



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

Notice of Intent to Remove Asbestos

Case #: 24-544

Amendment: 0

Date Received: 8/6/2024

Date Paid: 8/6/2024

SWCAA Fee: \$738.00

Receipt #: 160679914

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

*** EMERGENCY NOTICE ***

Quantity to be removed: 165 Square Feet 0 Linear Feet

Workshift days: W

Project starting date: 8/7/2024 Project Completion date: 8/7/2024

Workshift hours: 8:30 am -5:30 pm

Site Name: Curtis Knopp Residence

Site address: 2215 NE 68th St

Location of Asbestos: Utility Room, Hallway, Kitchen

City/State/Zip: Vancouver WA 98665

☐ Demolition of Structure (Notification of Demolition required)

County: CLARK COUNTY

☒ Asbestos survey conducted?

No survey reason:

AHERA Inspector: Ryan Englegau

Certification #: IRO-24-1269C

Material to be Removed:

- | | | | | | |
|--|--|------------------------------|---|--|------------------------------------|
| <input type="checkbox"/> Fireproofing | <input type="checkbox"/> Popcorn Ceiling | <input type="checkbox"/> CAB | <input checked="" type="checkbox"/> Sheet Vinyl | <input type="checkbox"/> Boiler Insulation | <input type="checkbox"/> Duct Tape |
| <input type="checkbox"/> Duct Paper | <input type="checkbox"/> Mag Pipe Insulation | | <input type="checkbox"/> Air Cell | <input type="checkbox"/> CA Pipe | <input type="checkbox"/> VAT |
| <input type="checkbox"/> Other Drywall/Texture | | | | | |

Control Methods:

- | | | | | | |
|---|------------------------------------|---|---------------------------------------|---|--|
| <input checked="" type="checkbox"/> N.P Enclosure | <input type="checkbox"/> Glove Bag | <input type="checkbox"/> Mini Enclosure | <input type="checkbox"/> Wrap and Cut | <input checked="" type="checkbox"/> Water | <input checked="" type="checkbox"/> HEPA Vac |
| <input type="checkbox"/> Other manual methods | | | | | |

Asbestos Contractor: Chinook Restoration dba Paul Davis Restoration

Phone: 800-951-9283

Mailing Address:

Email: tony.altamirano@pauldavis.com

Certification ##: ABCN00001738

Supervisor: Lucio Ramirez

Phone: 360-500-3595

Property Owner: Curtis Knopp

Phone: 360-521-4064

Mailing Address: 2215 NE 68th St, Vancouver WA 98665

Asbestos Disposal Site: Hillsboro Landfill: 3205 SE Minter Bridge Rd, Hillsboro, OR, 97123-

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

Submitter Name: Tony Altamirano

Representing: Chinook Restoration dba Paul

Submitter Title: Project Manager

Date Submitted: 8/6/2024

Reviewed by SWCAA: Danielle Kreps

Danielle Kreps

☒ Approved



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

Notice of Intent to Remove Asbestos

Case #: 24-544

Amendment: 0

Date Received: 8/6/2024

Date Paid: 8/6/2024

SWCAA Fee: \$738.00

Receipt #: 160679914

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



OR CCB# 177149 * OR DEQ ABATEMENT FS-2023-00855

WA L & I REGISTRATION # PAULD**932L5 * WA L & I ABATEMENT #ABCN00001738

Pre-Renovation Hazardous Building Materials Survey Report

2215 NE 68th St.

Vancouver, WA, 98665

Prepared for: Curtis Knopp

Prepared by: Ryan Engलगau : 971-707-5292

Certification #: IRO-24-1269C

Paul Davis Restoration
1800 W Fourth Plain Blvd. Suite 120B, Vancouver, WA 98660

Project Number: GVWA-24-6304-E

1.0 Introduction

Paul Davis has completed a Limited Hazardous Building Materials Survey prior to renovation for Curtis Knopp at a site located at 2215 NE 68th St. Vancouver, WA, 98665. The survey for asbestos containing materials was completed on July 26th, 2024, at the direction of Curtis Knopp by Ryan

Engelgau (Certificate # IRO-24-1269C), an accredited AHERA Building Inspector under 40 CFR, Part 763, Subpart E, and Appendix C. This report presents the asbestos survey methods, findings, and recommendations.

2.0 Purpose and Scope

Various local, state, and federal regulations govern the use and management of Asbestos Containing materials (ACM). The codes are generally focused on preventing airborne emissions of asbestos fibers and addressing public and worker health concerns for exposure to asbestos during demolition or renovation projects. The Environmental Protection Agency (EPA) requires that any material that contains greater than 1% asbestos be handled as an asbestos containing material.

3.0 Suspect Materials Tested or Asbestos Content

The number of samples taken for any surfacing material is determined by 40CFR Part 763.86, which requires:

- 3 samples for each material that is present in quantities of 1,000 SF or less.
- 5 samples for each material that is present in quantities of 1,000 SF – 5,000 SF.
- 7 samples for each material that is present in quantities greater than 5,000 SF.

All samples collected were analyzed by a third-party laboratory using stereo light microscopy to prepare samples along with polarized light microscopy to petrologically analyze samples. The samples were analyzed with dispersion methods in accordance with EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499504. Polarizing light microscopy can quantify asbestos concentrations between 1% - 100% detection levels. All levels below 1% can only be stated as trace, if point counting is applicable (A technique used to determine the relative projected areas occupied by separate components in a microscope slide preparation of a sample. For asbestos analysis, this technique is used to determine the relative concentrations of asbestos minerals to Non asbestos sample components). All asbestos concentrations in samples are determined by visual estimation. For each sample, three separate slides were prepared to ensure accuracy and prior to analysis; blind quality control samples were selected and analyzed to ensure accuracy in sample analysis. The following materials were tested for asbestos content. All samples were tested by Ryan Carpenter at Atlas Labs located at 5620 NE Gher Rd. Suite H, Vancouver WA. 98662. Phone # 360-334-5173.

TABLE 1: Material Sample Results

<u>Sample #</u>	<u>Sample Location</u>	<u>Sampled Material</u>	<u>Friable Y/N</u>	<u>ACM Type</u>	<u>Material Description</u>	<u>ACM%</u>	<u>Approximate Quantity</u>	<u>Condition Fair, Good, Poor</u>
1	S1 L1	Vinyl	N	Chrysotile	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	25%	-	-
2	S1 L2	Mastic	N	Chrysotile	Mastic (Brown) - Kitchen Floor	2%	-	-
3	S2 L1	Vinyl	N	Chrysotile	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	25%	-	-
4	S2 L2	Mastic	N	Chrysotile	Mastic (Brown) - Kitchen Floor	2%	-	-
5	S3 L1	Vinyl	N	Chrysotile	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	25%	-	-
6	S3 L2	Mastic	N	Chrysotile	Mastic (Brown) - Kitchen Floor	2%	-	-
7	S4 L1	Drywall	Y	N/A	Drywall (White) - Utility Room Wall	N/D	-	-
8	S4 L2	Texture	Y	N/A	Texture (Tan) - Utility Room Wall	N/D	-	-
9	S5 L1	Drywall	Y	N/A	Drywall (White) - Utility	N/D	-	-

					Room Wall			
10	S5 L2	Texture	Y	N/A	Texture (Tan) - Utility Room Wall	N/D	-	-
11	S5 L3	Mastic	Y	N/A	Mastic (Yellow) - Utility Room Wall	N/D	-	-
12	S5 L4	Joint Compound	Y	N/A	Joint Compound (Tan) - Utility Room Wall	N/D	-	-
13	S6 L1	Drywall	Y	N/A	Drywall (White) - Utility Room Wall	N/D	-	-
14	S6 L2	Texture	Y	N/A	Texture (White) - Utility Room Wall	N/D	-	-

4.0 Discussion of Findings

Asbestos Containing Materials: The EPA defines ACM as “any material containing more than one percent asbestos”. OSHA has adopted federal regulation governing asbestos (29 CR Part 1926.1101). These regulations address work procedures and how asbestos-containing materials are removed. Hazard communication, training, personal protection, work practices, exposure monitoring, and recordkeeping are all major components of the regulation.

5.0 Subject Site Description

The subject site is a 1,776q. ft., single-story residential structure built in 1979. It is built on a crawlspace foundation type.

6.0 Survey Methodology

The scope of the service includes identification of any suspected ACM within the specific areas that could be impacted by upcoming activities, to bulk sample and analyze those suspect materials and to provide a report of findings. Bulk samples were collected in a representative manner by the AHERA Inspector based on suspected material contents, as defined by regulatory code guidance for sampling methods.

7.0 Recommendations

The report represents Paul Davis's findings based on the scope of services agreed to by the client and within the client's budget and schedule. All findings are based on current site conditions at the time of the survey and on known regulations at the time. All activities impacting ACM should be conducted by a Licensed Asbestos Abatement Contractor in compliance with OAR 340-248 and using Certified Asbestos Workers under the direction of a Certified Asbestos Supervisor. Paul Davis recommends that any impact to the materials greater than 1% listed as asbestos containing in this report be conducted using approved asbestos abatement methods including notification to the local air pollution authority, Oregon Department of Environmental Quality (DEQ), SWCAA/ L & I, wet removal methods, engineering controls to capture any fibers during removal. For materials less than 1%, we recommend that a Negative Exposure Assessment (NEA) be produced prior to extensive renovation by the client, to provide for OSHA compliance required in 29 CFR 1910.1001.

8.0 Limitations of Testing and Survey

Asbestos surveys are non-comprehensive by nature and subject to many limitations including those presented. While areas specified by client were sampled, areas behind walls and covered by structural members or materials requiring destructive means to access which could not be found with reasonable diligence were not sampled during the initial survey. In addition, any areas not specified by the client to be sampled cannot be assumed to be free of asbestos as no survey to determine asbestos content was performed in these areas.

9.0 Special Terms and Conditions

No prior Inspection by Paul Davis Restoration has been performed on the property and all owner-specified investigations are to be conducted at the time of the initial survey. A representative number of samples were taken to ensure full accounting of potential ACM, while keeping sampling and analysis in compliance with DEQ regulations.

Accredited Inspector Information

Name: Ryan Engelgau

Phone Number: 971-707-5292

Email: ryan.engelgau@pauldavis.com

Certificate Number: IRO-24-1269C

Copy of Certificate: See Below

THIS IS TO CERTIFY THAT

RYAN ENGELGAU

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ONLINE AHERA ASBESTOS INSPECTOR REFRESHER

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

Course Date: 03/20/2024

Course Location: Online

Certificate: IRO-24-1269C



CCB #SRA0615 4-Hr Training


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

Expiration Date: 03/20/2025

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

A handwritten signature in black ink, reading "Andy Fridley".

Andy Fridley, Instructor

 **Atlas Labs**

Name / Company Name:	Paul Davis Rest.	Phone:	(360) 823-1388
Contact Email:	ryan.engelgau@pauldavis.com		
Job Name:	Curtis Knapp	Job/Project:	6250-E
Address/Project Location:	1917 F Street Vancouver, WA		

<input checked="" type="checkbox"/>	Asbestos PLM
<input type="checkbox"/>	Lead Paint
<input type="checkbox"/>	Other

2215 NE 68th
St., Vancouver
WA
98665

Special Instructions:			
Client Sign Here: Ryan Engelgau		Date: 07/26/24	Time: 3:00
Atlas: Accepted By: Kelly Katona		Date: 7.26.2024	Time: 3:00
Credit Card:	Cash:	Check #	Amount:
Lab Results Completed By: [Signature]		Date Sent Out: 07-24-24	Email/Mail

*Atlas charges a per sample fee and not by layer. One sample fee equals four layers. Additional layers will result in an additional sample fee.

* Per Client request, job address and job number were updated, as they were provided to us incorrectly. - 7/29, NW *



Batch # 2022 *

22-1466001

Name / Company *

Paul Davis Restoration of
Vancouver/Portland

Analysis Date *

07/26/2024

Project Name

Curtis Knopp

Project #

6304-E

PO #

Analyst *

Ryan Carpenter

Project Location *

2215 NE 68th St.,
Vancouver, WA 98665

Turnaround Time *

Rush

Asbestos Analysis of Bulk Material by Polarized Light Microscopy

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
1	1	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	Cellulose	Chrysotile	25%
1	2	Mastic (Brown) - Kitchen Floor	Cellulose	Chrysotile	2%
2	1	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	Cellulose	Chrysotile	25%
2	2	Mastic (Brown) - Kitchen Floor	Cellulose	Chrysotile	2%
3	1	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	Cellulose	Chrysotile	25%
3	2	Mastic (Brown) - Kitchen Floor	Cellulose	Chrysotile	2%
4	1	Drywall (White) - Utility Room Wall	Cellulose	None Present	N/D
4	2	Texture (Tan) - Utility Room Wall	Cellulose	None Present	N/D
5	1	Drywall (White) - Utility Room Wall	Cellulose	None Present	N/D
5	2	Texture (White) - Utility Room Wall	Cellulose	None Present	N/D
5	3	Mastic (Yellow) - Utility Room Wall	Cellulose	None Present	N/D
5	4	Joint Compound (Tan) - Utility Room Wall	Cellulose	None Present	N/D
6	1	Drywall (White) - Utility Room Wall	Cellulose	None Present	N/D

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
6	2	Texture (White) - Utility Room Wall	Cellulose	None Present	N/D

To Be Filled by the Technician

Technician *



Atlas Laboratories maintains liability to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full without written permission by Atlas. Atlas bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST, NIOSH or any other agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore Atlas recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Transmission Electron Microscopy asbestos identification and lead paint analysis will be available and performed by laboratories by proxy. Original analysis documents are available upon request of the client.



OR CCB# 177149 * OR DEQ ABATEMENT FS-2023-00855

WA L & I REGISTRATION # PAULD**932L5 * WA L & I ABATEMENT #ABCN00001738

Pre-Renovation Hazardous Building Materials Survey Report

2215 NE 68th St.

Vancouver, WA, 98665

Prepared for: Curtis Knopp

Prepared by: Ryan Engelgau : 971-707-5292

Certification #: IRO-24-1269C

Paul Davis Restoration
1800 W Fourth Plain Blvd. Suite 120B, Vancouver, WA 98660

Project Number: GVWA-24-6304-E

1.0 Introduction

Paul Davis has completed a Limited Hazardous Building Materials Survey prior to renovation for Curtis Knopp at a site located at 2215 NE 68th St. Vancouver, WA, 98665. The survey for asbestos containing materials was completed on July 26th, 2024, at the direction of Curtis Knopp by Ryan

Engelgau (Certificate # IRO-24-1269C), an accredited AHERA Building Inspector under 40 CFR, Part 763, Subpart E, and Appendix C. This report presents the asbestos survey methods, findings, and recommendations.

2.0 Purpose and Scope

Various local, state, and federal regulations govern the use and management of Asbestos Containing materials (ACM). The codes are generally focused on preventing airborne emissions of asbestos fibers and addressing public and worker health concerns for exposure to asbestos during demolition or renovation projects. The Environmental Protection Agency (EPA) requires that any material that contains greater than 1% asbestos be handled as an asbestos containing material.

3.0 Suspect Materials Tested or Asbestos Content

The number of samples taken for any surfacing material is determined by 40CFR Part 763.86, which requires:

- 3 samples for each material that is present in quantities of 1,000 SF or less.
- 5 samples for each material that is present in quantities of 1,000 SF – 5,000 SF.
- 7 samples for each material that is present in quantities greater than 5,000 SF.

All samples collected were analyzed by a third-party laboratory using stereo light microscopy to prepare samples along with polarized light microscopy to petrologically analyze samples. The samples were analyzed with dispersion methods in accordance with EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499504. Polarizing light microscopy can quantify asbestos concentrations between 1% - 100% detection levels. All levels below 1% can only be stated as trace, if point counting is applicable (A technique used to determine the relative projected areas occupied by separate components in a microscope slide preparation of a sample. For asbestos analysis, this technique is used to determine the relative concentrations of asbestos minerals to Non asbestos sample components). All asbestos concentrations in samples are determined by visual estimation. For each sample, three separate slides were prepared to ensure accuracy and prior to analysis; blind quality control samples were selected and analyzed to ensure accuracy in sample analysis. The following materials were tested for asbestos content. All samples were tested by Ryan Carpenter at Atlas Labs located at 5620 NE Gher Rd. Suite H, Vancouver WA. 98662. Phone # 360-334-5173.

TABLE 1: Material Sample Results

<u>Sample #</u>	<u>Sample Location</u>	<u>Sampled Material</u>	<u>Friable Y/N</u>	<u>ACM Type</u>	<u>Material Description</u>	<u>ACM%</u>	<u>Approximate Quantity</u>	<u>Condition Fair, Good, Poor</u>
1	S1 L1	Vinyl	N	Chrysotile	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	25%	-	-
2	S1 L2	Mastic	N	Chrysotile	Mastic (Brown) - Kitchen Floor	2%	-	-
3	S2 L1	Vinyl	N	Chrysotile	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	25%	-	-
4	S2 L2	Mastic	N	Chrysotile	Mastic (Brown) - Kitchen Floor	2%	-	-
5	S3 L1	Vinyl	N	Chrysotile	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	25%	-	-
6	S3 L2	Mastic	N	Chrysotile	Mastic (Brown) - Kitchen Floor	2%	-	-
7	S4 L1	Drywall	Y	N/A	Drywall (White) - Utility Room Wall	N/D	-	-
8	S4 L2	Texture	Y	N/A	Texture (Tan) - Utility Room Wall	N/D	-	-
9	S5 L1	Drywall	Y	N/A	Drywall (White) - Utility	N/D	-	-

					Room Wall			
10	S5 L2	Texture	Y	N/A	Texture (Tan) - Utility Room Wall	N/D	-	-
11	S5 L3	Mastic	Y	N/A	Mastic (Yellow) - Utility Room Wall	N/D	-	-
12	S5 L4	Joint Compound	Y	N/A	Joint Compound (Tan) - Utility Room Wall	N/D	-	-
13	S6 L1	Drywall	Y	N/A	Drywall (White) - Utility Room Wall	N/D	-	-
14	S6 L2	Texture	Y	N/A	Texture (White) - Utility Room Wall	N/D	-	-

4.0 Discussion of Findings

Asbestos Containing Materials: The EPA defines ACM as “any material containing more than one percent asbestos”. OSHA has adopted federal regulation governing asbestos (29 CR Part 1926.1101). These regulations address work procedures and how asbestos-containing materials are removed. Hazard communication, training, personal protection, work practices, exposure monitoring, and recordkeeping are all major components of the regulation.

5.0 Subject Site Description

The subject site is a 1,776q. ft., single-story residential structure built in 1979. It is built on a crawlspace foundation type.

6.0 Survey Methodology

The scope of the service includes identification of any suspected ACM within the specific areas that could be impacted by upcoming activities, to bulk sample and analyze those suspect materials and to provide a report of findings. Bulk samples were collected in a representative manner by the AHERA Inspector based on suspected material contents, as defined by regulatory code guidance for sampling methods.

7.0 Recommendations

The report represents Paul Davis's findings based on the scope of services agreed to by the client and within the client's budget and schedule. All findings are based on current site conditions at the time of the survey and on known regulations at the time. All activities impacting ACM should be conducted by a Licensed Asbestos Abatement Contractor in compliance with OAR 340-248 and using Certified Asbestos Workers under the direction of a Certified Asbestos Supervisor. Paul Davis recommends that any impact to the materials greater than 1% listed as asbestos containing in this report be conducted using approved asbestos abatement methods including notification to the local air pollution authority, Oregon Department of Environmental Quality (DEQ), SWCAA/ L & I, wet removal methods, engineering controls to capture any fibers during removal. For materials less than 1%, we recommend that a Negative Exposure Assessment (NEA) be produced prior to extensive renovation by the client, to provide for OSHA compliance required in 29 CFR 1910.1001.

8.0 Limitations of Testing and Survey

Asbestos surveys are non-comprehensive by nature and subject to many limitations including those presented. While areas specified by client were sampled, areas behind walls and covered by structural members or materials requiring destructive means to access which could not be found with reasonable diligence were not sampled during the initial survey. In addition, any areas not specified by the client to be sampled cannot be assumed to be free of asbestos as no survey to determine asbestos content was performed in these areas.

9.0 Special Terms and Conditions

No prior Inspection by Paul Davis Restoration has been performed on the property and all owner-specified investigations are to be conducted at the time of the initial survey. A representative number of samples were taken to ensure full accounting of potential ACM, while keeping sampling and analysis in compliance with DEQ regulations.

Accredited Inspector Information

Name: Ryan Engelgau

Phone Number: 971-707-5292

Email: ryan.engelgau@pauldavis.com

Certificate Number: IRO-24-1269C

Copy of Certificate: See Below

THIS IS TO CERTIFY THAT

RYAN ENGELGAU

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ONLINE AHERA ASBESTOS INSPECTOR REFRESHER

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

Course Date: 03/20/2024

Course Location: Online

Certificate: IRO-24-1269C



CCB #SRA0615 4-Hr Training

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

Expiration Date: 03/20/2025

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

A handwritten signature in black ink, reading "Andy Fridley".

Andy Fridley, Instructor

Name / Company Name:	Paul Davis Rest.	Phone:	(360) 823-1388
Contact Email:	ryan.engelgau@pauldavis.com		
Job Name:	Curtis Knapp	Job/Project:	6250-E
Address/Project Location:	1917 F Street Vancouver, WA		

<input checked="" type="checkbox"/>	Asbestos PLM
<input type="checkbox"/>	Lead Paint
<input type="checkbox"/>	Other

[illegible]

Client Sign Here: <i>Ryan Engelgau</i>		Date: <i>07/26/24</i>	Time: <i>3:00 pm</i>
Atlas: Accepted By: <i>Kelly Katena</i>		Date: <i>7.26.2024</i>	Time: <i>3:00</i>
Credit Card:	Cash:	Check #	Amount: \$
Lab Results Completed By: <i>R. Port</i>		Date Sent Out: <i>07-26-24</i>	Email/Mail

Of



Batch # 2022 *

22-1466001

Name / Company *

Paul Davis Restoration of
Vancouver/Portland

Analysis Date *

07/26/2024

Project Name

Curtis Knapp

Project #

6250-E

PO #

Analyst *

Ryan Carpenter

Project Location *

1917 F Street, Vancouver,
WA

Turnaround Time *

Rush

Asbestos Analysis of Bulk Material by Polarized Light Microscopy

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
1	1	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	Cellulose	Chrysotile	25%
1	2	Mastic (Brown) - Kitchen Floor	Cellulose	Chrysotile	2%
2	1	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	Cellulose	Chrysotile	25%
2	2	Mastic (Brown) - Kitchen Floor	Cellulose	Chrysotile	2%
3	1	Vinyl (Beige, Multicolor Mosaic Pattern) - Kitchen Floor	Cellulose	Chrysotile	25%
3	2	Mastic (Brown) - Kitchen Floor	Cellulose	Chrysotile	2%
4	1	Drywall (White) - Utility Room Wall	Cellulose	None Present	N/D
4	2	Texture (Tan) - Utility Room Wall	Cellulose	None Present	N/D
5	1	Drywall (White) - Utility Room Wall	Cellulose	None Present	N/D
5	2	Texture (White) - Utility Room Wall	Cellulose	None Present	N/D
5	3	Mastic (Yellow) - Utility Room Wall	Cellulose	None Present	N/D
5	4	Joint Compound (Tan) - Utility Room Wall	Cellulose	None Present	N/D
6	1	Drywall (White) - Utility Room Wall	Cellulose	None Present	N/D

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
6	2	Texture (White) - Utility Room Wall	Cellulose	None Present	N/D

To Be Filled by the Technician

Technician *



Atlas Laboratories maintains liability to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full without written permission by Atlas. Atlas bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST, NIOSH or any other agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore Atlas recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Transmission Electron Microscopy asbestos identification and lead paint analysis will be available and performed by laboratories by proxy. Original analysis documents are available upon request of the client.



OR CCB# 177149 * OR DEQ ABATEMENT FS-2023-00855

WA L & I REGISTRATION # PAULD**932L5 * WA L & I ABATEMENT #ABCN00001738

Pre-Renovation Hazardous Building Materials Survey Report

222 Mt Pleasant Rd

Washougal, WA, 98671

Prepared for: Paul Davis Restoration

Prepared by: Ryan Engelgau: 971-707-5292

Certification #: IRO-24-1269C

Paul Davis Restoration
1800 W. Fourth Plain Blvd. Suite 120B, Vancouver WA 98660

Project Number: GVWA-24-6279-E

1.0 Introduction

Paul Davis has completed a Limited Hazardous Building Materials Survey prior to renovation for Roy and Julianne Moses at a site located at 222 Mt Pleasant Rd Washougal, WA, 98671. The survey for asbestos containing materials was completed on August 2nd, 2024, at the request of Roy and Julianne Moses by Ryan Engelgau (Certificate # IRO-24-1269C), an accredited AHERA Building Inspector under 40 CFR, Part 763, Subpart E, and Appendix C. This report presents the asbestos survey methods, findings, and recommendations.

2.0 Purpose and Scope

Various local, state, and federal regulations govern the use and management of Asbestos Containing materials (ACM). The codes are generally focused on preventing airborne emissions of asbestos fibers and addressing public and worker health concerns for exposure to asbestos during demolition or renovation projects. The Environmental Protection Agency (EPA) requires that any material that contains greater than 1% asbestos be handled as an asbestos containing material.

3.0 Suspect Materials Tested or Asbestos Content

The number of samples taken for any surfacing material is determined by 40CFR Part 763.86, which requires:

- 3 samples for each material that is present in quantities of 1,000 SF or less.
- 5 samples for each material that is present in quantities of 1,000 SF – 5,000 SF.
- 7 samples for each material that is present in quantities greater than 5,000 SF.

All samples collected were analyzed by a third-party laboratory using stereo light microscopy to prepare samples along with polarized light microscopy to petrologically analyze samples. The samples were analyzed with dispersion methods in accordance with EPA method 600/R-93/116 as specified in 40 CFR Chapter I (7-1-93 edition) Part 763, Subpart F, Appendix A, pages 499504. Polarizing light microscopy can quantify asbestos concentrations between 1% - 100% detection levels. All levels below 1% can only be stated as trace, if point counting is applicable (A technique used to determine the relative projected areas occupied by separate components in a microscope slide preparation of a sample. For asbestos analysis, this technique is used to determine the relative concentrations of asbestos minerals to Non asbestos sample components). All asbestos concentrations in samples are determined by visual estimation. For each sample, three separate slides were prepared to ensure accuracy and prior to analysis; blind quality control samples were selected and analyzed to ensure accuracy in sample analysis. The following materials were tested for asbestos content. All samples were tested by Crossland Kapaun on report at Atlas Labs located at 5620 NE Gher Rd. Suite H, Vancouver WA. 98662. Phone #360-334-5173.

TABLE 1: Material Sample Results

<u>Sample #</u>	<u>Sample Location</u>	<u>Sampled Material</u>	<u>Friable Y/N</u>	<u>ACM Type</u>	<u>Material Description</u>	<u>ACM%</u>	<u>Approximate Quantity</u>	<u>Condition Fair, Good, Poor</u>
1	S1 L1	Vinyl	N	N/A	Vinyl (Grey) - Bathroom Flooring 1 st Layer	N/D	-	-
2	S1 L2	Mastic	N	N/A	Mastic (Yellow) - Bathroom Flooring 1 st Layer	N/D	-	-
3	S2 L1	Vinyl	N	N/A	Vinyl (Grey) - Bathroom Flooring 1 st Layer	N/D	-	-
4	S2 L2	Mastic	N	N/A	Mastic (Yellow) - Bathroom Flooring 1 st Layer	N/D	-	-
5	S3 L1	Vinyl	N	N/A	Vinyl (Grey) - Bathroom Flooring 1 st Layer	N/D	-	-
6	S3 L2	Mastic	N	N/A	Mastic (Yellow) - Bathroom Flooring 1 st Layer	N/D	-	-
7	S3 L3	Caulking	N	N/A	Caulking (White) - Bathroom Flooring 1 st Layer	N/D	-	-
8	S4 L1	Vinyl	N	Chrysotile	Vinyl (Red / Tan / White) - Bathroom Flooring 2 nd Layer	25%	-	-

9	S4 L1	Mastic	N	Chrysotile	Mastic (Yellow) - Bathroom Flooring 2 nd Layer	2%	-	-
10	S5 L1	Vinyl	N	Chrysotile	Vinyl (Red / Tan / White) - Bathroom Flooring 2 nd Layer	25%	-	-
11	S5 L2	Mastic	N	Chrysotile	Mastic (Yellow) - Bathroom Flooring 2 nd Layer	2%	-	-
12	S6 L1	Vinyl	N	Chrysotile	Vinyl (Res / Tan / White) - Bathroom Flooring 2 nd Layer	25%	-	-
13	S6 L2	Mastic	N	Chrysotile	Mastic (Yellow) - Bathroom Flooring 2 nd Layer	2%	-	-
14	S7 L1	Drywall	Y	N/A	Drywall (White) - Bathroom	N/D	-	-
15	S7 L2	Texture	Y	N/A	Texture (White) - Bathroom	N/D	-	-
16	S8 L1	Drywall	Y	N/A	Drywall (White) - Bathroom	N/D	-	-
17	S8 L2	Texture	Y	N/A	Texture (White) - Bathroom	N/D	-	-
18	S9 L1	Drywall	Y	N/A	Drywall (White) - Bathroom	N/D	-	-

19	S9 L2	Texture	Y	N/A	Texture (White) - Bathroom	N/D	-	-
----	-------	---------	---	-----	----------------------------	-----	---	---

4.0 Discussion of Findings

Asbestos Containing Materials: The EPA defines ACM as “any material containing more than one percent asbestos”. OSHA has adopted federal regulation governing asbestos (29 CR Part 1926.1101). These regulations address work procedures and how asbestos-containing materials are removed. Hazard communication, training, personal protection, work practices, exposure monitoring, and recordkeeping are all major components of the regulation.

5.0 Subject Site Description

The subject site is a 1,056sq. ft., single-story residential structure built in 1983. It is built on a concrete block foundation, wood frame construction.

6.0 Survey Methodology

The scope of the service includes identification of any suspected ACM within the specific areas that could be impacted by upcoming activities, to bulk sample and analyze those suspect materials and to provide a report of findings. Bulk samples were collected in a representative manner by the AHERA Inspector based on suspected material contents, as defined by regulatory code guidance for sampling methods.

7.0 Recommendations

The report represents Paul Davis's findings based on the scope of services agreed to by the client and within the client's budget and schedule. All findings are based on current site conditions at the time of the survey and on known regulations at the time. All activities impacting ACM should be conducted by a Licensed Asbestos Abatement Contractor in compliance with OAR 340-248 and using Certified Asbestos Workers under the direction of a Certified Asbestos Supervisor. Paul Davis recommends that any impact to the materials greater than 1% listed as asbestos containing in this report be conducted using approved asbestos abatement methods including notification to the local air pollution authority, Oregon Department of Environmental Quality (DEQ), SWCAA/ L & I, wet removal methods, engineering controls to capture any fibers during removal. For materials less than 1%, we recommend that a Negative Exposure Assessment (NEA) be produced prior to extensive renovation by the client, to provide for OSHA compliance required in 29 CFR 1910.1001.

8.0 Limitations of Testing and Survey

Asbestos surveys are non-comprehensive by nature and subject to many limitations including those presented. While areas specified by client were sampled, areas behind walls and covered by structural members or materials requiring destructive means to access which could not be found with reasonable diligence were not sampled during the initial survey. In addition, any areas not specified by the client to

be sampled cannot be assumed to be free of asbestos as no survey to determine asbestos content was performed in these areas.

9.0 Special Terms and Conditions

No prior Inspection by Paul Davis Restoration has been performed on the property and all owner-specified investigations are to be conducted at the time of the initial survey. A representative number of samples were taken to ensure full accounting of potential ACM, while keeping sampling and analysis in compliance with DEQ regulations.

Accredited Inspector Information

Name: Ryan Engelgau

Phone Number: 971-707-5292

Email: ryan.engelgau@pauldavis.com

Certificate Number: IRO-24-1269C

Copy of Certificate: See Below

THIS IS TO CERTIFY THAT

RYAN ENGELGAU

HAS SUCCESSFULLY COMPLETED THE TRAINING COURSE

for

ONLINE AHERA ASBESTOS INSPECTOR REFRESHER

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

Course Date: 03/20/2024

Course Location: Online

Certificate: IRO-24-1269C



CCB #SRA0615 4-Hr Training

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

Expiration Date: 03/20/2025

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

A handwritten signature in black ink, reading "Andy Fridley".

Andy Fridley, Instructor



Atlas Labs

Name / Company Name:	Paul Davis Rest.	Phone:	(360) 823-1388
Contact Email:	ryan.engelgau@pauldavis.com		
Job Name:	Moses, Roy and Juliann	Job/Project:	6279-E
Address/Project Location:	222 Mt Pleasant Rd. Washougal, WA		

<input checked="" type="checkbox"/>	Asbestos PLM
<input type="checkbox"/>	Lead Paint
<input type="checkbox"/>	Other

[illegible]

Client Sign Here: <i>Ryan Engelgau</i>		Date: <i>08/02/24</i>	Time: <i>2:40pm</i>
Atlas: Accepted By: <i>Kelly Katona</i>		Date: <i>08-02-2024</i>	Time: <i>2:40</i>
Credit Card:	Cash:	Check #	Amount: \$
Lab Results Completed By: <i>[Signature]</i>		Date Sent Out: <i>8/2/24</i>	Email/Mail

*Atlas charges a per sample fee and not by layer. One sample fee equals four layers. Additional layers will result in an additional sample fee.



Batch # 2022 *

22-1479601

Name / Company *

Paul Davis Restoration of
Vancouver/Portland

Analysis Date *

08/02/2024

Project Name

Moses, Roy and Julianne

Project #

6279-E

PO #

Analyst *

Crossland Kapaun

Project Location *

222 Mt. Pleasant Rd.,
Washougal, WA

Turnaround Time *

Rush

Asbestos Analysis of Bulk Material by Polarized Light Microscopy

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
1	1	Vinyl (Grey) - Bathroom Flooring 1st Layer	Cellulose / Fiberglass	None Present	N/D
1	2	Mastic (Yellow) - Bathroom Flooring 1st Layer	Cellulose	None Present	N/D
2	1	Vinyl (Grey) - Bathroom Flooring 1st Layer	Cellulose / Fiberglass	None Present	N/D
2	2	Mastic (Yellow) - Bathroom Flooring 1st Layer	Cellulose	None Present	N/D
3	1	Vinyl (Grey) - Bathroom Flooring 1st Layer	Cellulose / Fiberglass	None Present	N/D
3	2	Mastic (Yellow) - Bathroom Flooring 1st Layer	Cellulose	None Present	N/D
3	3	Caulking (White) - Bathroom Flooring 1st Layer	Cellulose	None Present	N/D
4	1	Vinyl (Red / Tan / White) - Bathroom Flooring 2nd Layer	Cellulose	Chrysotile	25%
4	2	Mastic (Yellow) - Bathroom Flooring 2nd Layer	Cellulose	Chrysotile	2%
5	1	Vinyl (Red / Tan / White) - Bathroom Flooring 2nd Layer	Cellulose	Chrysotile	25%

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
5	2	Mastic (Yellow) - Bathroom Flooring 2nd Layer	Cellulose	Chrysotile	2%
6	1	Vinyl (Red / Tan / White) - Bathroom Flooring 2nd Layer	Cellulose	Chrysotile	25%
6	2	Mastic (Yellow) - Bathroom Flooring 2nd Layer	Cellulose	Chrysotile	2%
7	1	Drywall (White) - Bathroom	Cellulose	None Present	N/D
7	2	Texture (White) - Bathroom	Cellulose	None Present	N/D
8	1	Drywall (White) - Bathroom	Cellulose	None Present	N/D
8	2	Texture (White) - Bathroom	Cellulose	None Present	N/D
9	1	Drywall (White) - Bathroom	Cellulose	None Present	N/D
9	2	Texture (White) - Bathroom	Cellulose	None Present	N/D

To Be Filled by the Technician
Technician *

Atlas Laboratories maintains liability to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full without written permission by Atlas. Atlas bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST, NIOSH or any other agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore Atlas recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Transmission Electron Microscopy asbestos identification and lead paint analysis will be available and performed by laboratories by proxy. Original analysis documents are available upon request of the client.