Notice of Intent to Remove Asbestos

SWCAA Southwest Clean Air Agency

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

Case #: 24-167
Amendment: 0

Date Received: 3/18/2024
Date Paid: 3/18/2024
SWCAA Fee: $738.00
Receipt #: 152974698

This notification MUST be present at all times at the asbestos project sit

*** EMERGENCY NOTICE ***

Quantity to be removed: 900 Square Feet 0 Linear Feet
Workshift days: T W Th
Project starting date: 3/19/2024 Project Completion date: 3/21/2024
Workshift hours: 7:00 a.m. - 3:30

Site Name: SW Peace Health Wound Care Clinic
Site address: 8716 E Mill Plain Boulevard
Location of Asbestos: 1st floor office areas and lobby
City/State/Zip: Vancouver WA 98664
☐ Demolition of Structure (Notification of Demolition required)
County: CLARK COUNTY

☑ Asbestos survey conducted?
No survey reason:
AHERA Inspector: Brian Wehner
Certification #: IRO-23-7306B

Material to be Removed:

☐ Fireproofing ☐ Popcorn Ceiling ☐ CAB ☐ Sheet Vinyl ☐ Boiler Insulation ☐ Duct Tape
☐ Duct Paper ☐ Mag Pipe Insulation ☐ Air Cell ☐ CA Pipe ☑ VAT
☐ Other Mastic

Control Methods:

☑ N.P Enclosure ☐ Glove Bag ☐ Mini Enclosure ☐ Wrap and Cut ☑ Water ☑ HEPA Vac
☐ Other

Asbestos Contractor: Performance Abatement Services
Phone: 360-574-8400
Mailing Address: 13600 NE 10th Ave, Vancouver, WA, 98685
Email:
Certification ##: ABCN00001016
Supervisor: Randy Johnson
Phone: 503-519-4084

Property Owner: Peace Health
Phone: 206-510-8038
Mailing Address: 8716 E Mill Plain Blvd,Vancouver WA 98664

Asbestos Disposal Site: Wasco County Landfill: 2550 Steele Rd, The Dalles, OR, 97058-

I DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS NOTIFICATION IS, TO THE BEST OF MY KNOWLEDGE, ACCURATE AND COMPLETE.

Submitter Name: Randy Johnson
Representing: Performance Abatement Servi
Submitter Title: Estimator
Date Submitted: 3/18/2024

Reviewed by SWCAA: Danielle Kreps Danielle Kreps ☑ Approved

SWCAA
Southwest Clean Air Agency

Notice of Intent to Remove Asbestos

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Pre-Renovation Limited Hazardous Building Materials Survey Report

PeaceHealth Southwest Medical Center
Wound Healing Center
8716 E Mill Plain Boulevard
Vancouver, Washington 98664

Prepared for:
PeaceHealth

October 2023
PBS Project 23867.078

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

General Information

BUILDING DATA
Wound Healing Center
8716 E Mill Plain Boulevard
Vancouver, Washington 98664

CLIENT DATA
PeaceHealth
1115 SE 164th Ave
Vancouver, Washington 98683

Survey Scope

PBS Engineering and Environmental Inc. (PBS) has performed a limited pre-renovation hazardous building materials survey of accessible areas within the scope of work at the PeaceHealth Wound Healing Center (Building) and compiled this report with the following information:

- Inspection Summary:
  - Asbestos-containing building materials
  - Lead paint and building material survey
  - Suspect polychlorinated biphenyl (PCB) containing equipment
  - Mercury-containing light fixtures
- Hazardous materials sample inventories including laboratory analytical data of bulk materials sampled
- Floorplan drawings indicating hazardous material sample locations

With regards to asbestos, PBS endeavored to locate all assessable suspect asbestos-containing materials within the Building; however, suspect asbestos-containing materials 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.

Brian Wehner
Industrial Hygienist/Prime Inspector
Accreditation Number: IR-22-7306B

Signature Date

Seireadan Kindrick
Industrial Hygienist
Accreditation Number: IN-23-1288C

Signature Date

INSPECTION SUMMARY

DATES	SURVEYED BY	ACTIVITY
10/2023	Brian Wehner and Seireadan Kindrick	Begin Inspection
10/2023	Brian Wehner	Complete Report

PBS has investigated accessible areas of the Building to locate suspect asbestos-containing materials (ACMs). Suspect materials may be present in concealed areas (e.g., behind walls, above ceilings, under floors, and other interstitial spaces). This survey is limited in nature due to inaccessible concealed conditions and occupancy of the Building. It should be noted that exterior materials, (including roofing, caulking, etc.) were not included in the scope of this Survey. 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 renovation 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.

See sample inventory for specific results.

Results	Material Description	Location	Details
(+) 2%-4%	Residual Black Mastic	Throughout the North End of the Building Under Carpeting and Wood Grain Vinyl Sheet Flooring	1300 SF, Non-friable, Good Condition, Response Action: Removal Required Prior to Impact via Renovation Activities.
(+) 2%	Off-White Vinyl Floor Tile and Black Mastic	North End of the Building Under Carpet	500 SF, Non-friable, Good Condition, Response Action: Removal Required Prior to Impact via Renovation Activities.
(+) 35%	Yellow Patterned Sheet Flooring and Black Mastic	North Area of the Waiting Room Under Carpet	100 SF, Non-friable, Good Condition, Response Action: Removal Required Prior to Impact via Renovation 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
Vinyl Floor Tile and Mastic: • 12" Gray with black spots with yellow/orange mastic • 12" White with yellow/clear mastic	Offices and exam rooms throughout the building
Gypsum Wallboard/Joint Compound	Throughout the building
Duct Seam Green/Gray Caulking	Throughout the building
2'x4' White Fissured with Pinholes Lay-in Ceiling Tile	Throughout the building
Gray Flakey Sink Undercoating	In exam rooms throughout the building
4" Light Gray Covebase with Cream Mastic	Throughout the building
2'x4' Off-White Large Fissures Lay-in Ceiling Tile	Throughout the building
Yellow Flakey Carpet Mastic	Throughout the building
4" Gray Covebase with Tan Rubbery Mastic	Throughout the building
Tan Pebbled/Sand Pattern Vinyl Sheet Flooring with Yellow Mastic	Patient Restrooms in the suite
6" Black Covebase with Cream Mastic	Chamber room 127
White/Gray Leveling Compound with Yellow Mastic	Throughout the building
Black Sink Undercoating	Staff 116A
Gray Speckled Sheet Flooring with Yellow Mastic	Staff toilet 122
White Firm Perimeter Doorframe Caulk	North entry from waiting room
2'x2' White Pinholes with Small Fissures Lay-in Ceiling Tiles	Throughout the waiting room
Tan Sheet Flooring with Yellow Mastic	Toilet 102 in the waiting room
6" Rose/Gray Covebase with Cream Mastic	Toilet 102 in the waiting room
4" Black Covebase with Cream Mastic	Room 167 Southwest corner

BACKGROUND

On October 5 and 20, 2023, PBS Engineering and Environmental Inc. (PBS) performed a pre-renovation, non-destructive, limited hazardous materials survey at the PeaceHealth Wound Healing Center as part of the Wound Healing Center Remodel Project located at 8716 E Mill Plain Boulevard in Vancouver, Washington. The survey was requested by PeaceHealth as part of the planned renovation of the Building.

The purpose of the survey was to identify regulated hazardous materials for pre-renovation cost analysis and to satisfy the Washington State Department of Labor and Industries' requirement that a "good faith inspection" for asbestos-containing materials (ACMs) be conducted prior to renovation or demolition activities. The survey is also intended to satisfy Occupational Safety and Health Administration (OSHA) hazard communication requirements.

During the survey, samples were collected of all accessible suspect ACM. Asbestos samples were submitted under chain of custody to Eurofins Lab/Cor Inc. in Portland, Oregon, for polarized light microscopy (PLM) asbestos analysis. Paint chip samples 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 PCB-containing ballasts and mercury-containing vapor light tubes.

BUILDING DESCRIPTIONS

The Wound Healing Center is located southwest adjacent of the PeaceHealth Southwest Medical Center Campus in Vancouver, WA. The building currently contains exam rooms and offices. The Wound Healing Center is a single-story slab on grade, metal framed structure. Interior wall finishes consist primarily of gypsum wallboard systems. Floors are finished with vinyl floor tile, carpet, and sheet vinyl flooring. Ceilings are lay-in ceiling tile grids throughout.

ASBESTOS SUMMARY

PBS Asbestos Hazard Emergency Response Act (AHERA) accredited inspector(s) surveyed the building to determine the presence, location, and approximate quantity of ACM. A total of 47 bulk samples of building materials, suspected of containing asbestos, were collected. Asbestos was detected in the following materials:

- Asbestos-containing black mastic was discovered in various locations throughout the Building. The material was observed under carpeting and wood grain vinyl sheet flooring. See survey drawings for approximate locations.
- Asbestos-containing off-white vinyl floor tile was observed under carpet in the North end of the building in Corridors 124 and 115. See survey drawings for approximate locations.
- Asbestos-containing yellow patterned vinyl sheet flooring was found under carpet in the North side of the waiting room. See survey drawing for approximate location.

Refer to the attached sample inventory for greater detail of the samples collected and corresponding results.

Asbestos Regulations

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

The Occupational Safety and Health Administration (OSHA) provides federal regulations governing asbestos (29 CFR Part 1926, 1101). These regulations have made significant changes in work procedures and how ACMs are removed. OSHA believes that the single biggest problem is to 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 the Southwest Clean Air Agency (SWCAA) regulations.

LEAD SUMMARY

Paint was sampled for lead content for the sake of hazard communication. Three paint chip samples were collected from major representative interior building components. The samples were analyzed by FLAAS. Lead was not detected above the analytical limit of detection in any of the 3 paint chip samples tested.

Refer to the attached lead sample inventory for more information on lead content, components tested, sample description, and location.

Lead-Based Paint Regulatory Issues

There are several applicable definitions of lead-based paint. The Consumer Product Safety Commission limit (for consumer products) is 0.009% or 90 ppm or greater. The Department of Housing and Urban Development (HUD) defines lead-based paint as that which contains 0.5% or 5,000 ppm. Under OSHA, **any amount** of lead triggers requirements in the OSHA Lead in Construction Standard, 29 CFR 1926.62.

Washington Labor and Industries regulations for Lead in Construction (WAC 296-62-155), govern the impact of painted surfaces with detectable concentrations of lead. The WAC standard outlines worker exposure limits, personal protection requirements, and employer responsibility for exposure assessment, training, housekeeping, and recordkeeping. OSHA's lead standard applies to all work where employees may be exposed to lead in construction, alteration, or repair activities. This includes demolition and/or renovation of structures where lead-containing paint is present.

Disposal

Under WAC 173-303 Dangerous Waste Regulations, waste characterization should be performed via Toxicity Characteristic Leaching Procedure (TCLP) in accordance with EPA Method 1311 for waste streams suspected of containing lead prior to disposal.

POLYCHLORINATED BIPHENYLS (PCBS) SUMMARY

PBS inspected representative light fixture ballasts throughout the building and found newer electronic ballasts. Electronic ballasts do not have potential PCB-containing oil; however, magnetic ballasts do. Magnetic ballasts, regardless of "No PCBs" labeling, should be presumed to contain PCBs and should 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 magnetic/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 Code of Federal Regulations (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 (>50 ppm) 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 project specifications and drawings regarding the project requirements for PCB handling and disposal.

MERCURY SUMMARY

Fluorescent and high-intensity discharge (HID) lamps are known to contain mercury. PBS noted approximately 12 4-foot fluorescent lamps. PBS recommends that all fluorescent and HID lamps be handled and recycled in accordance with applicable regulations prior to demolition activities. Breakage of lamps is to be prevented. All lamps should be properly packaged and recycled or disposed of at a facility permitted to accept such material. The Division of Occupational Safety and Health (DOSH) requires specific training, handling, engineering controls, and disposal practices when performing this work. The remaining lighting in the building was comprised of approximately 100 LED strips.

Mercury Regulations

Please refer to the following documents for requirements regarding mercury-containing equipment:

1. US Department of Labor, Occupational Safety and Health Administration (OSHA)
2. RCRA, Resource Conservation and Recovery Act, 40 CFR Part 2761, Subpart D., 40 CFR 273

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

Survey Drawing (HS1)
Hazardous Material Sample Inventories
Lab Reports
Inspector Certifications

GENERAL NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION AND SAMPLE LOCATIONS.
2. ACCESSIBLE SPACES WERE SURVEYED FOR SUSPECT HAZARDOUS MATERIALS. WHEN OBSERVED, THE MATERIALS WERE NOTED ON THE DRAWING.

LEGEND

- ASBESTOS-CONTAINING RESIDUAL BLACK MASTIC UNDER CARPET
- ASBESTOS-CONTAINING VINYL FLOOR TILE WITH ASBESTOS-CONTAINING BLACK MASTIC UNDER CARPET
- ASBESTOS-CONTAINING VINYL SHEET FLOOR COVERING WITH BLACK MASTIC ON CONCRETE UNDER CARPET
- ASBESTOS-CONTAINING BLACK MASTIC UNDER NON-ASBESTOS WOOD GRAINED VINYL SHEET FLOORING

ASBESTOS SAMPLE SYMBOLS

◊ 007 — DRAWING REFERENCE TO BULK SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES
MATERIAL SYMBOL

NOT TESTED	NEGATIVE -	POSITIVE +	
○	⊖	●	THERMAL SYSTEM INSULATION
□	⊟	■	SURFACING MATERIAL
◊	◊	♦	MISCELLANEOUS MATERIAL

LEAD SAMPLE SYMBOLS

△ 1007 — DRAWING REFERENCE TO LEAD SAMPLE FIELD CODE, SEE INVENTORY OF SAMPLES
MATERIAL SYMBOL

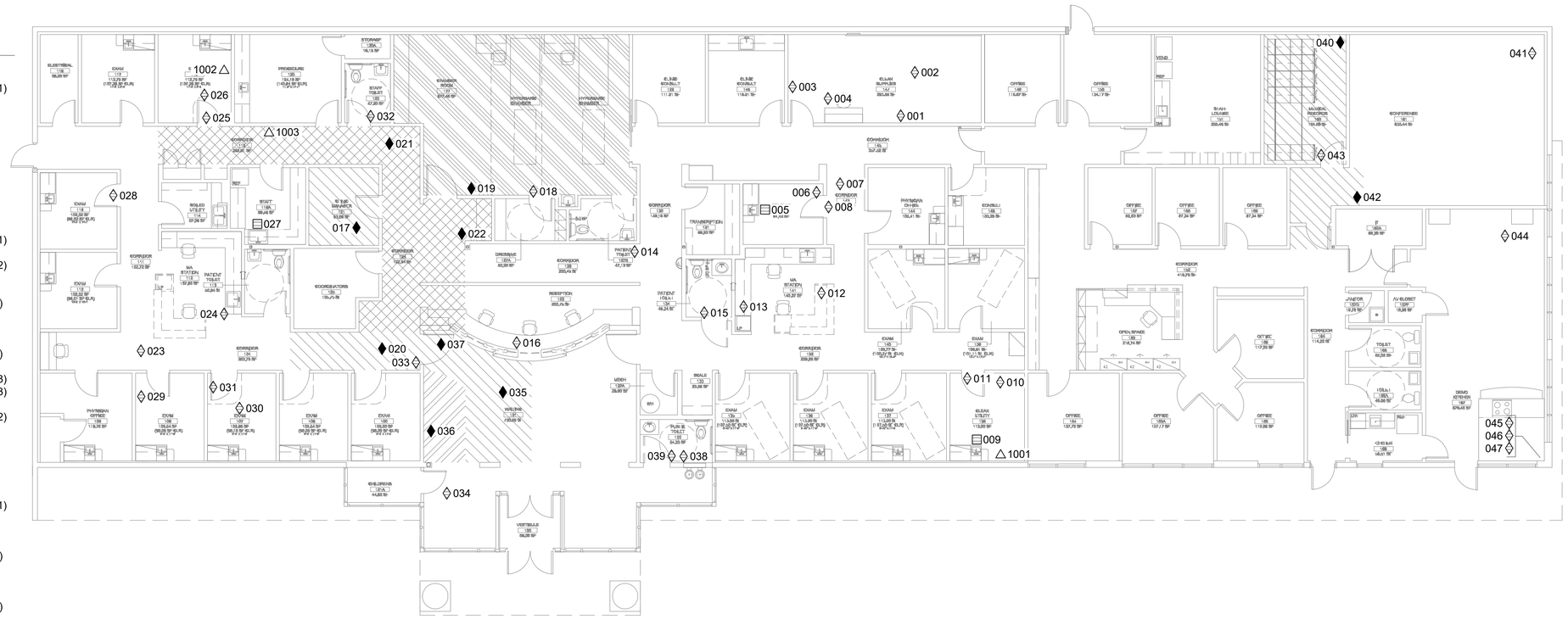
▲ LEAD DETECTED △ BELOW THE LIMIT OF DETECTION

INVENTORY OF AA LEAD SAMPLES

SAMPLE NUMBER	FIELD CODE	LAB RESULT (ppm)	MATERIAL DESCRIPTION
△1001	23867.078-	<12.1	PAINT ON ROOM 138, WEST WALL, GYSUM, SEAFOAM, INTACT
△1002	23867.078-	<12.7	PAINT ON ROOM 118, SOUTH WALL, GYPSUM, GRAY/GREEN, INTACT
△1003	23867.078-	<12.0	PAINT ON CORRIDOR 115, EAST WALL, GYPSUM, BEIGE, INTACT

INVENTORY OF ASBESTOS SAMPLES

DRAWING REFERENCE	FIELD CODE	LAB RESULT	MATERIAL SAMPLED
◊ 001	23867.078-0001	(-/-)	VINYL FLOOR TILE/MASTIC (01)
◊ 002	23867.078-0002	(-/-)	LAY-IN CEILING TILE (01)
◊ 003	23867.078-0003	(-/-)	GYPSUM WALLBOARD/ JOINT COMPOUND
◊ 004	23867.078-0004	(-)	CAULK (01)
⊟ 005	23867.078-0005	(-)	SINK UNDERCOATING (01)
◊ 006	23867.078-0006	(-/-)	COVEBASE/MASTIC (01)
◊ 007	23867.078-0007	(-/-)	LAY-IN CEILING TILE (02)
◊ 008	23867.078-0008	(-)	MASTIC (01)
⊟ 009	23867.078-0009	(-)	SINK UNDERCOATING (01)
◊ 010	23867.078-0010	(-/-)	GYPSUM WALLBOARD/ JOINT COMPOUND
◊ 011	23867.078-0011	(-/-/-)	VINYL FLOOR TILE/MASTIC (01)
◊ 012	23867.078-0012	(-/-)	COVEBASE/MASTIC (02)
◊ 013	23867.078-0013	(-)	VINYL FLOOR TILE/MASTIC (02)
◊ 014	23867.078-0014	(-/-)	GYPSUM WALLBOARD/ JOINT COMPOUND
◊ 015	23867.078-0015	(-/-)	SHEET FLOOR COVERING (01)
◊ 016	23867.078-0016	(-)	MASTIC (01)
♦ 017	23867.078-0017	(+)	MASTIC (02)
◊ 018	23867.078-0018	(-/-)	COVEBASE/MASTIC (03)
♦ 019	23867.078-0019	(-/+)	SHEET FLOOR COVERING (02)
♦ 020	23867.078-0020	(-/<1%)	LEVELING COMPOUND
♦ 021	23867.078-0021	(-/+/+)	VINYL FLOOR TILE/MASTIC (03)
♦ 022	23867.078-0022	(-/+/+)	VINYL FLOOR TILE/MASTIC (03)
◊ 023	23867.078-0023	(-)	LEVELING COMPOUND
◊ 024	23867.078-0024	(-/-)	VINYL FLOOR TILE/MASTIC (02)
◊ 025	23867.078-0025	(-/-/-/-)	GYPSUM WALLBOARD/ JOINT COMPOUND
◊ 026	23867.078-0026	(-/-)	LAY-IN CEILING TILE (01)
⊟ 027	23867.078-0027	(-)	SINK UNDERCOATING (02)
◊ 028	23867.078-0028	(-/-)	GYPSUM WALLBOARD/ JOINT COMPOUND
◊ 029	23867.078-0029	(-/-)	VINYL FLOOR TILE/MASTIC (01)
◊ 030	23867.078-0030	(-/-)	LAY-IN CEILING TILE (02)
◊ 031	23867.078-0031	(-/-)	GYPSUM WALLBOARD/ JOINT COMPOUND
◊ 032	23867.078-0032	(-/-/-)	SHEET FLOOR COVERING (03)
◊ 033	23867.078-0033	(-)	CAULK (02)
◊ 034	23867.078-0034	(-/-)	LAY-IN CEILING TILE (03)
♦ 035	23867.078-0035	(-/-/-/+)	LEVELING COMPOUND
♦ 036	23867.078-0036	(-/+/+)	SHEET FLOOR COVERING (04)
♦ 037	23867.078-0037	(-/+/-)	MASTIC (02)
◊ 038	23867.078-0038	(-/-)	SHEET FLOOR COVERING (05)
◊ 039	23867.078-0039	(-/-/-/-)	COVEBASE/MASTIC (04)
♦ 040	23867.078-0040	(+/<1%)	MASTIC (2)
◊ 041	23867.078-0041	(-/-)	LEVELING COMPOUND
♦ 042	23867.078-0042	(+/-)	MASTIC (2)
◊ 043	23867.078-0043	(-/-/-)	COVEBASE/MASTIC (1)
◊ 044	23867.078-0044	(-)	LAY-IN CEILING TILE (1)
◊ 045	23867.078-0045	(-/-/-/-/-)	SHEET FLOOR COVERING (6)
◊ 046	23867.078-0046	(-/-)	COVEBASE/MASTIC (5)
◊ 047	23867.078-0047	(-/-)	GYPSUM WALLBOARD/ JOINT COMPOUND



FIRST FLOOR

SCALE: 1" = 8'
0 4' 8' 16'

PREPARED FOR: PEACEHEALTH

PBS Engineering and Environmental Inc.
1325 Fourth Avenue, Suite 1402
Vancouver, WA 98661
360.695.3488
pbsusa.com

HAZARDOUS MATERIAL SURVEY PLAN
WOUND HEALING CENTER
8716 E MILL PLAIN BOULEVARD, VANCOUVER, WASHINGTON

NO	REVISION	DATE	BY	APPD

DRAWN BY: JAB
CHECKED: BW
DATE: OCTOBER 2023
PROJECT NUMBER: 23867.078
SHEET DRAWING NO: HS1
SHEET 1 OF 1

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

Code	Material	Location	Results	Lab
23867.078-0001	Vinyl Floor Tile/Mastic (01)	Room 147, west side, 12" gray with black and white spots vinyl floor tile with yellow/orange mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	vinyl, gray/black	No Asbestos Detected	
	Layer 02	mastic, clear/tan	No Asbestos Detected	
23867.078-0002	Lay-in Ceiling Tile (01)	Room 147, 2'x4' white fissured with pinholes lay-in ceiling tile		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	coating, white	No Asbestos Detected	
	Layer 02	compressed fibers, gray	No Asbestos Detected	
23867.078-0003	Gypsum Wallboard/Joint Compound	Room 147, north wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	fine compact powder, off-white	No Asbestos Detected	
	Layer 02	compact chalky material with paper, white	No Asbestos Detected	
23867.078-0004	Caulk (01)	Room 147, on HVAC duct seams, gray/green flexible caulking		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	rubbery material, gray	No Asbestos Detected	
23867.078-0005	Sink Undercoating (01)	Room 143, on stainless steel, gray flakey sink undercoating		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	loose flaky material, gray	No Asbestos Detected	
23867.078-0006	Covebase/Mastic (01)	Room 143, south wall, 4" light gray covebase with cream mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	rubbery material, gray	No Asbestos Detected	
	Layer 02	mastic, off-white	No Asbestos Detected	
23867.078-0007	Lay-in Ceiling Tile (02)	Outside room 143, hallway, 2'x4' off-white, large fissures lay-in ceiling tile		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	coating, white	No Asbestos Detected	
	Layer 02	compressed fibers, gray	No Asbestos Detected	

Code	Material	Location	Results	Lab
23867.078-0008	Mastic (01)	Outside room 143, under carpet on concrete, yellow, flakey carpet mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	loose mastic, white/tan	No Asbestos Detected	
23867.078-0009	Sink Undercoating (01)	Room 138, on stainless steel, gray flakey sink undercoating		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	loose flaky material, gray	No Asbestos Detected	
23867.078-0010	Gypsum Wallboard/Joint Compound	Room 138, east wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	fine compact powder, off-white	No Asbestos Detected	
	Layer 02	compact chalky material with paper, white	No Asbestos Detected	
23867.078-0011	Vinyl Floor Tile/Mastic (01)	Room 138, east side, 12" gray with black and white spots vinyl floor tile with yellow/orange mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	mastic, tan	No Asbestos Detected	
	Layer 02	hard vinyl, gray/black/white	No Asbestos Detected	
	Layer 03	mastic, tan	No Asbestos Detected	
23867.078-0012	Covebase/Mastic (02)	Station 141, on casework, 4" gray covebase with tan rubbery mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	rubbery material, gray	No Asbestos Detected	
	Layer 02	mastic, tan	No Asbestos Detected	
23867.078-0013	Vinyl Floor Tile/Mastic (02)	Station 141, on concrete, 12" white vinyl floor tile with yellow/clear mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	hard vinyl, off-white	No Asbestos Detected	
23867.078-0014	Gypsum Wallboard/Joint Compound	Corridor 128, south end, east wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	fine compact powder, off-white	No Asbestos Detected	
	Layer 02	compact chalky material with paper, white	No Asbestos Detected	

Code	Material	Location	Results	Lab
23867.078-0015	Sheet Floor Covering (01)	Patient toilet 134, tan pebbled/sand pattern vinyl sheet flooring with yellow mastic, on concrete		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	flexible vinyl, speckled pattern, off-white/gray	No Asbestos Detected	
	Layer 02	mastic, clear	No Asbestos Detected	
23867.078-0016	Mastic (01)	Reception, under carpet on concrete, yellow flakey carpet mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	mastic, tan	No Asbestos Detected	
23867.078-0017	Mastic (02)	Room 121, under carpet squares on concrete, residual black mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	mastic, black/tan	4% Chrysotile	
23867.078-0018	Covebase/Mastic (03)	Chamber room 127, west wall, 6" black covebase with cream mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	rubbery material, gray	No Asbestos Detected	
	Layer 02	mastic, white	No Asbestos Detected	
23867.078-0019	Sheet Floor Covering (02)	Chamber room 127, on concrete, wood grain vinyl sheet flooring with gray mastic and black mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	compact woven material, tan/gray	No Asbestos Detected	
	Layer 02	mastic, black/tan	2% Chrysotile	
23867.078-0020	Leveling Compound	Corridor 104, south end, under carpet squares on concrete, gray leveling compound with yellow carpet mastic and residual black mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	hard compact powder, gray	No Asbestos Detected	
	Layer 02	mastic, tan/black	<1% Chrysotile	
23867.078-0021	Vinyl Floor Tile/Mastic (03)	Corridor 115, south end under carpet on concrete, off-white vinyl floor tile with black mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	mastic, tan	No Asbestos Detected	
	Layer 02	hard vinyl, off-white	2% Chrysotile	
	Layer 03	mastic, black	2% Chrysotile	

Code	Material	Location	Results	Lab
23867.078-0022	Vinyl Floor Tile/Mastic (03)	Corridor 124, under carpet on concrete, off-white vinyl floor tile with black mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	mastic, tan	No Asbestos Detected	
	Layer 02	hard vinyl, off-white	2% Chrysotile	
	Layer 03	mastic, black	3% Chrysotile	
23867.078-0023	Leveling Compound	Corridor 104 north end, under carpet squares on concrete gray leveling compound with yellow mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	mastic, tan with fine powder, gray	No Asbestos Detected	
23867.078-0024	Vinyl Floor Tile/Mastic (02)	MA station 112, on concrete, 12" white vinyl floor tile with yellow mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	hard vinyl, off-white	No Asbestos Detected	
	Layer 02	thin mastic, tan	No Asbestos Detected	
23867.078-0025	Gypsum Wallboard/Joint Compound	Room 118, west wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	paint, white with fine compact powder, off-white	No Asbestos Detected	
	Layer 02	fine compact powder, off-white with paper backing, white	No Asbestos Detected	
	Layer 03	compact chalky material with paper, white	No Asbestos Detected	
	Layer 04	hard compact powder, white	No Asbestos Detected	
23867.078-0026	Lay-in Ceiling Tile (01)	Room 118, 2'x4' white fissured with pinholes lay-in ceiling tile		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	coating, white	No Asbestos Detected	
	Layer 02	compressed fibers, gray	No Asbestos Detected	
23867.078-0027	Sink Undercoating (02)	Staff 116A, on stainless steel, black sink undercoating		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	loose mastic, black	No Asbestos Detected	

Code	Material	Location	Results	Lab
23867.078-0028	Gypsum Wallboard/Joint Compound	Room 116 south wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	fine compact powder, off-white	No Asbestos Detected	
	Layer 02	compact chalky material with paper, white	No Asbestos Detected	
23867.078-0029	Vinyl Floor Tile/Mastic (01)	Room 108 on concrete, 12" gray with black and white spots vinyl floor tile with yellow mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	hard vinyl, gray/white	No Asbestos Detected	
	Layer 02	mastic, tan	No Asbestos Detected	
23867.078-0030	Lay-in Ceiling Tile (02)	Room 107, 2'x4' off-white large fissures lay-in ceiling tile		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	coating, white	No Asbestos Detected	
	Layer 02	compressed fibers, gray	No Asbestos Detected	
23867.078-0031	Gypsum Wallboard/Joint Compound	Room 107, north wall, white wallboard with white compound		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	fine compact powder, off-white	No Asbestos Detected	
	Layer 02	compact chalky material with paper, white	No Asbestos Detected	
23867.078-0032	Sheet Floor Covering (03)	Staff toilet 122, on concrete, gray speckled sheet flooring with yellow mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	flexible vinyl, white/gray	No Asbestos Detected	
	Layer 02	mastic, orange	No Asbestos Detected	
	Layer 03	fine compact powder, gray	No Asbestos Detected	
23867.078-0033	Caulk (02)	North entry from waiting room, around perimeter doorframe, white firm caulking		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	rubbery material, white	No Asbestos Detected	
23867.078-0034	Lay-in Ceiling Tile (03)	Waiting room, northwest area, 2'x2' white pinholes with small fissures lay-in ceiling tiles		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	coating, white	No Asbestos Detected	
	Layer 02	compressed fibers, gray	No Asbestos Detected	

Code	Material	Location	Results	Lab
23867.078-0035	Leveling Compound	Waiting room, north area under carpet squares on concrete, yellow carpet mastic, gray and white leveling compound with black mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	mastic, tan	No Asbestos Detected	
	Layer 02	hard compact powder, gray	No Asbestos Detected	
	Layer 03	hard compact powder, white	No Asbestos Detected	
	Layer 04	mastic, black	4% Chrysotile	
23867.078-0036	Sheet Floor Covering (04)	Waiting room, north area under carpet on concrete, yellow patterned sheet flooring with black mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	flexible vinyl, brown/black	No Asbestos Detected	
	Layer 02	fibrous backing, gray	35% Chrysotile	
	Layer 03	mastic, black	2% Chrysotile	
23867.078-0037	Mastic (02)	Waiting room, north area east side, under carpet on concrete, black mastic with (possible sheet flooring 04)		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	woven material with coating, white/orange	No Asbestos Detected	
	Layer 02	mastic, black	3% Chrysotile	
	Layer 03	granular compact powder, gray	No Asbestos Detected	
23867.078-0038	Sheet Floor Covering (05)	Toilet 102, on concrete, tan sheet flooring with yellow mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	flexible vinyl, off-white	No Asbestos Detected	
	Layer 02	fibrous backing, brown	No Asbestos Detected	
23867.078-0039	Covebase/Mastic (04)	Toilet 102, 6" rose/gray covebase with cream mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	rubbery material, gray	No Asbestos Detected	
	Layer 02	mastic, white	No Asbestos Detected	
	Layer 03	mastic, tan	No Asbestos Detected	
	Layer 04	fine compact powder, off-white	No Asbestos Detected	
23867.078-0040	Mastic (2)	Room 160, Under Carpet on Concrete, Residual Black Mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	loose particulate, black	2% Chrysotile	
	Layer 02	loose particulate, yellow	<1% Chrysotile	

Code	Material	Location	Results	Lab
23867.078-0041	Leveling Compound	Conference Room 161, Under Carpet on Concrete, White Leveling Compound		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	compact powder, white	No Asbestos Detected	
	Layer 02	mastic, tan	No Asbestos Detected	
23867.078-0042	Mastic (2)	Conference Room 161, Under Carpet on Concrete, Residual Black Mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	loose particulate, black	2% Chrysotile	
	Layer 02	loose particulate, yellow	No Asbestos Detected	
23867.078-0043	Covebase/Mastic (1)	Room 160, West Wall, 4" Light Gray Covebase with Cream Mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	rubbery material, gray	No Asbestos Detected	
	Layer 02	mastic, tan	No Asbestos Detected	
	Layer 03	powdery material, white	No Asbestos Detected	
23867.078-0044	Lay-in Ceiling Tile (1)	Room 167, East Area, 2'x4' Off-White Large Fissures Lay-in Ceiling Tile		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 1	compressed fibers, gray	No Asbestos Detected	
23867.078-0045	Sheet Floor Covering (6)	Room 167, Southwest Corner, Wood Grain Vinyl Sheet Flooring with Gray Backing		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	vinyl, orange	No Asbestos Detected	
	Layer 02	woven fibers, white	No Asbestos Detected	
	Layer 03	rubbery material, off-white	No Asbestos Detected	
	Layer 04	loose particulate, gray	No Asbestos Detected	
	Layer 05	loose particulate, white	No Asbestos Detected	
23867.078-0046	Covebase/Mastic (5)	Room 167, Southwest Corner, 4" Black Covebase with Cream Mastic		Eurofins LabCor PDX
	Layer:	**Description:**	**Analysis:**	
	Layer 01	rubbery material, black	No Asbestos Detected	
	Layer 02	mastic, white	No Asbestos Detected	

Code	Material	Location	Results	Lab
23867.078-0047	Gypsum Wallboard/Joint Compound	Room 167, Southwest Corner, White Gypsum Wallboard with White Joint Compound		Eurofins LabCor PDX

Layer:	Description:	Analysis:
Layer 01	paint, off-white with fine compact powder, off-white	No Asbestos Detected
Layer 02	compact chalky material with paper, white	No Asbestos Detected

Code	Material	Analysis	Location	Lab
PAINT				
LB23867.078-1001	Paint	<12.1 ppm	Room 138, West wall, gysum, seafoam, intact	R.J. Lee Group
LB23867.078-1002	Paint	<12.7 ppm	Room 118, South wall, gypsum, gray/green, intact	R.J. Lee Group
LB23867.078-1003	Paint	<12.0 ppm	Corridor 115, East wall, gypsum, beige, intact	R.J. Lee Group

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PLM - Visual Estimate Extended Final Report

Job Number: 232730
Client: PBS Engineering and Environmental
Address: 4412 S Corbett Avenue
Portland, OR 97239
Project Name:
Project No.: 23867.078 Phase 0001
PO Number:
Sub Project:
Reference No.:

Report Number: 232730R01
Report Date: 10/12/2023

Enclosed please find results for samples submitted to our laboratory. A list of samples and analyses follows:

Eurofins Sample #	Client Sample # and Description	Analysis	Analysis Notes	Date Received:
232730 - S1	23867.078-0001 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S2	23867.078-0002 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S3	23867.078-0003 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S4	23867.078-0004 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S5	23867.078-0005 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S6	23867.078-0006 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S7	23867.078-0007 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S8	23867.078-0008 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S9	23867.078-0009 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S10	23867.078-0010 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S11	23867.078-0011 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S12	23867.078-0012 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S13	23867.078-0013 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S14	23867.078-0014 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S15	23867.078-0015 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S16	23867.078-0016 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S17	23867.078-0017 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S18	23867.078-0018 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S19	23867.078-0019 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S20	23867.078-0020 -	PLM - Visual Estimate Extended		10/9/2023
232730 - S21	23867.078-0021 -	PLM - Visual Estimate Extended		10/9/2023

NVLAP TESTING
NVLAP Lab Code: 200741-0

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PLM - Visual Estimate Extended Final Report

Job Number: 232730
Client: PBS Engineering and Environmental
Project Name:

Report Number: 232730R01
Report Date: 10/12/2023

232730 - S22	23867.078-0022 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S23	23867.078-0023 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S24	23867.078-0024 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S25	23867.078-0025 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S26	23867.078-0026 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S27	23867.078-0027 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S28	23867.078-0028 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S29	23867.078-0029 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S30	23867.078-0030 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S31	23867.078-0031 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S32	23867.078-0032 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S33	23867.078-0033 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S34	23867.078-0034 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S35	23867.078-0035 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S36	23867.078-0036 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S37	23867.078-0037 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S38	23867.078-0038 -	PLM - Visual Estimate Extended	10/9/2023
232730 - S39	23867.078-0039 -	PLM - Visual Estimate Extended	10/9/2023

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PLM - Visual Estimate Extended Final Report

Job Number: 232730
Client: PBS Engineering and Environmental
Project Name:

Report Number: 232730R01
Report Date: 10/12/2023

PLM - Visual Estimate Extended

The submitted sample(s) were analyzed according to the EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA - 40CFR App. E to Subpart E of Part 763. The sample(s) were analyzed with a digital microscope in order to determine homogeneity, the presence of fibers, and make a preliminary estimate of any asbestos fibers present in the sample. The sample(s), and any observed layers, were then homogenized through techniques appropriate to that material and prepared for analysis by polarized light microscopy (PLM).

Three slide mount preparations were made from random subsamples of the homogenized material. This material was then mounted in the suitable refractive index liquid needed to perform a full optical characterization of the observed fibers. When necessary, dilute HCl, instead of RI liquids, were used to remove cementitious binders to facilitate analysis. The entirety of the slide mount preparations were then analyzed by PLM. Any observed fibers were reported and their optical characteristics recorded according to the EPA 600-R-93-116 method.

Disclaimer

This report, and the data contained therein, cannot be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. The results found in this report are based only on the submitted sample(s). LabCor has no control over sampling procedures. This report is only valid when signed by an analyst.

NAD is No Asbestos Detected. Asbestos consists of the six following minerals: chrysotile, amosite, crocidolite, anthophyllite, actinolite, and tremolite.

Additional gravimetric, point-count or TEM analysis may be recommended for samples testing at < or = 1% asbestos, or those with material binders that prevent the detection of small diameter fibers.

The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: >0-3% error,
5% asbestos: 1-9% error,
10% asbestos: 5-15% error,
20% asbestos: 10-30% error.

Sincerely,

x

Ryan Talaski-Brown
Eurofins - LabCor Portland

NVLAP TESTING
NVLAP Lab Code: 200741-0

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BULK SAMPLE ASBESTOS ANALYSIS

Client: PBS Engineering and Environmental
4412 S Corbett Avenue
Portland, OR 97239

Report Number: 232730R01
Report Date: 10/12/2023
P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0001** **Sample ID:** S1 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
vinyl, gray/black	95 %	-	-	-	**NAD**
Layer 02					
mastic, clear/tan	5 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0002** **Sample ID:** S2 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
coating, white	5 %	-	-	-	**NAD**
Layer 02					
compressed fibers, gray	95 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	35 %	35 %	-	-	-	-	30 %

Client Sample ID: **23867.078-0003** **Sample ID:** S3 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
fine compact powder, off-white	6 %	-	-	-	**NAD**
Layer 02					
compact chalky material with paper, white	94 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

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Client: PBS Engineering and Environmental
4412 S Corbett Avenue
Portland, OR 97239

Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0004** **Sample ID:** S4 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Homogeneous							
rubbery material, gray	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0005** **Sample ID:** S5 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Homogeneous							
loose flaky material, gray	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	10 %	-	-	-	-	90 %

Client Sample ID: **23867.078-0006** **Sample ID:** S6 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Layer 01							
rubbery material, gray	93 %	-	-	-			**NAD**
Layer 02							
mastic, off-white	7 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0007** **Sample ID:** S7 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Layer 01							
coating, white	5 %	-	-	-			**NAD**
Layer 02							
compressed fibers, gray	95 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	35 %	35 %	-	-	-	-	30 %

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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0008** **Sample ID:** S8 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Homogeneous							
loose mastic, white/tan	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0009** **Sample ID:** S9 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Homogeneous							
loose flaky material, gray	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	10 %	-	-	-	-	90 %

Client Sample ID: **23867.078-0010** **Sample ID:** S10 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Layer 01							
fine compact powder, off-white	15 %	-	-	-			**NAD**
Layer 02							
compact chalky material with paper, white	85 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

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Client: PBS Engineering and Environmental
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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0011** **Sample ID:** S11 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
mastic, tan	8 %	-	-	-			**NAD**
Layer 02							
hard vinyl, gray/black/white	84 %	-	-	-			**NAD**
Layer 03							
mastic, tan	8 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0012** **Sample ID:** S12 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
rubbery material, gray	35 %	-	-	-			**NAD**
Layer 02							
mastic, tan	65 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0013** **Sample ID:** S13 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Homogeneous							
hard vinyl, off-white	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	100 %

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Portland, OR 97239

Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0014** **Sample ID:** S14 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
fine compact powder, off-white	15 %	-	-	-			**NAD**
Layer 02							
compact chalky material with paper, white	85 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0015** **Sample ID:** S15 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
flexible vinyl, speckled pattern, off-white/gray	92 %	-	-	-			**NAD**
Layer 02							
mastic, clear	8 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0016** **Sample ID:** S16 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Homogeneous							
mastic, tan	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	100 %

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Report Date: 10/12/2023
P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0017** **Sample ID:** S17 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Homogeneous							
mastic, black/tan	100 %	4 %	-	-			**4 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	96 %

Client Sample ID: **23867.078-0018** **Sample ID:** S18 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Layer 01							
rubbery material, gray	90 %	-	-	-			**NAD**
Layer 02							
mastic, white	10 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0019** **Sample ID:** S19 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			Percent Asbestos:
Layer 01							
compact woven material, tan/gray	35 %	-	-	-			**NAD**
Layer 02							
mastic, black/tan	65 %	2 %	-	-			**2 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	10 %	-	-	90 %
Layer 02	-	-	-	-	-	-	98 %

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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0020** **Sample ID:** S20 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
hard compact powder, gray	95 %	-	-	-			**NAD**
Layer 02							
mastic, tan/black	5 %	Trace	-	-			**< 1 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0021** **Sample ID:** S21 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
mastic, tan	20 %	-	-	-			**NAD**
Layer 02							
hard vinyl, off-white	70 %	2 %	-	-			**2 %**
Layer 03							
mastic, black	10 %	2 %	-	-			**2 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	98 %
Layer 03	-	-	-	-	-	-	98 %

Client Sample ID: **23867.078-0022** **Sample ID:** S22 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
mastic, tan	6 %	-	-	-			**NAD**
Layer 02							
hard vinyl, off-white	84 %	2 %	-	-			**2 %**
Layer 03							
mastic, black	10 %	3 %	-	-			**3 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	98 %
Layer 03	-	-	-	-	-	-	97 %

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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0023** **Sample ID:** S23 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite		**Percent Asbestos:**
Homogeneous						
mastic, tan with fine powder, gray	100 %	-	-	-		**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0024** **Sample ID:** S24 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite		**Percent Asbestos:**
Layer 01						
hard vinyl, off-white	98 %	-	-	-		**NAD**
Layer 02						
thin mastic, tan	2 %	-	-	-		**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0025** **Sample ID:** S25 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
paint, white with fine compact powder, off-white	12 %	-	-	-			**NAD**
Layer 02							
fine compact powder, off-white with paper backing, white	12 %	-	-	-			**NAD**
Layer 03							
compact chalky material with paper, white	60 %	-	-	-			**NAD**
Layer 04							
hard compact powder, white	16 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %
Layer 04	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0026** **Sample ID:** S26 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
coating, white	8 %	-	-	-			**NAD**
Layer 02							
compressed fibers, gray	92 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	30 %	30 %	-	-	-	-	40 %

Client Sample ID: **23867.078-0027** **Sample ID:** S27 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Homogeneous							
loose mastic, black	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	100 %

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Report Number: 232730R01
Report Date: 10/12/2023
P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0028** **Sample ID:** S28 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
fine compact powder, off-white	5 %	-	-	-			**NAD**
Layer 02							
compact chalky material with paper, white	95 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0029** **Sample ID:** S29 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
hard vinyl, gray/white	95 %	-	-	-			**NAD**
Layer 02							
mastic, tan	5 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0030** **Sample ID:** S30 **Date Analyzed:** 10/11/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
coating, white	2 %	-	-	-			**NAD**
Layer 02							
compressed fibers, gray	98 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	30 %	30 %	-	-	-	-	40 %

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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0031** **Sample ID:** S31 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
fine compact powder, off-white	12 %	-	-	-			**NAD**
Layer 02							
compact chalky material with paper, white	88 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0032** **Sample ID:** S32 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
flexible vinyl, white/gray	80 %	-	-	-			**NAD**
Layer 02							
mastic, orange	10 %	-	-	-			**NAD**
Layer 03							
fine compact powder, gray	10 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0033** **Sample ID:** S33 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Homogeneous							
rubbery material, white	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	-	-	-	-	-	100 %

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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0034** **Sample ID:** S34 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
coating, white	5 %	-	-	-			**NAD**
Layer 02							
compressed fibers, gray	95 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	35 %	35 %	-	-	-	-	30 %

Client Sample ID: **23867.078-0035** **Sample ID:** S35 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
mastic, tan	20 %	-	-	-			**NAD**
Layer 02							
hard compact powder, gray	35 %	-	-	-			**NAD**
Layer 03							
hard compact powder, white	35 %	-	-	-			**NAD**
Layer 04							
mastic, black	10 %	4 %	-	-			**4 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %
Layer 04	-	-	-	-	-	-	96 %

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Report Number: 232730R01
Report Date: 10/12/2023

P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0036** **Sample ID:** S36 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
flexible vinyl, brown/black	45 %	-	-	-			**NAD**
Layer 02							
fibrous backing, gray	45 %	35 %	-	-			**35 %**
Layer 03							
mastic, black	10 %	2 %	-	-			**2 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	35 %	-	-	-	-	30 %
Layer 03	-	-	-	-	-	-	98 %

Client Sample ID: **23867.078-0037** **Sample ID:** S37 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
woven material with coating, white/orange	70 %	-	-	-			**NAD**
Layer 02							
mastic, black	15 %	3 %	-	-			**3 %**
Layer 03							
granular compact powder, gray	15 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	75 %	-	-	25 %
Layer 02	-	-	-	-	-	-	97 %
Layer 03	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0038** **Sample ID:** S38 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
flexible vinyl, off-white	50 %	-	-	-			**NAD**
Layer 02							
fibrous backing, brown	50 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	10 %	20 %	-	-	-	-	70 %

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BULK SAMPLE ASBESTOS ANALYSIS

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Client: PBS Engineering and Environmental
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Report Number: 232730R01
Report Date: 10/12/2023
P.O. No: n/a

Job Number: **232730**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0039** **Sample ID:** S39 **Date Analyzed:** 10/12/2023
Client Sample Description: **Analyst:** Ryan Talaski-Brown

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
rubbery material, gray	25 %	-	-	-			**NAD**
Layer 02							
mastic, white	25 %	-	-	-			**NAD**
Layer 03							
mastic, tan	25 %	-	-	-			**NAD**
Layer 04							
fine compact powder, off-white	25 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %
Layer 04	-	-	-	-	-	-	100 %

This laboratory participates in the National Voluntary Laboratory Accreditation Program (NVLAP). Testing method is per EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA - 40CFR App. E to Subpart E of Part 763, PLM. This report and the data contained therein cannot be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

- "NAD" is No Asbestos Detected.
- Asbestos consists of the following minerals: chrysotile, amosite, crocidolite, tremolite, actinolite, anthophyllite.
- Material binders, such as those found in vinyl floor tiles, may prevent the detection of small diameter asbestos fibers. A gravimetric preparation and point-count is recommended for such samples.
- Quantitative analysis by PLM point count or TEM may be recommended for samples testing at < or = to 1% asbestos.
- The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: >0-3% error, 5% asbestos: 1-9% error, 10% asbestos: 5-15% error, 20% asbestos: 10-30% error.
- This report pertains only to the samples listed on the report. Report considered valid only when signed by analyst.

Reviewed by:

x Ryan Talaski-Brown

Ryan Talaski-Brown
Eurofins - LabCor Portland

NVLAP TESTING
NVLAP Lab Code: 200741-0

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PLM - Visual Estimate Extended Final Report

Job Number: 232869
Client: PBS Engineering and Environmental
Address: 4412 S Corbett Avenue
Portland, OR 97239
Project Name:
Project No.: 23867.078 Phase 0001
PO Number:
Sub Project:
Reference No.:

Report Number: 232869R01
Report Date: 10/25/2023

Enclosed please find results for samples submitted to our laboratory. A list of samples and analyses follows:

Eurofins Sample #	Client Sample # and Description	Analysis	Analysis Notes	Date Received:
232869 - S1	23867.078-0040 -	PLM - Visual Estimate Extended		10/23/2023
232869 - S2	23867.078-0041 -	PLM - Visual Estimate Extended		10/23/2023
232869 - S3	23867.078-0042 -	PLM - Visual Estimate Extended		10/23/2023
232869 - S4	23867.078-0043 -	PLM - Visual Estimate Extended		10/23/2023
232869 - S5	23867.078-0044 -	PLM - Visual Estimate Extended		10/23/2023
232869 - S6	23867.078-0045 -	PLM - Visual Estimate Extended		10/23/2023
232869 - S7	23867.078-0046 -	PLM - Visual Estimate Extended		10/23/2023
232869 - S8	23867.078-0047 -	PLM - Visual Estimate Extended		10/23/2023

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PLM - Visual Estimate Extended Final Report

Job Number: 232869
Client: PBS Engineering and Environmental
Project Name:

Report Number: 232869R01
Report Date: 10/25/2023

PLM - Visual Estimate Extended

The submitted sample(s) were analyzed according to the EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA - 40CFR App. E to Subpart E of Part 763. The sample(s) were analyzed with a digital microscope in order to determine homogeneity, the presence of fibers, and make a preliminary estimate of any asbestos fibers present in the sample. The sample(s), and any observed layers, were then homogenized through techniques appropriate to that material and prepared for analysis by polarized light microscopy (PLM).

Three slide mount preparations were made from random subsamples of the homogenized material. This material was then mounted in the suitable refractive index liquid needed to perform a full optical characterization of the observed fibers. When necessary, dilute HCl, instead of RI liquids, were used to remove cementitious binders to facilitate analysis. The entirety of the slide mount preparations were then analyzed by PLM. Any observed fibers were reported and their optical characteristics recorded according to the EPA 600-R-93-116 method.

Disclaimer

This report, and the data contained therein, cannot be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. The results found in this report are based only on the submitted sample(s). LabCor has no control over sampling procedures. This report is only valid when signed by an analyst.

NAD is No Asbestos Detected. Asbestos consists of the six following minerals: chrysotile, amosite, crocidolite, anthophyllite, actinolite, and tremolite.

Additional gravimetric, point-count or TEM analysis may be recommended for samples testing at < or = 1% asbestos, or those with material binders that prevent the detection of small diameter fibers.

The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: >0-3% error,
5% asbestos: 1-9% error,
10% asbestos: 5-15% error,
20% asbestos: 10-30% error.

Sincerely,

X

Tim Cammann
Eurofins - LabCor Portland

NVLAP TESTING
NVLAP Lab Code: 200741-0

eurofins | Built Environment Testing
Labcor

4321 South Corbett Ave., Ste A
Portland, OR 97239
Phone: (503) 224-5055
www.labcorpdx.com

BULK SAMPLE ASBESTOS ANALYSIS

Client: PBS Engineering and Environmental
4412 S Corbett Avenue
Portland, OR 97239

Report Number: 232869R01
Report Date: 10/25/2023
P.O. No: n/a

Job Number: **232869**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0040** **Sample ID:** S1 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
loose particulate, black	70 %	2 %	-	-			**2 %**
Layer 02							
loose particulate, yellow	30 %	Trace	-	-			**< 1 %**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	Trace	-	-	-	-	98 %
Layer 02	-	Trace	-	-	-	-	100 %

Client Sample ID: **23867.078-0041** **Sample ID:** S2 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
compact powder, white	50 %	-	-	-			**NAD**
Layer 02							
mastic, tan	50 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	Trace	-	-	-	-	100 %
Layer 02	-	Trace	-	Trace	-	-	100 %

Client Sample ID: **23867.078-0042** **Sample ID:** S3 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
loose particulate, black	70 %	2 %	-	-			**2 %**
Layer 02							
loose particulate, yellow	30 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	Trace	-	-	98 %
Layer 02	-	-	-	Trace	-	-	100 %

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Portland, OR 97239
Phone: (503) 224-5055
www.labcorpdx.com

Client: PBS Engineering and Environmental
4412 S Corbett Avenue
Portland, OR 97239

Report Number: 232869R01
Report Date: 10/25/2023

P.O. No: n/a

Job Number: **232869**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0043** **Sample ID:** S4 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
rubbery material, gray	70 %	-	-	-			**NAD**
Layer 02							
mastic, tan	20 %	-	-	-			**NAD**
Layer 03							
powdery material, white	10 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	-	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %
Layer 03	-	-	-	-	-	-	100 %

Client Sample ID: **23867.078-0044** **Sample ID:** S5 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Homogeneous							
compressed fibers, gray	100 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
	-	20 %	4 %	-	-	-	76 %

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BULK SAMPLE ASBESTOS ANALYSIS

4321 South Corbett Ave., Ste A
Portland, OR 97239
Phone: (503) 224-5055
www.labcorpdx.com

Client: PBS Engineering and Environmental
4412 S Corbett Avenue
Portland, OR 97239

Report Number: 232869R01
Report Date: 10/25/2023
P.O. No: n/a

Job Number: **232869**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0045** **Sample ID:** S6 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
vinyl, orange	60 %	-	-	-			**NAD**
Layer 02							
woven fibers, white	10 %	-	-	-			**NAD**
Layer 03							
rubbery material, off-white	10 %	-	-	-			**NAD**
Layer 04							
loose particulate, gray	10 %	-	-	-			**NAD**
Layer 05							
loose particulate, white	10 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	Trace	-	-	-	-	100 %
Layer 02	-	-	-	90 %	-	-	10 %
Layer 03	-	-	-	-	-	-	100 %
Layer 04	-	Trace	-	-	-	-	100 %
Layer 05	-	Trace	-	-	-	-	100 %

Client Sample ID: **23867.078-0046** **Sample ID:** S7 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite			**Percent Asbestos:**
Layer 01							
rubbery material, black	90 %	-	-	-			**NAD**
Layer 02							
mastic, white	10 %	-	-	-			**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	Trace	-	-	-	-	100 %
Layer 02	-	-	-	-	-	-	100 %

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BULK SAMPLE ASBESTOS ANALYSIS

4321 South Corbett Ave., Ste A
Portland, OR 97239
Phone: (503) 224-5055
www.labcorpdx.com

Client: PBS Engineering and Environmental
4412 S Corbett Avenue
Portland, OR 97239

Report Number: 232869R01
Report Date: 10/25/2023
P.O. No: n/a

Job Number: **232869**
Project Name:
Project Number: 23867.078 Phase 0001
Project Notes:

Client Sample ID: **23867.078-0047** **Sample ID:** S8 **Date Analyzed:** 10/24/2023
Client Sample Description: **Analyst:** Kyle DeBow

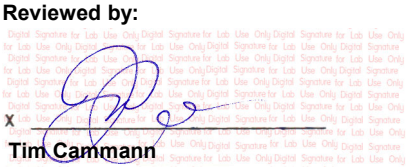
Asbestos Mineral Fibers	Layer Percent:	Chrysotile	Amosite	Crocidolite	Percent Asbestos:
Layer 01					
paint, off-white with fine compact powder, off-white	30 %	-	-	-	**NAD**
Layer 02					
compact chalky material with paper, white	70 %	-	-	-	**NAD**

Other Fibers	Fibrous Glass	Cellulose	Mineral Wool	Synthetic	Other		Matrix
Layer 01	-	Trace	-	-	-	-	100 %
Layer 02	-	Trace	-	-	-	-	100 %

This laboratory participates in the National Voluntary Laboratory Accreditation Program (NVLAP). Testing method is per EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA - 40CFR App. E to Subpart E of Part 763, PLM. This report and the data contained therein cannot be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

- "NAD" is No Asbestos Detected.
- Asbestos consists of the following minerals: chrysotile, amosite, crocidolite, tremolite, actinolite, anthophyllite.
- Material binders, such as those found in vinyl floor tiles, may prevent the detection of small diameter asbestos fibers. A gravimetric preparation and point-count is recommended for such samples.
- Quantitative analysis by PLM point count or TEM may be recommended for samples testing at < or = to 1% asbestos.
- The following estimate of error for this method by visual estimation of asbestos percent are as follows:
1% asbestos: >0-3% error, 5% asbestos: 1-9% error, 10% asbestos: 5-15% error, 20% asbestos: 10-30% error.
- This report pertains only to the samples listed on the report. Report considered valid only when signed by analyst.

Reviewed by:



Tim Cammann
Eurofins - LabCor Portland

NVLAP TESTING
NVLAP Lab Code: 200741-0

Reviewed by: _____
Results Released on: _____
Invoice Released on: _____
Verbal Email Physical

PBS 232730

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 23867.078 Phase 0001

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 09, 2023

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

John Tichy
Name

Authorized Signature 10/9/23 **Date** 11:40 **Time**

RECEIVER

Date Received: 10/9/23

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

MARK DONAHUE
Name

Authorized Signature 10/9/23 **Date** 11 45 **Time**

Sender's ID No.	Brief Description	Receiver's ID No.
23867.078-0001		
23867.078-0002		
23867.078-0003		
23867.078-0004		
23867.078-0005		
23867.078-0006		
23867.078-0007		
23867.078-0008		
23867.078-0009		
23867.078-0010		
23867.078-0011		
23867.078-0012		
23867.078-0013		
23867.078-0014		

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

23867.078-0015		
23867.078-0016		
23867.078-0017		
23867.078-0018		
23867.078-0019		
23867.078-0020		
23867.078-0021		
23867.078-0022		
23867.078-0023		
23867.078-0024		
23867.078-0025		
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23867.078-0027		
23867.078-0028		
23867.078-0029		
23867.078-0030		
23867.078-0031		
23867.078-0032		
23867.078-0033		
23867.078-0034		
23867.078-0035		
23867.078-0036		
23867.078-0037		
23867.078-0038		
23867.078-0039		

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Please analyze the enclosed 39 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:

2414

Reviewed by: ________________
Results Released on: __________
Invoice Released on: __________
Verbal Email Physical

PBS 232869

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 23867.078 Phase 0001

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 20, 2023

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

Seireadan Kindrick
Name

[signature] 10.20.23 12:00
Authorized Signature **Date** **Time**

RECEIVER

Date Received: 10/23/23

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

Mark Donahue
Name

[signature] 10/23/23 11:10
Authorized Signature **Date** **Time**

Sender's ID No.	Brief Description	Receiver's ID No.
23867.078-0040		
23867.078-0041		
23867.078-0042		
23867.078-0043		
23867.078-0044		
23867.078-0045		
23867.078-0046		
23867.078-0047		

Please analyze the enclosed 8 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: **48 Hour**

SPECIAL INSTRUCTIONS:

RJ Lee Group, Inc.
350 Hochberg Road, Monroeville, PA 15146
Tel: (724) 325-1776 | Fax: (724) 733-1799

LABORATORY REPORT

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

Attn: Brian Wehner
Phone: 503-248-1939

Email: brian.wehner@pbsusa.com

RJ Lee Group Job No.: PA091020230003
Samples Received: October 9, 2023
Report Date: October 11, 2023
Client Project: 23867.078 Phase 0001
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		
LB23867.078-1001	PA091020230003-001	NP	Lead	< 0.00121	< 12.1	0.00121	12.1	10/10/2023	A
LB23867.078-1002	PA091020230003-002	NP	Lead	< 0.00127	< 12.7	0.00127	12.7	10/10/2023	A
LB23867.078-1003	PA091020230003-003	NP	Lead	< 0.00120	< 12.0	0.00120	12.0	10/10/2023	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 to 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.rjlg.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 appropiate 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 Supervisor

PBS PA09102023000 3

TRANSMITTAL AND CHAIN OF CUSTODY FOR LEAD BULK SAMPLES

Project No.: 23867.078 Phase 0001

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 06, 2023

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

BRIAN WEHNER
Name

Authorized Signature 10.06.23 **Date**

RECEIVER

Date Received: 10/09/23 835AM

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

Chris Biacchetto
Name

Authorized Signature 10/09/23 835AM **Date**

Sender's ID No.	Brief Description	Receiver's ID No.
LB23867.078-1001		
LB23867.078-1002		
LB23867.078-1003		

ANALYSIS REQUESTED:

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

Please analyze the enclosed 3 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: S.K.

THIS IS TO CERTIFY THAT

BRIAN WEHNER

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ASBESTOS INSPECTOR REFRESHER

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

Course Date: 01/19/2023

Course Location: Online

Certificate: IRO-23-7306B

CCB #SRA0615 4-Hr Training

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

Expiration Date: 01/19/2024

For verification of the authenticity of this certificate contact:
PBS Engineering and Environmental Inc.
4412 S Corbett Avenue
Portland, OR 97239
503.248.1939

Andy Fridley, Instructor

THIS IS TO CERTIFY THAT

SEIREADAN KINDRICK

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ASBESTOS INSPECTOR INITIAL COURSE

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

CCB #SRA0614 24-Hr Training

Course Date: 4/10/2023 - 4/12/2023

Course Location: Portland, OR

Certificate: IN-23-1288C

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

Expiration Date: 04/12/2024

For verification of the authenticity of this certificate contact:
PBS Engineering and Environmental Inc.
4412 S Corbett Avenue
Portland, OR 97239
503.248.1939

Andy Fridley, Instructor