



Limited Asbestos Bulk Testing

Willamette Leadership Academy-Portable Classrooms
34020 B Street
Eugene, Oregon 97405

Prepared for:

Willamette Leadership Academy

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Laboratory Data	Not Numbered
Inspector Certification	Not Numbered

August 2019
PBS Project No.: 52509.000

GENERAL INFORMATION

BUILDING DATA

Willamette Leadership Academy
34020 B Street
Eugene, Oregon 97405

CLIENT DATA

Roberta Howard
Willamette Leadership Academy
34020 B Street
Eugene, Oregon 97405

PBS Engineering and Environmental, Inc. (PBS) has performed limited asbestos bulk sampling of three portable classrooms (building identification numbers R0201, R0204, and R6002) located at 34020 B Street in Eugene, Oregon. The sampling was performed in general accordance with OSHA regulations in 29 CFR 1910.1001, Oregon Department of Environmental Quality (DEQ) regulations in OAR 340-248-0270, and LRAPA Title 43. Based on the information gathered during the site inspection and laboratory analysis, this report contains the following information:

- A summary of asbestos-containing materials discovered during the inspection, including a material description and location of each identified asbestos-containing material (ACM);
- Sample inventories listing the sample number, location, material description, and laboratory results for each asbestos sample;
- Laboratory analysis reports and chain of custody documentation;
- Inspector(s) Certification

SURVEY SCOPE

Asbestos

PBS endeavored to locate suspect asbestos-containing materials within the portable classroom structures; however, additional suspect asbestos-containing materials may be present in inaccessible areas (e.g. interstitial spaces). If suspect materials are uncovered during demolition or renovation activities that are not identified in this report, testing should be performed prior to impact. This survey was conducted to identify, and sample accessible suspect asbestos-containing building materials in select areas identified by the client and it is not considered an exhaustive survey of every building material. Exterior and roofing materials were not included as part of this investigation.

PBS was unable to access the west side of portable classroom R6002, as no doorway was present to that side of the structure.

CERTIFICATION

PBS has conducted a physical inspection of three portable classrooms at Willamette Leadership Academy, 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.

Jose Herrera
Industrial Hygienist/Inspector
Accreditation: IR-19-4518B
Direct: 541.255.6182

Signature

Date

INSPECTION SUMMARY

DATES

July 29th, 2019

SURVEYED BY

Aaron LeFore & Jose
Herrera

ACTIVITY

Materials Inventory and Bulk Sample
Collection

On July 29th, 2019 PBS performed limited asbestos bulk sampling of the three portable classrooms at the Willamette Leadership Academy in Eugene, Oregon. The purpose of the sampling was to locate, identify, and quantify accessible friable and non-friable asbestos-containing building materials.

ASBESTOS SUMMARY

A PBS Asbestos Hazard Emergency Response Act (AHERA) accredited inspector surveyed the interior space(s) of the portable classrooms located at 34020 B Street to locate suspect asbestos-containing building materials (ACBM). A total of twenty-five (25) bulk samples of building materials, suspected of containing asbestos, were collected and submitted under chain of custody to NVL Labs of Seattle, Washington, for polarized light microscopy (PLM) analysis.

Refer to the asbestos bulk sample inventory attached to this report for more sample details, the findings are listed below.

ASBESTOS MATERIALS

No asbestos-containing materials were identified at this site.

MATERIALS WHICH TESTED NEGATIVE FOR ASBESTOS

The following materials tested negative based on ASHARA sampling minimums and testing by NVLAP participating laboratories. Although no asbestos was detected, it is possible that further sampling could indicate asbestos content.

Material	Location
Floor Tile, 12" Off-White & Beige/Mastic, Yellow	Floors Throughout
Leveling Compound, White and Grey	Floors Throughout (at modular center floor seam)
Covebase, Brown & Brown/Mastic, Cream	Floors Throughout
Gypsum Soundboard Panels	Walls Throughout
Lay in Ceiling Tile, 2"x4" Pitted and Fissured	Ceilings Throughout

Material	Location
Gypsum Soundboard Panel Mastic, Off-White or Yellow	Applied studs and seam wood trim pieces
Batt Insulation (fiberglass), White and Pink	Walls and Ceilings Throughout
Duct Tape	HVAC Ducting throughout

Asbestos Regulatory Issues

LRAPA, Oregon DEQ, Environmental Protection Agency (EPA) and OSHA regulations require proper removal and handling of ACM by licensed and trained asbestos abatement contractors prior to building renovations or demolition.

The LRAPA, EPA, DEQ, and OSHA all define ACM as any material containing more than one percent asbestos. Although materials equal to or less than one percent are not considered by regulatory agencies to be an ACM, they still have some asbestos content, and Oregon OSHA has specific requirements for situations in which workers may encounter, disturb, or remove materials containing any level of asbestos. For the sake of hazard communication, these materials are included in the asbestos containing materials section of this report.

In 1995, Oregon OSHA adopted 29 Code of Federal Regulations (CFR) Part 1926.1101 governing asbestos under OAR 437-003-1926.1101. The regulation has made significant changes in work procedures and how asbestos materials are managed. OSHA believes that the single biggest risk of asbestos exposure 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.

DEQ's OAR 340, Division 248 and LRAPA Title 43 also covers asbestos abatement requirements, removal notifications, licensing, and certifications for contractors.

For more information regarding the removal of asbestos-containing materials, please refer to the following:

1. Oregon Occupational Safety and Health Administration, OAR 437-003-1926.1101
2. Department of Environmental Quality, OAR-340, Division 248
3. LRAPA Title 43

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

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
52509.000-0001	Gypsum Soundboard Panel	R0204 east, northeast corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white wall vinyl with soft adhesive	No Asbestos Detected	
	Layer 2	Off-white thin fibrous material	No Asbestos Detected	
	Layer 3	White chalky material with layered paper	No Asbestos Detected	
52509.000-0002	Lay-in Ceiling Tile	R0204 east, center floor		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white compressed fibrous material with white coating and trace mastic	No Asbestos Detected	
52509.000-0003	Floor Tile/Leveling Compound/Mastic	R0204 east, northeast corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white tile	No Asbestos Detected	
	Layer 2	Yellow soft mastic	No Asbestos Detected	
	Layer 3	Off-white compressed compacted powdery material with wood flakes	No Asbestos Detected	
52509.000-0004	Covebase/Mastic	R0204 east, southwest corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Tan rubbery material with thin soft vinyl surface	No Asbestos Detected	
	Layer 2	Off-white soft mastic	No Asbestos Detected	
52509.000-0005	Covebase/Mastic/Gypsum Soundboard Panel/Mastic	R0204 west, southwest corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Tan rubbery material with thin soft vinyl surface	No Asbestos Detected	
	Layer 2	Cream soft mastic	No Asbestos Detected	
	Layer 3	White wall vinyl with soft adhesive	No Asbestos Detected	
	Layer 4	Off-white thin fibrous material	No Asbestos Detected	
	Layer 5	White chalky material with layered paper	No Asbestos Detected	
	Layer 6	Off-white soft mastic	No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
52509.000-0006	Gypsum Soundboard Panel Mastic	R0204 west, west wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white soft mastic	No Asbestos Detected	
52509.000-0007	Lay-in Ceiling Tile	R0204 west, southeast corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white compressed fibrous material with white coating and thin mastic	No Asbestos Detected	
52509.000-0008	Floor Tile/Mastic/Leveling Compound	R0204 west, east wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white tile with clear thin adhesive surface	No Asbestos Detected	
	Layer 2	Yellow soft mastic	No Asbestos Detected	
	Layer 3	Off-white compressed compacted powdery material with trace thin wood flakes	No Asbestos Detected	
52509.000-0009	Insulation	R0204 west, at west wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	White fibrous material	No Asbestos Detected	
52509.000-0010	Gypsum Soundboard Mastic	R0201 west, at south wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white soft/brittle mastic	No Asbestos Detected	
52509.000-0011	Floor Tile/Mastic/Leveling Compound	R0201 west, east wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Beige tile with thin adhesive surface	No Asbestos Detected	
	Layer 2	Yellow soft/brittle mastic	No Asbestos Detected	
	Layer 3	Gray crumbly material with wood flakes	No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
52509.000-0012	Covebase/Mastic/Paper	R0201 west, northeast corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Beige rubbery material with thin soft vinyl surface	No Asbestos Detected	
	Layer 2	Off-white soft mastic	No Asbestos Detected	
	Layer 3	Off-white/tan fibrous material	No Asbestos Detected	
52509.000-0013	Gypsum Soundboard Panel	R0201 west, at electrical panel		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	White wall vinyl with soft adhesive	No Asbestos Detected	
	Layer 2	Off-white thin fibrous material	No Asbestos Detected	
	Layer 3	Off-white chalky material with paper	No Asbestos Detected	
52509.000-0014	Insulation	R0201 west, at electrical panel		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	White fibrous material	No Asbestos Detected	
52509.000-0015	Floor Tile/Mastic/Leveling Compound	R0201 east, west wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white tile with tan streaks and clear thin adhesive surface	No Asbestos Detected	
	Layer 2	Tan soft/brittle mastic with trace thin wood flakes	No Asbestos Detected	
	Layer 3	Gray crumbly/brittle material	No Asbestos Detected	
52509.000-0016	Gypsum Soundboard Panel	R0201 east, northeast corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	White wall vinyl with soft adhesive	No Asbestos Detected	
	Layer 2	Off-white thin fibrous material	No Asbestos Detected	
	Layer 3	White chalky material with paper	No Asbestos Detected	
52509.000-0017	Insulation/Duct Tape	R0201 east, center floor		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	White fibrous material	No Asbestos Detected	
	Layer 2	Trace thin tan paper with foil and adhesive	No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
52509.000-0018	Gypsum Soundboard Panel Mastic	R0201 east, northeast corner		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white soft mastic	No Asbestos Detected	
	Layer 2	Gold thin brittle mastic	No Asbestos Detected	
52509.000-0019	Lay-in Ceiling Tile	R0201 east, at east wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white compressed fibrous material with white coating and mastic	No Asbestos Detected	
52509.000-0020	Covebase/Mastic	R0201 east, north wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Beige rubbery material with tin soft vinyl surface	No Asbestos Detected	
	Layer 2	Off-white soft mastic with trace tan fibrous material	No Asbestos Detected	
52509.000-0021	Lay-in Ceiling Tile	6002 east, center floor		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white compressed fibrous material with white coating and mastic	No Asbestos Detected	
52509.000-0022	Floor Tile/Mastic/Leveling Compound	6002 east, center floor		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white tile	No Asbestos Detected	
	Layer 2	Yellow brittle mastic	No Asbestos Detected	
	Layer 3	White compressed compacted powdery material	No Asbestos Detected	
52509.000-0023	Covebase/Mastic	6002 east, north wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Tan rubbery material with thin soft vinyl surface	No Asbestos Detected	
	Layer 2	Cream soft mastic	No Asbestos Detected	
	Layer 3	Tan fibrous material	No Asbestos Detected	

<u>Code</u>	<u>Material</u>	<u>Location</u>	<u>Results</u>	<u>Lab</u>
52509.000-0024	Gypsum Soundboard Panel/Mastic/Insulation	6002 east, south wall		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Yellow foamy material	No Asbestos Detected	
	Layer 2	Off-white thin fibrous material	No Asbestos Detected	
	Layer 3	Peach chalky material with paper	No Asbestos Detected	
	Layer 4	Pink fibrous material	No Asbestos Detected	
52509.000-0025	Floor Tile/Mastic	R0204 east, center floor		NVL Labs, Inc.
	Layer:	Description:	Analysis:	
	Layer 1	Off-white tile with adhesive surface	No Asbestos Detected	
	Layer 2	Yellow soft mastic with trace debris and wood flakes	No Asbestos Detected	

July 31, 2019



Aaron Lefore
PBS Environmental - Eugene
2645 Willamette Street Suite A
Eugene, OR 97405

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 1916056.00

Client Project: 52509.000 Phase 0001
Location: N-A

Dear Mr. Lefore,

Enclosed please find test results for the 25 sample(s) submitted to our laboratory for analysis on 7/30/2019.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with both **EPA 600/M4-82-020**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116** Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

A handwritten signature in black ink, appearing to read 'Matt Macfarlane'.

Matt Macfarlane, Asbestos Lab Supervisor

The logo for NVLAP (National Voluntary Laboratory Accreditation Program). It features the letters 'NVLAP' in a large, stylized, outlined font. The 'A' is particularly large and has a unique shape. Below the letters, the words 'NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM' are written in a smaller, sans-serif font.

Lab Code: 102063-0

Enc.: Sample Results

Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Batch #: 1916056.00

Client Project #: 52509.000 Phase 0001

Date Received: 7/30/2019

Samples Received: 25

Samples Analyzed: 25

Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Attention: Mr. Aaron Lefore

Project Location: N-A

Lab ID: 19087395 **Client Sample #: 52509.000-0001**

Location: N-A

Layer 1 of 3 **Description:** Off-white wall vinyl with soft adhesive

Non-Fibrous Materials:	Other Fibrous Materials: %
Adhesive/Binder, Vinyl/Binder	None Detected ND

Asbestos Type: %
None Detected ND

Layer 2 of 3 **Description:** Off-white thin fibrous material

Non-Fibrous Materials:	Other Fibrous Materials: %
Adhesive/Binder, Binder/Filler	Cellulose 15%

Asbestos Type: %
None Detected ND

Layer 3 of 3 **Description:** White chalky material with layered paper

Non-Fibrous Materials:	Other Fibrous Materials: %
Adhesive/Binder, Binder/Filler, Calcareous particles	Cellulose 24%
Gypsum/Binder	Glass fibers 2%

Asbestos Type: %
None Detected ND

Lab ID: 19087396 **Client Sample #: 52509.000-0002**

Location: N-A

Layer 1 of 1 **Description:** Off-white compressed fibrous material with white coating and trace mastic

Non-Fibrous Materials:	Other Fibrous Materials: %
Binder/Filler, Calcareous particles, Glass beads	Cellulose 85%
Mastic/Binder, Perlite	Glass fibers 4%

Asbestos Type: %
None Detected ND

Lab ID: 19087397 **Client Sample #: 52509.000-0003**

Location: N-A

Layer 1 of 3 **Description:** Off-white tile

Non-Fibrous Materials:	Other Fibrous Materials: %
Binder/Filler, Calcareous particles, Mineral grains	None Detected ND

Asbestos Type: %
None Detected ND

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 2 of 3	Description: Yellow soft mastic	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Mastic/Binder	None Detected ND	None Detected ND
Layer 3 of 3	Description: Off-white compressed compacted powdery material with wood flakes	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Binder/Filler, Calcareous particles, Wood flakes	Wood fibers 3%	None Detected ND

Lab ID: 19087398 **Client Sample #: 52509.000-0004**

Location: N-A

Layer 1 of 2	Description: Tan rubbery material with thin soft vinyl surface	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Rubber/Binder, Vinyl/Binder	None Detected ND	None Detected ND
Layer 2 of 2	Description: Off-white soft mastic	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Mastic/Binder, Metallic flakes	Cellulose <1%	None Detected ND

Lab ID: 19087399 **Client Sample #: 52509.000-0005**

Location: N-A

Layer 1 of 6	Description: Tan rubbery material with thin soft vinyl surface	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Rubber/Binder, Vinyl/Binder	None Detected ND	None Detected ND
Layer 2 of 6	Description: Cream soft mastic	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Mastic/Binder	None Detected ND	None Detected ND
Layer 3 of 6	Description: White wall vinyl with soft adhesive	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Adhesive/Binder, Vinyl/Binder	None Detected ND	None Detected ND

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 4 of 6	Description: Off-white thin fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Adhesive/Binder, Binder/Filler	Cellulose 16%		None Detected ND
Layer 5 of 6	Description: White chalky material with layered paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous particles, Fine grains, Gypsum/Binder	Cellulose 30%		None Detected ND
	Mica	Glass fibers 3%		
Layer 6 of 6	Description: Off-white soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous particles, Mastic/Binder	None Detected ND		None Detected ND

Lab ID: 19087400 **Client Sample #: 52509.000-0006**
Location: N-A

Layer 1 of 1	Description: Off-white soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous particles, Mastic/Binder	None Detected ND		None Detected ND

Lab ID: 19087401 **Client Sample #: 52509.000-0007**
Location: N-A

Layer 1 of 1	Description: Off-white compressed fibrous material with white coating and thin mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Binder/Filler, Calcareous particles, Glass beads	Cellulose 80%		None Detected ND
	Mastic/Binder, Perlite	Glass fibers 4%		

Lab ID: 19087402 **Client Sample #: 52509.000-0008**
Location: N-A

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 3	Description: Off-white tile with clear thin adhesive surface			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Adhesive/Binder, Binder/Filler, Calcareous particles	None Detected ND		None Detected ND
Layer 2 of 3	Description: Yellow soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Mastic/Binder	None Detected ND		None Detected ND
Layer 3 of 3	Description: Off-white compressed compacted powdery material with trace thin wood flakes			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Binder/Filler, Calcareous particles, Wood flakes	Wood fibers 2%		None Detected ND
		Spider silk <1%		

Lab ID: 19087403 **Client Sample #: 52509.000-0009**
Location: N-A

Layer 1 of 1	Description: White fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Adhesive/Binder, Wood flakes	Cellulose <1%		None Detected ND
		Glass fibers 97%		

Lab ID: 19087404 **Client Sample #: 52509.000-0010**
Location: N-A

Layer 1 of 1	Description: Off-white soft/brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous particles, Mastic/Binder	None Detected ND		None Detected ND

Lab ID: 19087405 **Client Sample #: 52509.000-0011**
Location: N-A

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 3	Description: Beige tile with thin adhesive surface			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Adhesive/Binder, Binder/Filler, Calcareous particles	None Detected	ND	None Detected ND
	Mineral grains			
Layer 2 of 3	Description: Yellow soft/brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Mastic/Binder	None Detected	ND	None Detected ND
Layer 3 of 3	Description: Gray crumbly material with wood flakes			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Binder/Filler, Calcareous particles, Wood flakes	Cellulose	2%	None Detected ND

Lab ID: 19087406 **Client Sample #: 52509.000-0012**

Location: N-A

Layer 1 of 3	Description: Beige rubbery material with thin soft vinyl surface			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous particles, Rubber/Binder, Vinyl/Binder	None Detected	ND	None Detected ND
Layer 2 of 3	Description: Off-white soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Calcareous particles, Mastic/Binder	None Detected	ND	None Detected ND
Layer 3 of 3	Description: Off-white/tan fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
	Binder/Filler	Cellulose	25%	None Detected ND

Lab ID: 19087407 **Client Sample #: 52509.000-0013**

Location: N-A

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 3	Description: White wall vinyl with soft adhesive	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: % None Detected ND
		Adhesive/Binder, Vinyl/Binder	None Detected ND	
Layer 2 of 3	Description: Off-white thin fibrous material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: % None Detected ND
		Adhesive/Binder, Binder/Filler	Cellulose 16%	
Layer 3 of 3	Description: Off-white chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: % None Detected ND
		Calcareous particles, Gypsum/Binder	Cellulose 19%	
			Glass fibers 2%	

Lab ID: 19087408 **Client Sample #: 52509.000-0014**
Location: N-A

Layer 1 of 1	Description: White fibrous material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: % None Detected ND
		Adhesive/Binder, Wood flakes	Glass fibers 97%	

Lab ID: 19087409 **Client Sample #: 52509.000-0015**
Location: N-A

Layer 1 of 3	Description: Off-white tile with tan streaks and clear thin adhesive surface	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: % None Detected ND
		Adhesive/Binder, Binder/Filler, Calcareous particles	None Detected ND	
		Mineral grains		
Layer 2 of 3	Description: Tan soft/brittle mastic with trace thin wood flakes	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: % None Detected ND
		Insect parts, Mastic/Binder	Cellulose 2%	

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

		Wood fibers	3%		
Layer 3 of 3	Description:	Gray crumbly/brittle material			
		Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
		Binder/Filler, Calcareous particles	None Detected ND		None Detected ND
<hr/>					
Lab ID: 19087410		Client Sample #: 52509.000-0016			
Location: N-A					
Layer 1 of 3	Description:	White wall vinyl with soft adhesive			
		Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
		Adhesive/Binder, Vinyl/Binder	None Detected ND		None Detected ND
Layer 2 of 3	Description:	Off-white thin fibrous material			
		Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
		Adhesive/Binder, Binder/Filler	Cellulose 15%		None Detected ND
Layer 3 of 3	Description:	White chalky material with paper			
		Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
		Calcareous particles, Fine grains, Gypsum/Binder	Cellulose 20%		None Detected ND
		Mica	Glass fibers 3%		
<hr/>					
Lab ID: 19087411		Client Sample #: 52509.000-0017			
Location: N-A					
Layer 1 of 2	Description:	White fibrous material			
		Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
		Adhesive/Binder	Glass fibers 95%		None Detected ND
Layer 2 of 2	Description:	Trace thin tan paper with foil and adhesive			
		Non-Fibrous Materials:	Other Fibrous Materials:%		Asbestos Type: %
		Adhesive/Binder, Metal foil, Paint	Cellulose 10%		None Detected ND

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Batch #: 1916056.00

Client Project #: 52509.000 Phase 0001

Date Received: 7/30/2019

Samples Received: 25

Samples Analyzed: 25

Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Attention: Mr. Aaron Lefore

Project Location: N-A

Lab ID: 19087412 Client Sample #: 52509.000-0018

Location: N-A

Layer 1 of 2 Description: Off-white soft mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Mastic/Binder	Cellulose 3%	None Detected ND

Layer 2 of 2 Description: Gold thin brittle mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Mastic/Binder	None Detected ND	None Detected ND

Lab ID: 19087413 Client Sample #: 52509.000-0019

Location: N-A

Layer 1 of 1 Description: Off-white compressed fibrous material with white coating and mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Binder/Filler, Calcareous particles, Glass beads	Cellulose 88%	None Detected ND
Mastic/Binder, Perlite	Glass fibers 5%	

Lab ID: 19087414 Client Sample #: 52509.000-0020

Location: N-A

Layer 1 of 2 Description: Beige rubbery material with tin soft vinyl surface

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Rubber/Binder, Vinyl/Binder	None Detected ND	None Detected ND

Layer 2 of 2 Description: Off-white soft mastic with trace tan fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Binder/Filler, Calcareous particles, Mastic/Binder	Cellulose 10%	None Detected ND

Lab ID: 19087415 Client Sample #: 52509.000-0021

Location: N-A

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 1	Description: Off-white compressed fibrous material with white coating and mastic		
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Binder/Filler, Calcareous particles, Glass beads	Cellulose 80%	None Detected ND
	Mastic/Binder, Perlite	Glass fibers 3%	

Lab ID: 19087416 **Client Sample #: 52509.000-0022**

Location: N-A

Layer 1 of 3	Description: Off-white tile		
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Binder/Filler, Calcareous particles, Mineral grains	None Detected ND	None Detected ND

Layer 2 of 3	Description: Yellow brittle mastic		
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Mastic/Binder	None Detected ND	None Detected ND

Layer 3 of 3	Description: White compressed compacted powdery material		
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Binder/Filler, Calcareous particles	None Detected ND	None Detected ND

Lab ID: 19087417 **Client Sample #: 52509.000-0023**

Location: N-A

Layer 1 of 3	Description: Tan rubbery material with thin soft vinyl surface		
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Calcareous particles, Rubber/Binder, Vinyl/Binder	None Detected ND	None Detected ND

Layer 2 of 3	Description: Cream soft mastic		
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
	Calcareous particles, Mastic/Binder	None Detected ND	None Detected ND

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene
Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore
Project Location: N-A

Batch #: 1916056.00
Client Project #: 52509.000 Phase 0001
Date Received: 7/30/2019
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 3 of 3	Description: Tan fibrous material	Non-Fibrous Materials: Binder/Filler	Other Fibrous Materials:% Cellulose 19%	Asbestos Type: % None Detected ND
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Lab ID: 19087418 **Client Sample #: 52509.000-0024**

Location: N-A

Layer 1 of 4	Description: Yellow foamy material	Non-Fibrous Materials: Synthetic foam	Other Fibrous Materials:% None Detected ND	Asbestos Type: % None Detected ND
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Layer 2 of 4	Description: Off-white thin fibrous material	Non-Fibrous Materials: Adhesive/Binder, Binder/Filler	Other Fibrous Materials:% Cellulose 17%	Asbestos Type: % None Detected ND
---------------------	---	--	--	--

Layer 3 of 4	Description: Peach chalky material with paper	Non-Fibrous Materials: Calcareous particles, Gypsum/Binder	Other Fibrous Materials:% Cellulose 20% Glass fibers 3%	Asbestos Type: % None Detected ND
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Layer 4 of 4	Description: Pink fibrous material	Non-Fibrous Materials: Adhesive/Binder	Other Fibrous Materials:% Glass fibers 30%	Asbestos Type: % None Detected ND
---------------------	---	---	---	--

Lab ID: 19087419 **Client Sample #: 52509.000-0025**

Location: N-A

Comments: Qualitative analysis was conducted for the presence of asbestos fiber in layer 2 of this sample.

Layer 1 of 2	Description: Off-white tile with adhesive surface	Non-Fibrous Materials: Adhesive/Binder, Binder/Filler, Calcareous particles Mineral grains	Other Fibrous Materials:% None Detected ND	Asbestos Type: % None Detected ND
---------------------	--	--	---	--

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019

Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government



Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: PBS Environmental - Eugene

Address: 2645 Willamette Street Suite A
Eugene, OR 97405

Attention: Mr. Aaron Lefore

Project Location: N-A

Batch #: 1916056.00

Client Project #: 52509.000 Phase 0001

Date Received: 7/30/2019

Samples Received: 25

Samples Analyzed: 25

Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 2 of 2	Description: Yellow soft mastic with trace debris and wood flakes			Asbestos Type: % None Detected ND
	Non-Fibrous Materials:		Other Fibrous Materials: %	
	Debris, Fine particles, Mastic/Binder		Cellulose	
	Wood flakes, Sand		Glass fibers	
			Synthetic fibers	
			Spider silk	

Sampled by: Client

Analyzed by: Alla Prysyazhnyuk

Reviewed by: Matt Macfarlane

Date: 07/31/2019

Date: 07/31/2019


Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASBESTOS LABORATORY SERVICES



Company PBS Environmental - Eugene
Address 2645 Willamette Street Suite A
 Eugene, OR 97405
Project Manager Mr. Aaron Lefore
Phone (541) 686-8684
NVL Batch Number 1916056.00
TAT 3 Days **AH** No
Rush TAT
Due Date 8/2/2019 **Time** 9:50 AM
Email aaron.lefore@pbsusa.com
Fax (866) 727-0140

Project Name/Number: 52509.000 Phase 0001
Project Location: N-A

Subcategory PLM Bulk

Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 25

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	19087395	52509.000-0001		A
2	19087396	52509.000-0002		A
3	19087397	52509.000-0003		A
4	19087398	52509.000-0004		A
5	19087399	52509.000-0005		A
6	19087400	52509.000-0006		A
7	19087401	52509.000-0007		A
8	19087402	52509.000-0008		A
9	19087403	52509.000-0009		A
10	19087404	52509.000-0010		A
11	19087405	52509.000-0011		A
12	19087406	52509.000-0012		A
13	19087407	52509.000-0013		A
14	19087408	52509.000-0014		A
15	19087409	52509.000-0015		A
16	19087410	52509.000-0016		A
17	19087411	52509.000-0017		A
18	19087412	52509.000-0018		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Federal Express				

	Print Name	Signature	Company	Date	Time
Received by	Emily Schubert		NVL	7/30/19	950
Analyzed by	Alla Prysazhnyuk		NVL	7/31/19	
Results Called by					
<input type="checkbox"/> Faxed <input type="checkbox"/> Emailed					

Special Instructions:

Date: 7/30/2019
 Time: 1:18 PM
 Entered By: Emily Schubert

ASBESTOS LABORATORY SERVICES



Company PBS Environmental - Eugene
Address 2645 Willamette Street Suite A
 Eugene, OR 97405
Project Manager Mr. Aaron Lefore
Phone (541) 686-8684
NVL Batch Number 1916056.00
TAT 3 Days **AH** No
Rush TAT
Due Date 8/2/2019 **Time** 9:50 AM
Email aaron.lefore@pbsusa.com
Fax (866) 727-0140

Project Name/Number: 52509.000 Phase 0001
Project Location: N-A

Subcategory PLM Bulk
Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 25 **Rush Samples**

	Lab ID	Sample ID	Description	A/R
19	19087413	52509.000-0019		A
20	19087414	52509.000-0020		A
21	19087415	52509.000-0021		A
22	19087416	52509.000-0022		A
23	19087417	52509.000-0023		A
24	19087418	52509.000-0024		A
25	19087419	52509.000-0025		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Federal Express				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Emily Schubert		NVL	7/30/19	950
Analyzed by	Alla Prysyzhnyuk		NVL	7/31/19	
Results Called by					
<input type="checkbox"/> Faxed <input type="checkbox"/> Emailed					

Special Instructions:

Date: 7/30/2019
 Time: 1:18 PM
 Entered By: Emily Schubert



1916056

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

Project No.: 52509.000 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: July 29, 2019

PBS Engineering and Environmental Inc.
2645 Willamette Street #A
Eugene, OR 97405
541.686.8684, Fax: 866.727.0140

Aaron Lefore

Name

Authorized Signature

7/29/2019 12:30
Date Time

RECEIVER

Date Received: 7/30/19

Company: NVL Labs, Inc.
Address: 4708 Aurora Ave. North
Seattle, WA 98103
(206)547-0100

Emily S

Name

Authorized Signature

7/30 950fedep
Date Time

Sender's ID No.

Brief Description

Receiver's ID No.

52509.000-0001

52509.000-0002

52509.000-0003

52509.000-0004

52509.000-0005

52509.000-0006

52509.000-0007

52509.000-0008

52509.000-0009

52509.000-0010

52509.000-0011

52509.000-0012

52509.000-0013

52509.000-0014



1916056

TRANSMITTAL AND CHAIN OF CUSTODY FOR ASBESTOS BULK SAMPLES

52509.000-0015

52509.000-0016

52509.000-0017

52509.000-0018

52509.000-0019

52509.000-0020

52509.000-0021

52509.000-0022

52509.000-0023

52509.000-0024

52509.000-0025

Please analyze the enclosed 25 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:

Please email results to:
aaron.lcfore@pbsusa.com Thank you!

THIS IS TO CERTIFY THAT

JOSE HERRERA

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:

04/18/2019

Course Location:

Eugene, OR

Certificate:

IR-19-4518B



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:

04/18/2020

For verification of the authenticity of this
certificate contact:
PBS Environmental
4412 SW Corbett Avenue
Portland, OR 97239
(503) 248-1939

A handwritten signature in black ink, reading 'Greg M. Baker'.

Greg Baker, Instructor

THIS IS TO CERTIFY THAT
AARON LEFORE
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

Course Date: 3/11/2019 - 3/13/2019

Course Location: Portland, OR

Certificate: IN-19-7318B



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

Expiration Date: 03/13/2020

For verification of the authenticity of this
certificate contact:
PBS Environmental
4412 SW Corbett Avenue
Portland, OR 97239
(503) 248-1939

A handwritten signature in black ink, appearing to read 'Gregory M. Baker', is written over a horizontal line.

Greg Baker, Instructor