No Asbestos Detected
		Layer 2	Brown Grout		No Asbestos Detected
	Layer 3	Gray Mortar (gray and tan)	No Asbestos Detected		
78156.002-0022	Linoleum (01)	1st floor bike storage room on wood, 16" gray linoleum floor tile with yellow mastic		Eurofins LabCor PDX	
		Layer:	Description:		Analysis:
		Layer 1	Gray Flooring		No Asbestos Detected
	Layer 2	Tan Mastic	No Asbestos Detected		
78156.002-0023	Wall and Ceiling Plaster	1st floor northeast thrift store above drop lay-in ceiling tile grid east wall on wood lathe, gray cementitious plaster with hair-like material		Eurofins LabCor PDX	
		Layer:	Description:		Analysis:
		Layer 1	Off-White Skim Coat with green painr		No Asbestos Detected
	Layer 2	Gray Plaster	No Asbestos Detected		

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>	
78156.002-0024	Gypsum Wallboard/Joint Compound	1st floor bike storage room north wall, white wallboard with white compound		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Off-White Joint Compound debris with green paint		Analysis: No Asbestos Detected
		Layer 2	Off-White Drywall with Brown Paper Debris		No Asbestos Detected
78156.002-0025	Sheet Floor Covering (06)	1st floor, northeast thrift area under carpet and plywood, brown pebbled sheet flooring		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Gray Sheet Flooring with Fibrous Backing and off-white coating		Analysis: 40% Chrysotile
78156.002-0026	Wall and Ceiling Plaster	Basement stairwell on wood lathe, gray granular plaster		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Off-White Plaster		Analysis: 2% Chrysotile
	Comments:	GRR Composite Total % Asbestos: 0.1119%			
78156.002-0027	Mortar	Basement southeast area chimney, red brick with gray mortar		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Red Ceramic Tile with white coating		Analysis: No Asbestos Detected
		Layer 2	Gray Grout		No Asbestos Detected
78156.002-0028	Gypsum Wallboard/Joint Compound	Basement northeast area, white wallboard with white compound		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Off-White Joint Compound Debris		Analysis: No Asbestos Detected
		Layer 2	Off-White Drywall with Brown Paper Debris		No Asbestos Detected
78156.002-0029	Concrete	Basement east wall, gray cementitious concrete with pebbles		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Gray Plaster with white paint		Analysis: No Asbestos Detected

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0030	Lay-in Ceiling Tile (05)	Basement northwest area, 2'x4' white pinholed lay-in ceiling tile		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Tan Ceiling Tile with White Surface	No Asbestos Detected	
78156.002-0031	Mastic (01)	2nd floor south end of hall under carpet on wood, yellow carpet mastic		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Tan Mastic	No Asbestos Detected	
78156.002-0032	Ceramic Tile/Grout (02)	2nd floor south end of hall, 16" terracotta ceramic tile with tan grout		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Tan Ceramic Tile	No Asbestos Detected	
	Layer 2	White Mortar (Trace)	No Asbestos Detected	
	Layer 3	Brown Grout	No Asbestos Detected	
78156.002-0033	Gypsum Wallboard/Joint Compound	2nd floor southwest thrift store area north wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	White Compound with Paint	No Asbestos Detected	
	Layer 2	Cream Tape	No Asbestos Detected	
	Layer 3	White Joint Compound	No Asbestos Detected	
	Layer 4	Off-White Drywall with Brown Paper	No Asbestos Detected	
78156.002-0034	Wall and Ceiling Plaster	2nd floor southeast thrift store west wall behind gypsum, gray granular plaster		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Gray Plaster	2% Chrysotile	
	Comments:	GRR Composite Total % Asbestos: <0.1197%		
78156.002-0035	Insulation (01)	2nd floor mens restroom attic space, gray blown-in insulation		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Brown Fibrous Material	No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0036	Wall and Ceiling Plaster	2nd floor hall at window to larger thrift store room, gray granular plaster		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Plaster	Analysis: 2% Chrysotile
	Comments: GRR Composite Total % Asbestos: 0.1376%			
78156.002-0037	Sink Undercoating (01)	2nd floor large east side thrift store room, white flakey sink undercoating		Eurofins LabCor PDX
		Layer: Layer 1	Description: Off-White Semi-Fibrous Material	Analysis: No Asbestos Detected
78156.002-0038	Heat Shield	2nd floor east middle bedroom on light fixture, silver reflective heat shield, yellow fibrous insulation with brown mastic		Eurofins LabCor PDX
		Layer: Layer 1	Description: Silver Coating with Yellow Mastic	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Light Brown Fibrous Material	Analysis: No Asbestos Detected
78156.002-0039	Gypsum Wallboard/Joint Compound	2nd floor top of stairwell south wall, white wallboard with white compound		Eurofins LabCor PDX
		Layer: Layer 1	Description: White Compound with Paint	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: White Drywall with Brown Paper	Analysis: No Asbestos Detected
78156.002-0040	Window Glazing Compound	2nd floor stairwell middle landing west windows between glass and wood frame , white firm window glazing		Eurofins LabCor PDX
		Layer: Layer 1	Description: Off-White Window Glazing with Debris	Analysis: No Asbestos Detected
78156.002-0041	Mastic (01)	2nd floor east middle bedroom, tan countertop mastic		Eurofins LabCor PDX
		Layer: Layer 1	Description: Tan Mastic with Brown Wood Fibers	Analysis: No Asbestos Detected

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0042	Sheet Floor Covering (07)	2nd floor middle east residence on wood, gray 9" tile pattern sheet flooring with gray mastic		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Tan Sheet Flooring with Fibrous Backing	No Asbestos Detected	
	Layer 2	Tan Mastic with Gray Leveling Compound	No Asbestos Detected	
78156.002-0043	Sheet Floor Covering (08)	2nd floor middle east residence under sheet flooring 07 and plywood, yellow and orange sheet flooring with black backing and brown mastic		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Yellow Sheet Flooring with Fibrous Backing	No Asbestos Detected	
	Layer 2	Brown Mastic	No Asbestos Detected	
78156.002-0044	Sheet Floor Covering (09)	2nd floor middle east residence bathroom, beige vinyl sheet flooring with yellow mastic		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Beige Sheet Flooring	No Asbestos Detected	
	Layer 2	Cream Mastic	No Asbestos Detected	
	Layer 3	Gray Leveling Compound	No Asbestos Detected	
78156.002-0045	Leveling Compound (03)	2nd floor middle east residence bathroom, gray leveling compound		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Gray Cementitious Material with Off-white Coating	No Asbestos Detected	
78156.002-0046	Covebase/Mastic (03)	2nd floor middle east residence bathroom, 4" beige vinyl covebase with tan mastic		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	Tan Cove Base	No Asbestos Detected	
	Layer 2	Tan Mastic	No Asbestos Detected	
78156.002-0047	Ceramic Tile/Grout (03)	2nd floor middle east residence bathroom shower wall, 4" white ceramic tile with white grout		Eurofins LabCor PDX
	Layer:	Description:	Analysis:	
	Layer 1	White Ceramic Tile	No Asbestos Detected	
	Layer 2	Off-White Grout	No Asbestos Detected	
	Layer 3	White Mastic with Green Paper	No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0048	Vinyl Floor Tile/Mastic (01)	2nd floor northeast residence kitchen on wood, 12" red vinyl floor tile with yellow mastic		Eurofins LabCor PDX
	Layer: Layer 1	Description: Red Floor Tile with thin transparent mastic	Analysis: No Asbestos Detected	
78156.002-0049	Vinyl Floor Tile/Mastic (02)	2nd floor northeast residence kitchen on wood, 12" white vinyl floor tile with yellow mastic		Eurofins LabCor PDX
	Layer: Layer 1	Description: Off-White Floor Tile	Analysis: No Asbestos Detected	
	Layer 2	Tan Mastic (tan and black)	No Asbestos Detected	
78156.002-0050	Sheet Floor Covering (10)	2nd floor northeast residence kitchen on wood, under vinyl floor tile and plywood, tan patterned sheet flooring with black backing		Eurofins LabCor PDX
	Layer: Layer 1	Description: Tan Flooring with black fibrous backing and wood	Analysis: No Asbestos Detected	
78156.002-0051	Sheet Floor Covering (11)	2nd floor northeast residence restroom on wood, stone pattern sheet flooring with yellow mastic		Eurofins LabCor PDX
	Layer: Layer 1	Description: Tan Sheet Flooring with thin yellow/tan mastic	Analysis: No Asbestos Detected	
78156.002-0052	Vapor Barrier (01)	2nd floor northwest bedroom under plywood and carpet, gray paper-like vapor barrier with yellow mastic		Eurofins LabCor PDX
	Layer: Layer 1	Description: Gray Fibrous Material with tan mastic	Analysis: No Asbestos Detected	
78156.002-0053	Sink Undercoating (01)	2nd floor northwest bedroom on stainless, white flakey sink undercoating		Eurofins LabCor PDX
	Layer: Layer 1	Description: Off-White Powdery Material	Analysis: No Asbestos Detected	
78156.002-0054	Sheet Floor Covering (12)	2nd floor northwest residence bathroom on wood, 12" pink stone pattern sheet flooring		Eurofins LabCor PDX
	Layer: Layer 1	Description: Tan Sheet Flooring with Fibrous Backing	Analysis: No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0055	Stain	2nd floor hall north end on wood doorframe, brown translucent stain		Eurofins LabCor PDX
		Layer: Layer 1	Description: Transparent Debris	Analysis: No Asbestos Detected
78156.002-0056	Insulation (02)	2nd floor hall by stairwell behind gypsum and plaster wall, gray fluffy insulation		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Insulation	Analysis: No Asbestos Detected
78156.002-0057	Wall Texture (02)	2nd floor hall by stairwell, orange peel wall texture		Eurofins LabCor PDX
		Layer: Layer 1	Description: White Compound with white paint	Analysis: No Asbestos Detected
78156.002-0058	Linoleum (02)	Bike shop small restroom, black linoleum on white fibrous sheet material		Eurofins LabCor PDX
		Layer: Layer 1	Description: Black Floor Tile with thin transparent mastic	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Light Gray Sheet Flooring with Fibrous Backing	Analysis: No Asbestos Detected
78156.002-0059	Gypsum Wallboard/Joint Compound	Bike shop storage south wall, white wallboard with white compound		Eurofins LabCor PDX
		Layer: Layer 1	Description: Off-White Joint Compound with gray paint	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Off-White Joint Compound with off-white tape	Analysis: No Asbestos Detected
		Layer: Layer 3	Description: Off-White Drywall with Brown Paper	Analysis: No Asbestos Detected
78156.002-0060	Wall and Ceiling Plaster	Bike shop storage north wall, gray granular plaster		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Plaster with off-white texture	Analysis: No Asbestos Detected

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>	
78156.002-0061	Sheet Floor Covering (13)	Bike shop north larger restroom on vinyl floor tile/mastic 03, beige 6" decorative pattern sheet flooring with yellow mastic		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Off-White Sheet Flooring with Fibrous Backing and trace tan mastic		Analysis: No Asbestos Detected
78156.002-0062	Vinyl Floor Tile/Mastic (03)	Bike shop north larger restroom on wood under sheet flooring 13, white vinyl floor tile with yellow mastic		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Off-White Floor Tile		Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Tan Mastic		Analysis: No Asbestos Detected
78156.002-0063	Sheet Floor Covering (14)	Bike shop north larger restroom on wood under sheet flooring 13 and vinyl floor tile and plywood, tan sheet flooring with black mastic		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Tan Sheet Flooring with Fibrous Backing		Analysis: No Asbestos Detected
		Layer: Layer 2	Description: White Leveling Compound		Analysis: No Asbestos Detected
		Layer: Layer 3	Description: Brown/Black Mastic		Analysis: No Asbestos Detected
78156.002-0064	Vinyl Floor Tile/Mastic (04)	Bike shop northwest area under wall, vinyl floor tile with black/yellow mastic		Eurofins LabCor PDX	
		Layer: Layer 1	Description: Off-White Floor Tile		Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Brown/Black Mastic		Analysis: No Asbestos Detected
78156.002-0065	Gypsum Wallboard/Joint Compound	Bike shop northeast area north wall, white wallboard with white compound		Eurofins LabCor PDX	
		Layer: Layer 1	Description: White Compound with Paint		Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Cream Tape		Analysis: No Asbestos Detected
		Layer: Layer 3	Description: White Joint Compound		Analysis: No Asbestos Detected
		Layer: Layer 4	Description: White Drywall with Brown Paper		Analysis: No Asbestos Detected
78156.002-0066	Wall and Ceiling Plaster	Bike shop northeast area west wall, by pillar, gray granular plaster		Eurofins LabCor PDX	
		Layer: Layer 1	Description: White Compound with Paint		Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Gray/White Plaster Debris		Analysis: No Asbestos Detected
		Layer: Layer 3	Description: Brown Wood Fibers		Analysis: No Asbestos Detected

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0067	Siding	Exterior southeast corner, white/gray hard siding		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Cementitious Material	Analysis: No Asbestos Detected
78156.002-0068	Caulk (01)	Exterior southeast corner, white flexible caulking		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Sealant with Off-White Fibrous Material	Analysis: No Asbestos Detected
78156.002-0069	Vapor Barrier (02)	Exterior southeast corner behind siding, brown felt paper vapor barrier		Eurofins LabCor PDX
		Layer: Layer 1	Description: Brown Fibrous Material with Debris	Analysis: No Asbestos Detected
78156.002-0070	Vapor Barrier (03)	Exterior east elevation behind siding, dark brown felt paper vapor barrier		Eurofins LabCor PDX
		Layer: Layer 1	Description: Brown/Black Fibrous Material	Analysis: No Asbestos Detected
78156.002-0071	Vapor Barrier (03)	Exterior west elevation behind siding, dark brown felt paper vapor barrier		Eurofins LabCor PDX
		Layer: Layer 1	Description: Brown/Black Fibrous Material	Analysis: No Asbestos Detected
78156.002-0072	Siding	Exterior west elevation, white/gray hard siding		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Sealant with Paint	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Tan Fiberboard	Analysis: No Asbestos Detected
78156.002-0073	Caulk (02)	Exterior of bike shop around perimeter of metal doorframe, gray flexible caulking		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Sealant with Paint	Analysis: No Asbestos Detected
78156.002-0074	Caulk (03)	Roof, east area on metal parapet wall flashing at seam, gray flexible caulking		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Sealant	Analysis: No Asbestos Detected

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
78156.002-0075	Caulk (04)	Roof, east area on vent seam, off-white rubbery caulking		Eurofins LabCor PDX
		Layer: Layer 1	Description: Gray Sealant	Analysis: No Asbestos Detected
78156.002-0076	Built-up Roofing	Roof, south end at cant, graveled asphaltic roll-out cap sheet, asphaltic tar, brown felt paper vapor barrier on wood		Eurofins LabCor PDX
		Layer: Layer 1	Description: Black Roofing Material with White Rocks	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Black Roofing Material with Transparent Coating	Analysis: No Asbestos Detected
		Layer: Layer 3	Description: Black Roofing Tar and Felt	Analysis: No Asbestos Detected
78156.002-0077	Built-up Roofing	Roof, middle of field, graveled asphaltic roll-out cap sheet, asphaltic tar, brown felt paper vapor barrier on wood		Eurofins LabCor PDX
		Layer: Layer 1	Description: Black Roofing Material with White Rocks	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Black Roofing Material with Transparent Coating	Analysis: No Asbestos Detected
		Layer: Layer 3	Description: Black Roofing Tar and Felt	Analysis: No Asbestos Detected
78156.002-0078	Built-up Roofing	Roof, north end parapet wall, graveled asphaltic roll-out cap sheet, asphaltic tar, brown felt paper vapor barrier on wood		Eurofins LabCor PDX
		Layer: Layer 1	Description: Black Roofing Material with White Rocks	Analysis: No Asbestos Detected
		Layer: Layer 2	Description: Black Roofing Material with Transparent Coating	Analysis: No Asbestos Detected
		Layer: Layer 3	Description: Black Roofing Tar and Felt	Analysis: No Asbestos Detected

<u>Code</u>	<u>Material</u>	<u>Analysis</u>	<u>Location</u>	<u>Lab</u>
PAINT				
LB78156.002-1001	Paint	<12.4 ppm	1st floor northeast thrift store; east wall, gypsum, tan, intact	R.J. Lee Group
LB78156.002-1002	Paint	<12.2 ppm	1st floor northeast thrift store; south wall, gypsum, burnt sienna, intact	R.J. Lee Group
LB78156.002-1003	Paint	<17.2 ppm	1st floor thrift store; doorframe, wood, brown, intact	R.J. Lee Group
LB78156.002-1004	Paint	<12.1 ppm	1st floor bike storage; north wall, gypsum, olive gray, intact	R.J. Lee Group
LB78156.002-1005	Paint	<12.3 ppm	Basement stairwell; ceiling, plaster, white, damaged	R.J. Lee Group
LB78156.002-1006	Paint	679 ppm	2nd floor north end of hall northwest; wall, gypsum, off-white, intact	R.J. Lee Group
LB78156.002-1007	Paint	21.0 ppm	Bike shop east area; doorframe, wood, black, intact	R.J. Lee Group
LB78156.002-1008	Paint	33.9 ppm	Bike shop south area; south wall, gypsum, dark brown, intact	R.J. Lee Group
LB78156.002-1009	Paint	<13.2 ppm	Exterior bike shop; doorframe, metal, brown, intact	R.J. Lee Group
LB78156.002-1010	Paint	12.5 ppm	Exterior south elevation; electrical box, metal, tan, intact	R.J. Lee Group

Report for:

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

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 78156.002 Phase 0004 Task 001
EML ID: 3831284

Approved by:

Dates of Analysis:
Asbestos PLM: 10-29-2024 to 10-31-2024



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: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Total Samples Submitted:	78
Total Samples Analyzed:	78
Total Samples with Layer Asbestos Content > 1%:	6

Location: 78156.002-0001

Lab ID-Version‡: 18933483-1

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

Location: 78156.002-0002

Lab ID-Version‡: 18933484-1

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

Location: 78156.002-0003

Lab ID-Version‡: 18933485-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0004

Lab ID-Version‡: 18933486-1

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

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.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

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: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0005

Lab ID-Version‡: 18933487-1

Sample Layers	Asbestos Content
Gray Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	50% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0006

Lab ID-Version‡: 18933488-1

Sample Layers	Asbestos Content
Gray Debris with thin white coating	ND
Sample Composite Homogeneity:	Poor

Location: 78156.002-0007

Lab ID-Version‡: 18933489-1

Sample Layers	Asbestos Content
Gray Dust	ND
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0008

Lab ID-Version‡: 18933490-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing 1	ND
Tan Sheet Flooring with Fibrous Backing 2	ND
Off-White Mastic	ND
Gray Sheet Flooring with Fibrous Backing	ND
Tan Sheet Flooring with Fibrous Backing 3	ND
Black Mastic	ND
Gray/Black Sheet Flooring with Fibrous Backing	40% Chrysotile
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: PBS Engineering and Environmental: Portland
 C/O: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0009

Lab ID-Version‡: 18933491-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing 1	ND
Tan Mastic	ND
Tan Sheet Flooring with Fibrous Backing 2	ND
Black Mastic	ND
Gray Sheet Flooring with Fibrous Backing	40% Chrysotile
Composite Non-Asbestos Content:	50% Cellulose
Sample Composite Homogeneity:	Poor

Location: 78156.002-0010

Lab ID-Version‡: 18933492-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0011

Lab ID-Version‡: 18933493-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0012

Lab ID-Version‡: 18933494-1

Sample Layers	Asbestos Content
Off-White Debris with Red Paint	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

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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.

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Client: PBS Engineering and Environmental: Portland
 C/O: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0013

Lab ID-Version‡: 18933495-1

Sample Layers	Asbestos Content
Off-White Debris with Red Paint	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0014

Lab ID-Version‡: 18933496-1

Sample Layers	Asbestos Content
Off-White Debris with Tan Paint	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0015

Lab ID-Version‡: 18933497-1

Sample Layers	Asbestos Content
Off-White Texture with White Paint on paper	ND
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0016

Lab ID-Version‡: 18933498-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Off-White Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

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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.

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Client: PBS Engineering and Environmental: Portland
 C/O: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0017

Lab ID-Version‡: 18933499-1

Sample Layers	Asbestos Content
Off-White Joint Compound with tan paint	ND
Off-White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 78156.002-0018

Lab ID-Version‡: 18933500-1

Sample Layers	Asbestos Content
Black Cove Base	ND
Off-White Mastic with white and red coating	ND
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0019

Lab ID-Version‡: 18933501-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing 1	ND
Off-White Sheet Flooring	ND
Dark Gray Fibrous Material with thin tan mastic	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0020

Lab ID-Version‡: 18933502-1

Sample Layers	Asbestos Content
Tan Cove Base with thin off-white mastic	ND
Sample Composite Homogeneity:	Moderate

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Client: PBS Engineering and Environmental: Portland
 C/O: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0021

Lab ID-Version‡: 18933503-1

Sample Layers	Asbestos Content
Tan Ceramic Tile	ND
Brown Grout	ND
Gray Mortar (gray and tan)	ND
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0022

Lab ID-Version‡: 18933504-1

Sample Layers	Asbestos Content
Gray Flooring	ND
Tan Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0023

Lab ID-Version‡: 18933505-1

Sample Layers	Asbestos Content
Off-White Skim Coat with green painr	ND
Gray Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0024

Lab ID-Version‡: 18933506-1

Sample Layers	Asbestos Content
Off-White Joint Compound debris with green paint	ND
Off-White Drywall with Brown Paper Debris	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

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 C/O: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0025

Lab ID-Version‡: 18933507-1

Sample Layers	Asbestos Content
Gray Sheet Flooring with Fibrous Backing and off-white coating	40% Chrysotile
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: 78156.002-0026

Lab ID-Version‡: 18933508-1

Sample Layers	Asbestos Content
Off-White Plaster	2% Chrysotile
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0027

Lab ID-Version‡: 18933509-1

Sample Layers	Asbestos Content
Red Ceramic Tile with white coating	ND
Gray Grout	ND
Sample Composite Homogeneity:	Poor

Location: 78156.002-0028

Lab ID-Version‡: 18933510-1

Sample Layers	Asbestos Content
Off-White Joint Compound Debris	ND
Off-White Drywall with Brown Paper Debris	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

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 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0029

Lab ID-Version‡: 18933511-1

Sample Layers	Asbestos Content
Gray Plaster with white paint	ND
Sample Composite Homogeneity: Poor	

Location: 78156.002-0030

Lab ID-Version‡: 18933512-1

Sample Layers	Asbestos Content
Tan Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	40% Cellulose 30% Glass Fibers
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0031

Lab ID-Version‡: 18933513-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0032

Lab ID-Version‡: 18933514-1

Sample Layers	Asbestos Content
Tan Ceramic Tile	ND
White Mortar (Trace)	ND
Brown Grout	ND
Sample Composite Homogeneity: Moderate	

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 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0033

Lab ID-Version‡: 18933515-1

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

Location: 78156.002-0034

Lab ID-Version‡: 18933516-1

Sample Layers	Asbestos Content
Gray Plaster	2% Chrysotile
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0035

Lab ID-Version‡: 18933517-1

Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0036

Lab ID-Version‡: 18933518-1

Sample Layers	Asbestos Content
Gray Plaster	2% Chrysotile
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: PBS Engineering and Environmental: Portland
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 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0037

Lab ID-Version‡: 18933519-1

Sample Layers	Asbestos Content
Off-White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Good

Location: 78156.002-0038

Lab ID-Version‡: 18933520-1

Sample Layers	Asbestos Content
Silver Coating with Yellow Mastic	ND
Light Brown Fibrous Material	ND
Composite Non-Asbestos Content:	70% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0039

Lab ID-Version‡: 18933521-1

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: 78156.002-0040

Lab ID-Version‡: 18933522-1

Sample Layers	Asbestos Content
Off-White Window Glazing with Debris	ND
Sample Composite Homogeneity:	Good

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 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0041

Lab ID-Version‡: 18933523-1

Sample Layers	Asbestos Content
Tan Mastic with Brown Wood Fibers	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0042

Lab ID-Version‡: 18933524-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Tan Mastic with Gray Leveling Compound	ND
Composite Non-Asbestos Content:	15% Cellulose 3% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0043

Lab ID-Version‡: 18933525-1

Sample Layers	Asbestos Content
Yellow Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	50% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0044

Lab ID-Version‡: 18933526-1

Sample Layers	Asbestos Content
Beige Sheet Flooring	ND
Cream Mastic	ND
Gray Leveling Compound	ND
Composite Non-Asbestos Content:	3% Glass Fibers
Sample Composite Homogeneity:	Moderate

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 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0045

Lab ID-Version‡: 18933527-1

Sample Layers	Asbestos Content
Gray Cementitious Material with Off-white Coating	ND
Sample Composite Homogeneity: Good	

Location: 78156.002-0046

Lab ID-Version‡: 18933528-1

Sample Layers	Asbestos Content
Tan Cove Base	ND
Tan Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0047

Lab ID-Version‡: 18933529-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
Off-White Grout	ND
White Mastic with Green Paper	ND
Composite Non-Asbestos Content: 2% Cellulose	
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0048

Lab ID-Version‡: 18933530-1

Sample Layers	Asbestos Content
Red Floor Tile with thin transparent mastic	ND
Sample Composite Homogeneity: Moderate	

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Client: PBS Engineering and Environmental: Portland
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 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0049

Lab ID-Version‡: 18933531-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Tan Mastic (tan and black)	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0050

Lab ID-Version‡: 18933532-1

Sample Layers	Asbestos Content
Tan Flooring with black fibrous backing and wood	ND
Composite Non-Asbestos Content:	50% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0051

Lab ID-Version‡: 18933533-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with thin yellow/tan mastic	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0052

Lab ID-Version‡: 18933534-1

Sample Layers	Asbestos Content
Gray Fibrous Material with tan mastic	ND
Composite Non-Asbestos Content:	30% Cellulose 20% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0053

Lab ID-Version‡: 18933535-1

Sample Layers	Asbestos Content
Off-White Powdery Material	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 78156.002-0054

Lab ID-Version‡: 18933536-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	20% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0055

Lab ID-Version‡: 18933537-1

Sample Layers	Asbestos Content
Transparent Debris	ND
Sample Composite Homogeneity:	Poor

Location: 78156.002-0056

Lab ID-Version‡: 18933538-1

Sample Layers	Asbestos Content
Gray Insulation	ND
Composite Non-Asbestos Content:	90% Cellulose
Sample Composite Homogeneity:	Moderate

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Date of Receipt: 10-28-2024
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ASBESTOS PLM REPORT

Location: 78156.002-0057

Lab ID-Version‡: 18933539-1

Sample Layers	Asbestos Content
White Compound with white paint	ND
Sample Composite Homogeneity: Poor	

Location: 78156.002-0058

Lab ID-Version‡: 18933540-1

Sample Layers	Asbestos Content
Black Floor Tile with thin transparent mastic	ND
Light Gray Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity: Moderate	

Location: 78156.002-0059

Lab ID-Version‡: 18933541-1

Sample Layers	Asbestos Content
Off-White Joint Compound with gray paint	ND
Off-White Joint Compound with off-white tape	ND
Off-White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity: Poor	

Location: 78156.002-0060

Lab ID-Version‡: 18933542-1

Sample Layers	Asbestos Content
Gray Plaster with off-white texture	ND
Sample Composite Homogeneity: Moderate	

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Date of Receipt: 10-28-2024
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ASBESTOS PLM REPORT

Location: 78156.002-0061

Lab ID-Version‡: 18933543-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing and trace tan mastic	ND
Composite Non-Asbestos Content:	40% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0062

Lab ID-Version‡: 18933544-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0063

Lab ID-Version‡: 18933545-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
White Leveling Compound	ND
Brown/Black Mastic	ND
Composite Non-Asbestos Content:	20% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0064

Lab ID-Version‡: 18933546-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Brown/Black Mastic	ND
Sample Composite Homogeneity:	Moderate

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Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0065

Lab ID-Version‡: 18933547-1

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:	Moderate

Location: 78156.002-0066

Lab ID-Version‡: 18933548-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
Gray/White Plaster Debris	ND
Brown Wood Fibers	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Poor

Location: 78156.002-0067

Lab ID-Version‡: 18933549-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Good

Location: 78156.002-0068

Lab ID-Version‡: 18933550-1

Sample Layers	Asbestos Content
Gray Sealant with Off-White Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: PBS Engineering and Environmental: Portland
 C/O: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0069

Lab ID-Version‡: 18933551-1

Sample Layers	Asbestos Content
Brown Fibrous Material with Debris	ND
Composite Non-Asbestos Content:	85% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0070

Lab ID-Version‡: 18933552-1

Sample Layers	Asbestos Content
Brown/Black Fibrous Material	ND
Composite Non-Asbestos Content:	85% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0071

Lab ID-Version‡: 18933553-1

Sample Layers	Asbestos Content
Brown/Black Fibrous Material	ND
Composite Non-Asbestos Content:	85% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0072

Lab ID-Version‡: 18933554-1

Sample Layers	Asbestos Content
Gray Sealant with Paint	ND
Tan Fiberboard	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Moderate

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

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: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0073

Lab ID-Version‡: 18933555-1

Sample Layers	Asbestos Content
Gray Sealant with Paint	ND
Sample Composite Homogeneity: Good	

Location: 78156.002-0074

Lab ID-Version‡: 18933556-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity: Good	

Location: 78156.002-0075

Lab ID-Version‡: 18933557-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity: Good	

Location: 78156.002-0076

Lab ID-Version‡: 18933558-1

Sample Layers	Asbestos Content
Black Roofing Material with White Rocks	ND
Black Roofing Material with Transparent Coating	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	10% Glass Fibers 5% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

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: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 10-31-2024

ASBESTOS PLM REPORT

Location: 78156.002-0077

Lab ID-Version‡: 18933559-1

Sample Layers	Asbestos Content
Black Roofing Material with White Rocks	ND
Black Roofing Material with Transparent Coating	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	10% Glass Fibers 5% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 78156.002-0078

Lab ID-Version‡: 18933560-1

Sample Layers	Asbestos Content
Black Roofing Material with White Rocks	ND
Black Roofing Material with Transparent Coating	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	10% Glass Fibers 5% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

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: John Yuly
Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
Date of Report: 10-31-2024

ASBESTOS PLM REPORT

PROJECT ANALYSTS AND SIGNATORY REPORT

Project Analysts



Analyst: Tim Cammann



Analyst: Samantha Layne

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.

‡ 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".



003831284

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 78156.002 **Phase** 0004 **Task** 001

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: October 28, 2024

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

John Yohn
Name

[Signature] 10/28 11:12
Authorized Signature Date Time

RECEIVER

Date Received: 10/28/24

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

Mark Donohue
Name

[Signature] 10/28/24 11:25
Authorized Signature Date Time

Sender's ID No.	Brief Description	Receiver's ID No.
78156.002-0001	_____	_____
78156.002-0002	_____	_____
78156.002-0003	_____	_____
78156.002-0004	_____	_____
78156.002-0005	_____	_____
78156.002-0006	_____	_____
78156.002-0007	_____	_____
78156.002-0008	_____	_____
78156.002-0009	_____	_____
78156.002-0010	_____	_____
78156.002-0011	_____	_____
78156.002-0012	_____	_____
78156.002-0013	_____	_____
78156.002-0014	_____	_____



TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

78156.002-0015	_____	_____
78156.002-0016	_____	_____
78156.002-0017	_____	_____
78156.002-0018	_____	_____
78156.002-0019	_____	_____
78156.002-0020	_____	_____
78156.002-0021	_____	_____
78156.002-0022	_____	_____
78156.002-0023	_____	_____
78156.002-0024	_____	_____
78156.002-0025	_____	_____
78156.002-0026	_____	_____
78156.002-0027	_____	_____
78156.002-0028	_____	_____
78156.002-0029	_____	_____
78156.002-0030	_____	_____
78156.002-0031	_____	_____
78156.002-0032	_____	_____
78156.002-0033	_____	_____
78156.002-0034	_____	_____
78156.002-0035	_____	_____
78156.002-0036	_____	_____
78156.002-0037	_____	_____
78156.002-0038	_____	_____
78156.002-0039	_____	_____



TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

78156.002-0040	_____	_____
78156.002-0041	_____	_____
78156.002-0042	_____	_____
78156.002-0043	_____	_____
78156.002-0044	_____	_____
78156.002-0045	_____	_____
78156.002-0046	_____	_____
78156.002-0047	_____	_____
78156.002-0048	_____	_____
78156.002-0049	_____	_____
78156.002-0050	_____	_____
78156.002-0051	_____	_____
78156.002-0052	_____	_____
78156.002-0053	_____	_____
78156.002-0054	_____	_____
78156.002-0055	_____	_____
78156.002-0056	_____	_____
78156.002-0057	_____	_____
78156.002-0058	_____	_____
78156.002-0059	_____	_____
78156.002-0060	_____	_____
78156.002-0061	_____	_____
78156.002-0062	_____	_____
78156.002-0063	_____	_____
78156.002-0064	_____	_____



003831284

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAM

78156.002-0065	_____	_____
78156.002-0066	_____	_____
78156.002-0067	_____	_____
78156.002-0068	_____	_____
78156.002-0069	_____	_____
78156.002-0070	_____	_____
78156.002-0071	_____	_____
78156.002-0072	_____	_____
78156.002-0073	_____	_____
78156.002-0074	_____	_____
78156.002-0075	_____	_____
78156.002-0076	_____	_____
78156.002-0077	_____	_____
78156.002-0078	_____	_____

Please analyze the enclosed 78 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: 72 Hour

SPECIAL INSTRUCTIONS: *24*

Report for:

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

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 78156.002 Phase 0004 Task 001
EML ID: 3831284

Approved by:

Dates of Analysis:

Asbestos-Gravimetric 400 Point Count: 11-06-2024



Technical Manager
Ryan Talaski-Brown

Service SOPs: Asbestos-Gravimetric 400 Point Count (EM-AS-S-1264)
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. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

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: John Yuly
 Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
 Date of Report: 11-06-2024

ASBESTOS GRAVIMETRIC PT. COUNT REPORT

Location:	78156.002-0026		
Sample Layer	Asbestos Type	Asbestos Points Counted	Asbestos Concentration§
Off-White Plaster	Chrysotile	1	0.1119%
Layer Asbestos Totals:		1	0.1119%
Total Points Counted: 400	Organic Component: 9.6628%		
	Acid Soluble Component: 45.5884%		
Lab ID-Version‡: 18971969-1	Acid Insoluble Inorganic Component: 44.7488%		

Location:	78156.002-0034		
Sample Layer	Asbestos Type	Asbestos Points Counted	Asbestos Concentration§
Gray Plaster	Chrysotile	0	< 0.1197%
Layer Asbestos Totals:		0	< 0.1197%
Total Points Counted: 400	Organic Component: 8.4507%		
	Acid Soluble Component: 43.6620%		
Lab ID-Version‡: 18971970-1	Acid Insoluble Inorganic Component: 47.8873%		

Comments: Chrysotile observed but no points were counted.

Location:	78156.002-0036		
Sample Layer	Asbestos Type	Asbestos Points Counted	Asbestos Concentration§
Gray Plaster	Chrysotile	1	0.1376%
Layer Asbestos Totals:		1	0.1376%
Total Points Counted: 400	Organic Component: 7.1839%		
	Acid Soluble Component: 37.7958%		
Lab ID-Version‡: 18971971-1	Acid Insoluble Inorganic Component: 55.0203%		

§The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and then converted to percentage using the final residual weight of the sample.

Each sample was separated into a representative subsample and analyzed individually. The subsample was ashed and dissolved in acid to achieve the final residual weight. The residual material was point counted following the quantitative guidelines in EPA Method 600/R-93/116.

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.

‡ 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: John Yuly
Re: 78156.002 Phase 0004 Task 001

Date of Receipt: 10-28-2024
Date of Report: 11-06-2024

ASBESTOS GRAVIMETRIC PT. COUNT REPORT

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Tim Cammann

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.

‡ 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".

LABORATORY REPORT

PBS Engineering & Environmental
 4412 South Corbett Ave
 Portland, OR 97239

Attn: John Yuly
 Phone: 503-248-1939

Email: john.yuly@pbsusa.com

RJ Lee Group Job No.: PA291020240018
 Samples Received: October 29, 2024
 Report Date: November 1, 2024
 Client Project: 78156.002 Phase 0004 Task 001
 Purchase Order No.: N/A
 Matrix: Solid
 Prep/Analysis: EPA 3050B / EPA 6010C-Paint

Client Sample ID	RJ Lee Group ID	Sampling Date	Analyte	Sample Concentration		Minimum Reporting Limit		Analysis Date	Q
				Weight Percent (%)	Parts per Million (PPM) - mg/kg	Weight Percent (%)	Parts per Million (PPM) - mg/kg		
LB78156.002-1001	PA291020240018-001	NP	Lead	< 0.00124	< 12.4	0.00124	12.4	11/01/2024	A
LB78156.002-1002	PA291020240018-002	NP	Lead	< 0.00122	< 12.2	0.00122	12.2	11/01/2024	A
LB78156.002-1003	PA291020240018-003	NP	Lead	< 0.00172	< 17.2	0.00172	17.2	11/01/2024	A
LB78156.002-1004	PA291020240018-004	NP	Lead	< 0.00121	< 12.1	0.00121	12.1	11/01/2024	A
LB78156.002-1005	PA291020240018-005	NP	Lead	< 0.00123	< 12.3	0.00123	12.3	11/01/2024	A
LB78156.002-1006	PA291020240018-006	NP	Lead	0.0679	679	0.00122	12.2	11/01/2024	A
LB78156.002-1007	PA291020240018-007	NP	Lead	0.00210	21.0	0.00124	12.4	11/01/2024	A
LB78156.002-1008	PA291020240018-008	NP	Lead	0.00339	33.9	0.00123	12.3	11/01/2024	A
LB78156.002-1009	PA291020240018-009	NP	Lead	< 0.00132	< 13.2	0.00132	13.2	11/01/2024	A
LB78156.002-1010	PA291020240018-010	NP	Lead	0.00125	12.5	0.00125	12.5	11/01/2024	A

Comments:

Report Qualifiers (Q):

P : PA-DEP Accredited (PA DEP Lab ID 02-00396, NELAP)
N : NY ELAP Accredited (NY ELAP Lab Code 10884)

A: AIHA LAP, LLC Accredited (Lab ID 100364)

— : Test (analyte-matrix-preparation-analysis) is performed under RJLG's General Quality System requirements and is not part of any of the above scopes of accreditations

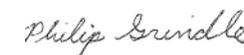
E = Value above highest calibration standard
J = Value below lowest calibration standard but above MDL (Method Detection Limit)
L = LCS (Laboratory Control Standard)/SRM (Standard Reference Material) recovery outside accepted recovery limits
H = Holding times for preparation or analysis exceeded

B = Analyte detected in the associated Method Blank
S = Spike Recovery outside accepted limits
R = RPD (relative percent difference) outside accepted limits
D = RL (reporting limit verification) outside accepted limits
NP = Not Provided

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of thirty (30) days before discarding. A shipping and handling fee will be assessed for the return of any samples.

This laboratory operates in accord with ISO 17025:2017 guidelines, and holds a limited scope of accreditations under different accrediting agencies; refer to <http://www.rjl.com/about-us/accreditations/> for more information and current status. Unless it is specifically stated otherwise (under the Q column using the appropriate accrediting agency qualifier(s)) the work contained in this report is performed under RJLG's General Quality System requirements and is not part of any scope of accreditations. This report may not be used to claim product endorsement by any laboratory accrediting agency. The results contained in this report relate only to the items tested or to the sample(s) as received by the laboratory. Any reproduction of this document must be in full for the report to be valid.

Unless otherwise noted (either in the comments section of the report and/or with the appropriate qualifiers under the report qualifiers (Q) column) the following apply: (a) Samples were received in good condition, (b) All QC samples are within acceptable established limits, (c) All samples designated as NELAP meet the requirements of the NELAC standard; if not applicable qualifiers will be used to designate the non-compliance and (d) Results have not been blank corrected. Quality Control data is available upon request.



Philip Grindle
 Laboratory Manager Inorganic Chemistry



PA291020240018

TRANSMITTAL AND CHAIN OF CUSTODY FOR LEAD BULK SAMPLES

Project No.: 78156.002 Phase 0004 Task 001

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: October 28, 2024

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

John Yohn
Name

AS
Authorized Signature

10/28
Date

RECEIVER

Date Received: 10/29/24 1050AM

Company: R.J. Lee Group
Address: 350 Hochberg Road
Monroeville, PA 15146
724-325-1776

Charis Bianazzo
Name

Authorized Signature

10/29/24 1050AM
Date

Sender's ID No.

Brief Description

Receiver's ID No.

- LB78156.002-1001
LB78156.002-1002
LB78156.002-1003
LB78156.002-1004
LB78156.002-1005
LB78156.002-1006
LB78156.002-1007
LB78156.002-1008
LB78156.002-1009
LB78156.002-1010

Table with 3 columns: Sender's ID No., Brief Description, Receiver's ID No. containing 10 rows of sample IDs and empty description/receiver ID fields.



TRANSMITTAL AND CHAIN OF CUSTODY FOR LEAD BULK SAMPLES

ANALYSIS REQUESTED:

- LEAD:**
- Paint
 - Wipe
 - Soil/Misc.
 - Air
 - TCLP

Please analyze the enclosed 10 sample(s) for LEAD content using Atomic Absorption Method. PBS requests prior notification if samples will be disposed.

Please fax and mail the results to the above address.

TURNAROUND DESIRED:

72 Hour

SPECIAL INSTRUCTIONS:

24

THIS IS TO CERTIFY THAT

BRIAN WEHNER

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ONLINE AHERA ASBESTOS INSPECTOR REFRESHER

In accordance with TSCA Title II, Part 763, Subpart E, Appendix C of 40 CFR

Course Date: 12/19/2023

Course Location: Online

Certificate: IRO-23-7306B



CCB #SRA0615 4-Hr Training

4-Hour Online AHERA Inspector Refresher Training; AHERA is the Asbestos Hazard Emergency Response Act enacting Title II of Toxic Substance Control Act (TSCA)

Expiration Date: 12/19/2024

For verification of the authenticity of this certificate contact:
PBS Engineering and Environmental Inc.
4412 S Corbett Avenue
Portland, OR 97239

503-248-1939

A handwritten signature in black ink, reading "Andy Fridley", is written over a horizontal line.

Andy Fridley, Instructor

THIS IS TO CERTIFY THAT

JOE LUCAS

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ONLINE AHERA ASBESTOS INSPECTOR REFRESHER

In accordance with TSCA Title II, Part 763, Subpart E, Appendix C of 40 CFR

Course Date: 01/23/2024

Course Location: Online

Certificate: IRO-24-3527B



CCB #SRA0615 4-Hr Training

4-Hour Online AHERA Inspector Refresher Training; AHERA is the Asbestos Hazard Emergency Response Act enacting Title II of Toxic Substance Control Act (TSCA)

Expiration Date: 01/23/2025

For verification of the authenticity of this certificate contact:
PBS Engineering and Environmental Inc.
4412 S Corbett Avenue
Portland, OR 97239

503-248-1939

A handwritten signature in black ink that reads "Andy Fridley".

Andy Fridley, Instructor