SWCAA
Southwest Clean Air Agency

Notice of Intent to Remove Asbestos

Case #: 24-214
Amendment: 0

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

Date Received: 4/5/2024
Date Paid: 4/5/2024
SWCAA Fee: $1,470.00
Receipt #: 153970565

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

*** EMERGENCY NOTICE ***

Quantity to be removed: 6866 Square Feet 0 Linear Feet
Workshift days: M T W Th F
Project starting date: 4/11/2024 Project Completion date: 4/19/2024
Workshift hours: 7:00 AM - 5:00 PM

Site Name: 1416 SE 97th Ave
Site address: 1416 SE 97th Ave
Location of Asbestos: Throughout the Home
City/State/Zip: Vancouver WA 98664
☐ Demolition of Structure (Notification of Demolition required)
County: CLARK COUNTY

☑ Asbestos survey conducted?
No survey reason: Asbestos Assumed
AHERA Inspector: Dalton LaFever
Certification #: IRO-24-0908C

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 Drywall

Control Methods:

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

Asbestos Contractor: Alpha Environmental Services Inc.
Phone: 971-713-0073
Mailing Address: 11080 SW Allen Blavd Ste 100, Beaverton, OR, 97005
Email: Matthew@alphaenvironmental.net
Certification ##: ABCN00001719
Supervisor: Jacob McVey
Phone: 971-517-7434

Property Owner: Mckenzie Baker
Phone: 541-890-7738
Mailing Address: 1416 SE 97th Ave,Vancouver WA 98664

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: Sophia Ercole
Representing: Alpha Environmental Services,
Submitter Title: Asbestos Department Assistan
Date Submitted: 4/5/2024

Reviewed by SWCAA: Danielle Kreps
Danielle Kreps
☑ Approved

SWCAA
Southwest Clean Air Agency

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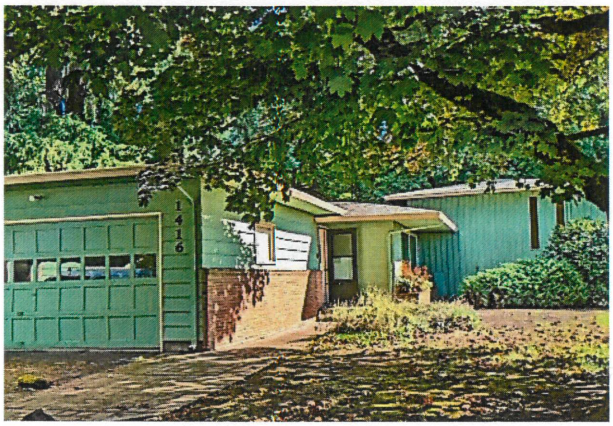
Atlas Labs

Asbestos Survey Report



Presented To: Mckenzie Baker

Survey Location: 1416 SE 97th Ave, Vancouver, WA 98664

Inspection Date: October 12th, 2023

Prepared by:

Dalton Lafever
Of
Atlas Labs Inc.
Environmental Testing Services
CCB #: 231684

Atlas Labs

Atlas Labs

Building/Structure Information

Owner/Operator Name:
Mckenzie Baker

Owner/Operator Number:
(541) 890-7738

Survey Date:
October 12th 2023

What is the building's description?
Residential

What is this structure's current use?
Residential

What is this structure's past use?
Residential

Building Square Footage:
2,240'

Number of Floors:
2 with basement

Area Surveyed:
Entire House (except for the roof, two bedrooms on the main floor, the kitchen floor and the main level bathroom floor.

Approximate Build Date:
1957

1.0 EXECUTIVE SUMMARY

Atlas Labs Inc. has performed this work to aid in the renovation of the residence located at 1416 SE 97th Ave, Vancouver, WA 98664. This survey included visual observation, materials sampling and laboratory analyses of materials suspected of containing asbestos. The locations of the suspect materials are noted and documented in this report.

A total of eighteen (18) sample sets, twenty-eight (28) total samples were taken during this survey; laboratory procedure will be the separation of multiple layered samples and analysis of individual layers. Eighteen (18) material sample sets were collected and delivered to Atlas Labs Inc. Atlas laboratories divided these samples into sixty-six (66) separate layers for individual analysis. The samples of suspect asbestos containing materials included: drywall, texture, joint compound, popcorn texture, plaster, vinyl tile, mastic, leveling compound, carpet pad, tile, grout, ceiling tile, duct tape, vinyl, mortar, insulation, roofing membrane, tar layer, tar paper, tile backsplash & sink undercoat.

A total of six (6) lead paint samples were taken during this survey from the following areas; Interior base on living room ceiling, interior base on kitchen wall, interior base on staircase wall, interior base on upstairs master bedroom wall, interior base on upstairs master bedroom ceiling & exterior base on side of house.

Samples were analyzed by flame Atomic Absorption spectrometry. The current regulatory guidelines issued by HUD and EPA specify that paint containing more than 5000 ppm (parts per million) be considered lead paint.

OSHA's standard makes it clear that paint containing any lead falls into OSHA's guideline, 29 CFR 1926.62 "Lead For The Construction Industry" OAR 437, Division 3, applies to all construction work where an employee may be occupationally exposed to lead. All construction work excluded from the coverage in the general industry standard for lead by 29 CFR 1910.1025 (a)(2) is covered by this standard. https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.62

Of the twenty-eight (28) asbestos samples taken, twenty-one (21) of the suspect materials contained asbestos in quantities greater than 1% by weight, the asbestos containing materials are listed in section 4.0 - **Asbestos containing materials were identified during this inspection. (texture, joint compound, popcorn texture, vinyl tile & mastic)**

Removal, encapsulation, enclosure, and an Operations and Maintenance (O&M) Program are all recognized alternatives for controlling asbestos containing materials in buildings. Federal OSHA and EPA regulations require removal of most asbestos containing materials from a building prior to demolition or before any planned renovation activities, which may disturb asbestos containing materials. Federal OSHA and EPA regulations require proper handling of lead containing materials in construction. Proper handling of these materials depends greatly on the activities that will impact them.

Atlas Labs Inc. recommends that all asbestos-containing materials identified during this survey that may be affected by the work be removed by a licensed asbestos abatement contractor operating under a technical specification.

2.0 GENERAL INFORMATION

2.1 PROJECT INFORMATION

The structure is located at 1416 SE 97th Ave, Vancouver, WA 98664. The structure is a two level residence built in 1957; construction is of standard stick frame with interior walls of drywall & plaster.

2.2 PROCEDURES

The services provided in this phase of work included a visual survey of the building, material sampling, laboratory analysis for the presence of asbestos. The following sections discuss the general procedures employed for each of these tasks.

2.2.1 Plan and Specification Review

A survey to locate asbestos-containing materials is best served by a review of building plans and specifications to determine the type of construction used and the materials specified. No building plans and specifications were provided for review.

2.2.2 Walk Through and Visual Survey

The asbestos identification program began with a walk-through and visual survey of the building. The survey included observation of wall and ceiling finishes, various flooring materials, piping, structural building components, and above-ceiling areas. The primary purpose of the visual survey was to locate and identify friable and non-friable asbestos materials and devise a sampling strategy. "Friable" materials are those that can be crumbled by hand pressure, releasing fibers into the air.

2.2.3 Bulk Sampling

The next phase of the survey was the selection of sampling areas and collection of bulk samples. Material sampling areas were grouped based on material homogeneity. A homogeneous area is one which contains material that seems by texture, color and surface wear to be uniform and applied during the same general time period. To refute the presumption that materials installed prior to 1982 contain asbestos, multiple samples of similar suspect materials were collected to meet the requirements of EPA and OSHA regulations.

Samples were collected from accessible, representative construction materials, which were suspected to contain asbestos. Suspect materials observed and sampled included: drywall, texture, joint compound, popcorn texture, plaster, vinyl tile, mastic, leveling compound, carpet pad, tile, grout, ceiling tile, duct tape, vinyl, mortar, insulation, roofing membrane, tar layer, tar paper, tile backsplash & sink undercoat.

Samples were labeled, and appropriate chain-of-custody documentation was completed. The samples were sent to Atlas Laboratories in Vancouver, WA for analysis.

2.2.4 Analyses of Bulk Samples

Asbestos samples were analyzed using Polarized Light Microscopy (PLM) coupled with dispersion staining in general accordance with the Environmental Protection Agency's (EPA) "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116, July 1993).

Polarized Light Microscopy is the only analytical method presently used to identify asbestos that employs the optical crystallographic properties of the various crystalline forms in the samples. These properties: refractive indices, birefringence, sign of elongation, and extinction angle, are unique to the individual crystalline forms and therefore is used to identify the different asbestos mineral types: Chrysotile, Amosite, Crocidolite, Anthophyllite, Tremolite, and Actinolite.

The current NESHAP regulations (40 CFR Part 61, dated November 20, 1990) clarify the analytical procedures for determining the percentage of asbestos in bulk samples and permit the use of visual area estimation. The regulations further indicate the regulated asbestos-containing materials (RACM) – materials that are friable or may become friable, may be further analyzed by point counting when the results indicate less than 10 percent asbestos by visual area estimation. The laboratory utilizes visual area estimation on a routine basis and does not include point counting unless specifically requested.

3.0 ALTERNATIVES FOR CONTROLLING ACM

There are five industry-recognized alternative procedures to control exposure to asbestos-containing materials: (1) removal and disposal; (2) encapsulation; (3) enclosure; (4) repair; and (5) an operations and maintenance (O&M) program. The selection of a particular alternative should be based on the intended usage of the facility, on the condition and location of the asbestos-containing material, and on business considerations.

Atlas Labs Inc. understands that the plan for renovation of this structure is to remove all known asbestos containing materials that are present. Air monitoring and clearance sampling should be done throughout this project to ensure compliance with regulatory requirements and worker safety. Regardless of the alternative chosen, all asbestos-related mitigation activities should be conducted under properly controlled conditions by specially trained personnel. Asbestos removal should be performed by a licensed asbestos abatement contractor operating under the guidelines of strict specifications. All asbestos-containing materials, even when removed in the course of maintenance activities, must be properly disposed of as asbestos containing waste in accordance with all state and federal regulations regarding abatement, transportation and disposal of asbestos containing materials.

3.1 REMOVAL AND DISPOSAL

Removal of the asbestos-containing material is the only permanent solution to the problem posed by exposure to asbestos fibers. Removal should be seriously considered when the material is extremely friable, badly damaged or when the material is readily accessible to people or staff. The EPA also requires removal before demolition of a facility or before renovation activities, which may disturb the asbestos-containing material. The Occupational Safety and Health Administration (OSHA) have specific requirements addressing the removal of asbestos-containing materials.

3.2 ENCAPSULATION

Encapsulation of asbestos-containing material is a temporary measure designed to reduce fiber emissions from the material. This alternative is recommended when the asbestos-containing material is in stable, relatively undamaged condition and presents little exposure potential. Encapsulation is considered a temporary measure because the asbestos-containing material still exists in the facility and care must always be taken to avoid disturbing it. The presence and location of the material should be documented and periodic inspections of the encapsulated areas should be made to ensure that no deterioration or damage has occurred.

3.3 ENCLOSURE

Enclosure requires surrounding the asbestos-containing material with an airtight seal or barrier to prevent any fibers released by the material from reaching facility occupants. This method is practical when asbestos-containing materials are difficult, if not impossible, to remove or encapsulate. Again, the location of the materials should be documented, periodic inspections performed, and a record keeping system implemented.

3.4 REPAIR

Repair of asbestos-containing materials is a temporary measure designed to minimize local fiber emissions from the material. Typically, repair is utilized for minimally damaged Thermal System Insulation (TSI) and wall and ceiling materials. Repair should only be used if the repair is technologically feasible and human health and the environment can be protected. Repair is also considered a temporary measure because the asbestos-containing material still remains in the building.

3.5 OPERATIONS AND MAINTENANCE PROGRAM

An Operations and Maintenance (O&M) Program is established to monitor the condition of the asbestos-containing materials and promote safe work practices within the facility. The O&M Program should include notification of the building occupants and workers of the presence and locations of the asbestos-containing materials, training of maintenance personnel in proper cleaning and maintenance procedures, periodic air monitoring in affected areas, and regularly scheduled re-inspections of the asbestos-containing materials. Proper records documenting these efforts must also be maintained.

These recommendations are further elaborated by the EPA in "Managing Asbestos In-Place – A Building Owner's Guide to Operations and Maintenance Programs for Asbestos-Containing Materials (EPA 20T-2003, July, 1990).

The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 took effect October 1, 1995. This regulation requires building owners/employers to either identify asbestos-containing material by surveying and bulk sampling, or by treating certain building materials as "Presumed Asbestos-Containing Materials (PACM)". Specifically, all thermal system insulation (TSI) and surfacing materials in buildings constructed prior to 1980 should be considered PACM and resilient flooring materials installed prior to 1980 should be assumed ACM. The presence of ACM or PACM requires the owner/employer to notify employees of the presence, provide training, and follow certain procedures when employees come in contact with such materials.

4.0 QUANTIFICATION TABLE

The following table indicates the approximate quantity of asbestos containing material identified at the Site.

Sample #	Location	Asbestos Containing Material	Asbestos % & Asbestiform	Approx. Sq. Footage	Friable Y/N	Condition
1-A Layer 2	Kitchen Wall	Texture (White)	2% Chrysotile	4,000'	Y	Good
1-B Layer 2	Living Room Wall	Texture (White)	2% Chrysotile	_	Y	Good
1-C Layer 2	Main Level Hallway Wall	Texture (White)	2% Chrysotile	_	Y	Good
1-C Layer 3	Main Level Hallway Wall	Joint Compound (White)	3% Chrysotile	_	Y	Good
1-D Layer 2	Upstairs Master Bedroom Wall	Texture (White)	2% Chrysotile	_	Y	Good
1-D Layer 3	Upstairs Master Bedroom Wall	Joint Compound (White)	3% Chrysotile	_	Y	Good
1-E Layer 2	Upstairs First Bedroom Wall	Texture (White)	2% Chrysotile	_	Y	Good
1-E Layer 3	Upstairs First Bedroom Wall	Joint Compound (White)	3% Chrysotile	_	Y	Good
2-A Layer 2	Dining Room Ceiling	Heavy Texture (Tan)	5% Chrysotile	950'	Y	Good
2-B Layer 2	Living Room Ceiling	Heavy Texture (Tan)	5% Chrysotile	_	Y	Good
2-C Layer 2	Hallway Closet Ceiling	Heavy Texture (Tan)	5% Chrysotile	_	Y	Good
3-A Layer 2	Upstairs Staircase Ceiling	Popcorn Texture (White)	12% Chrysotile	700'	Y	Good
3-B Layer 2	Downstairs Staircase Ceiling	Popcorn Texture (White)	12% Chrysotile	_	Y	Good
3-C Layer 2	Upstairs Master Bedroom Ceiling	Popcorn Texture (White)	12% Chrysotile	_	Y	Good
5-A Layer 4	Staircase Wall	3rd Layer Texture (Tan)	3% Chrysotile	15'	Y	Good
5-B Layer 4	Staircase Wall	3rd Layer Texture (Tan)	3% Chrysotile	_	Y	Good
5-C Layer 4	Staircase Wall	3rd Layer Texture (Tan)	3% Chrysotile	_	Y	Good
6-A Layer 1	Downstairs Living Room/Hallway Floor	Vinyl Tile (Tan/Orange)	3% Chrysotile	300'	Y	Good
6-A Layer 2	Downstairs Living Room/Hallway Floor	Mastic (Black)	3% Chrysotile	_	Y	Good
10-A Layer 1	Garage Step	Vinyl (Brown)	25% Chrysotile	4'	Y	Good
10-A Layer 2	Garage Step	Mastic (Brown)	2% Chrysotile	_	Y	Good

4.1 Homogenous Materials/Areas

The following table indicates the Homogeneous Materials/Areas.

Sample Set #	Material	Rooms/Areas
1	Drywall	Main Level Hallway Bathroom Wall, Main Level Master Bathroom Wall, Main Level Master Bedroom Wall, Main Level First Bedroom Wall, Downstairs Hallway Wall, Downstairs Bathroom Wall, Downstairs Living Room Wall, Upstairs Master Bathroom Wall and Upstairs Staircase Wall.
2	Drywall (Heavy Texture)	Main Level Hallway Ceiling, Main Level First Bedroom Ceiling and Main Level Master Bedroom Ceiling.
3	Drywall (Popcorn Texture)	Upstairs First Bedroom Ceiling and Upstairs First Bedroom Closet Ceiling.

5.0 QUALIFICATIONS OF THE REPORT

Atlas Labs Inc. has endeavored to investigate the existing conditions within the subject building using standard accepted procedures. The asbestos survey scope of work is intended to identify asbestos-containing materials associated with the subject property. Regardless of the thoroughness of a survey, it is possible that some areas of asbestos-containing materials were overlooked or inaccessible, or is different from those at specific sample locations. Wall voids, building cavities, and mechanical equipment may contain unreported asbestos. In addition, renovation or construction may uncover altered or differing conditions. If a suspect material was not specifically sampled or does not appear to be represented by a similar material previously sampled, it should be analyzed prior to disturbance.

It should be noted that floor tiles and other resinous bound materials, when analyzed by the EPA method for asbestos, may yield false negative results because of limitations in separating closely bound fibers and in detecting fibers of small length and diameter. If a definitive result is required, Atlas Labs Inc. recommends utilizing alternative methods of identification, including Transmission Electron Microscopy (TEM).

This report presents the general descriptions of various construction materials and general locations where these materials were encountered. If questions arise during the planning of demolition, renovation or construction projects concerning the presence of asbestos-containing materials, we should be notified in order to view the conditions and present recommendations.

This report has been prepared on behalf of, and exclusively for the use of Mckenzie Baker. This report and the findings herein shall not, in whole or in part, be disseminated or conveyed to any other party, or be used or relied upon by any other party, without the consultant's prior written consent by Atlas Labs Inc. **A copy of this survey report must be kept onsite during any remediation, renovation or demolition activities, as required by Southwest Clean Air Agency.**

If you have any questions about this information, please call our office at (360) 852-8936

Survey Performed By: Dalton Lafever
AHERA Building Inspector - Certification: # IR-23-0908C
Lead RRP Inspector - Certification : #R-I-41R036-22-00070
Contact Info: Dalton@atlaslabinc.com Cell Phone: (503) 430-4112

Sincerely,

Dalton Lafever

APPENDIX A

Atlas Laboratories Inc.
14795 SW 72nd Ave, STE B Portland,OR 97224
(503) 430-5290 www.atlaslabsinc.com
CCB #231684

Atlas Labs

Full Survey Chain of Custody

Name / Company Name: Mckenzie Baker			Phone: 541-890-7738
Contact Email: mckenzie@conwayconstruction.net			
Project Name: N/A			Batch: 22-920501
Job/Project Address: 1416 SE 97th Ave, Vancouver, WA 98664			
Inspector: Dalton Lafever Ph: (503) 430-4112 AHERA Cert. # IR-23-0908C Lead RRP Cert. #R-I-41R036-22-00070			
Survey Area Use: Residential	Approx. Year Built: 1957	Reason for Survey: Renovation	Sq. Ft. 2,240

- [ ] Rush
- [ ] Next Day
- [ ] 2-Day
- [X] 5-Day

- [X] Asbestos PLM
- [X] Lead Paint
- [ ] Other

#	Material Description	Friable Y/N	Location	Condition	Approx. SQ FT.
1-A	Drywall	Y	Kitchen Wall	Good	4,000'
1-B	Drywall	Y	Living Room Wall	Good	
1-C	Drywall	Y	Main Level Hallway Wall	Good	
1-D	Drywall	Y	Upstairs Master Bedroom Wall	Good	
1-E	Drywall	Y	Upstairs First Bedroom Wall	Good	
2-A	Drywall (Heavy Texture)	Y	Dining Room Ceiling	Good	950'
2-B	Drywall (Heavy Texture)	Y	Living Room Ceiling	Good	
2-C	Drywall (Heavy Texture)	Y	Hallway Closet Ceiling	Good	
3-A	Drywall (Popcorn Texture)	Y	Upstairs Staircase Ceiling	Good	700'
3-B	Drywall (Popcorn Texture)	Y	Downstairs Staircase Ceiling	Good	

Notes: Same flooring throughout the downstairs. Multiple textures throughout the home.

Inspector Signature: Dalton Lafever	Date: 10/12/23	Time: 12:28
Accepted By: Will Sokolowsky	Date: 10/12/23	Time: 12:35 pm
Lab Results Completed By:	Date Sent Out: 10/16/23	Email / Mail

Limitations of Inspection: Atlas Labs Inc. AHERA certified inspector performed a limited survey at the site, date, time and cause as stated above in this document along with lab analysis of possible asbestos and/or lead containing material. Atlas Labs Inc. survey is limited to areas defined on the Chain of Custody form.

General NESHAPS Bulk Sampling Guidelines: Material sampling areas were grouped based on homogenous materials. A homogeneous area is one which contains material that seems by texture, color and surface wear to be uniform and applied during the same general time period. Samples are collected based on a visual survey of the work area as defined in this report. Samples were collected from accessible, representative construction materials, which were suspected to contain asbestos. If additional materials are found during the demolition process that were inaccessible at time of inspection that are not listed in this report please test before you cut. Survey is subject to direction from contractor, homeowner or owners agent.

Atlas Labs

#	Material Description	Friable Y/N	Location	Condition	Approx. SQ FT.
3-C	Drywall (Popcorn Texture)	Y	Upstairs Master Bedroom Ceiling	Good	
4-A	Drywall (No Texture)	Y	Garage Wall	Good	200'
5-A	Plaster	Y	Staircase Wall	Good	15'
5-B	Plaster	Y	Staircase Wall	Good	
5-C	Plaster	Y	Staircase Wall	Good	
6-A	Vinyl	Y	Downstairs Living Room/Hallway Floor	Good	300'
7-A	Tile	N	Downstairs Bathroom Shower Wall	Good	25'
8-A	Ceiling Tile	Y	Downstairs Cabinet Debris/Living Room Ceiling	Good	180'
9-A	Duct Tape	Y	Garage HVAC	Good	UNK
10-A	Vinyl	Y	Garage Step	Good	4'
11-A	Tile	N	Entryway Floor	Good	20'
12-A	Vinyl	Y	Main Floor Master Bath	Good	25'
13-A	Vinyl	Y	Upstairs Master Bath Floor	Good	6'
14-A	Grout	N	Upstairs Master Bathroom Shower Wall	Good	UNK
15-A	Insulation	N	Attic	Good	UNK
16-A	Roofing	N	Flat Roof/Deck	Good	100'
17-A	Tile Backsplash	N	Kitchen Wall	Good	15'
18-A	Sink Undercoat	Y	Kitchen Sink	Good	2'
Pb-1	Paint - Interior Base on Living Room Ceiling				
Pb-2	Paint - Interior Base on Kitchen Wall				
Pb-3	Paint - Interior Base on Staircase Wall				
Pb-4	Paint - Interior Base on Upstairs Master Bedroom Wall				
Pb-5	Paint - Interior Base on Upstairs Master Bedroom Ceiling				
Pb-6	Paint - Exterior Base on Side of House				

Special Instructions:

Atlas Labs

Batch # 2022 *

22-920501

Analysis Date *

10/12/2023

Project #

Analyst *

Crossland Kapaun

Turnaround Time *

5-Day

Name / Company *

Mckenzie Baker

Project Name

PO #

Project Location *

1416 SE 97th Ave.,
Vancouver, WA 98664

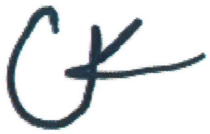
Asbestos Analysis of Bulk Material by Polarized Light Microscopy

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
1-A	1	Drywall (White) - Kitchen Wall	Cellulose	None Present	N/D
1-A	2	Texture (White) - Kitchen Wall	Cellulose	Chrysotile	4%
1-B	1	Drywall (White) - Living Room Wall	Cellulose	None Present	N/D
1-B	2	Texture (White) - Living Room Wall	Cellulose	Chrysotile	3%
1-C	1	Drywall (White) - Main Level Hallway Wall	Cellulose	None Present	N/D
1-C	2	Texture (White) - Main Level Hallway Wall	Cellulose	Chrysotile	3%
1-C	3	Joint Compound (White) - Main Level Hallway Wall	Cellulose	Chrysotile	2%
1-D	1	Drywall (White) - Upstairs Master Bedroom Wall	Cellulose	None Present	N/D
1-D	2	Texture (White) - Upstairs Master Bedroom Wall	Cellulose	Chrysotile	3%
1-D	3	Joint Compound (White) - Upstairs Master Bedroom Wall	Cellulose	Chrysotile	2%
1-E	1	Drywall (White) - Upstairs First Bedroom Wall	Cellulose	None Present	N/D
1-E	2	Texture (White) - Upstairs First	Cellulose	Chrysotile	3%

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
		Bedroom Wall			
1-E	3	Joint Compound (White) - Upstairs First Bedroom Wall	Cellulose	Chrysotile	2%
2-A	1	Drywall (White) - Dining Room Ceiling	Cellulose	None Present	N/D
2-A	2	Heavy Texture (Tan) - Dining Room Ceiling	Cellulose	Chrysotile	5%
2-B	1	Drywall (White) - Living Room Ceiling	Cellulose	None Present	N/D
2-B	2	Heavy Texture (Tan) - Living Room Ceiling	Cellulose	Chrysotile	5%
2-C	1	Drywall (White) - Hallway Closet Ceiling	Cellulose	None Present	N/D
2-C	2	Heavy Texture (Tan) - Hallway Closet Ceiling	Cellulose	Chrysotile	5%
3-A	1	Drywall (White) - Upstairs Staircase Ceiling	Cellulose	None Present	N/D
3-A	2	Popcorn Texture (White) - Upstairs Staircase Ceiling	Cellulose	Chrysotile	12%
3-B	1	Drywall (White) - Downstairs Staircase Ceiling	Cellulose	None Present	N/D
3-B	2	Popcorn Texture (White) - Downstairs Staircase Ceiling	Cellulose	Chrysotile	12%
3-C	1	Drywall (White) - Upstairs Master Bedroom Ceiling	Cellulose	None Present	N/D
3-C	2	Popcorn Texture (White) - Upstairs Master Bedroom Ceiling	Cellulose	Chrysotile	12%
4-A	1	Drywall (White) - Garage Wall	Cellulose	None Present	N/D
5-A	1	Plaster (Grey) - Staircase Wall	Cellulose	None Present	N/D
5-A	2	1st Layer Texture (White) - Staircase Wall	Cellulose	None Present	N/D
5-A	3	2nd Layer Texture (White) - Staircase Wall	Cellulose	None Present	N/D
5-A	4	3rd Layer Texture (Tan) - Staircase Wall	Cellulose	Chrysotile	3%
5-B	1	Plaster (Grey) - Staircase Wall	Cellulose	None Present	N/D
5-B	2	1st Layer Texture (White) - Staircase Wall	Cellulose	None Present	N/D
5-B	3	2nd Layer Texture (White) - Staircase Wall	Cellulose	None Present	N/D
5-B	4	3rd Layer Texture (Tan) - Staircase Wall	Cellulose	Chrysotile	3%
5-C	1	Plaster (Grey) - Staircase Wall	Cellulose	None Present	N/D
5-C	2	1st Layer Texture (White) - Staircase Wall	Cellulose	None Present	N/D
5-C	3	2nd Layer Texture (White) - Staircase Wall	Cellulose	None Present	N/D
5-C	4	3rd Layer Texture (Tan) - Staircase Wall	Cellulose	Chrysotile	3%
6-A	1	Vinyl Tile (Tan / Orange) - Downstairs Living Room / Hallway	Cellulose	Chrysotile	3%

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
		Floor			
6-A	2	Mastic (Black) - Downstairs Living Room / Hallway Floor	Cellulose	Chrysotile	3%
6-A	3	Leveling Compound (Grey) - Downstairs Living Room / Hallway Floor	Cellulose	None Present	N/D
6-A	4	Carpet Pad (Multi Color) - Downstairs Living Room / Hallway Floor	Synthetic	None Present	N/D
7-A	1	Tile (White) - Downstairs Bathroom Shower Wall	None Present	None Present	N/D
7-A	2	Mastic (Tan / Grey) - Downstairs Bathroom Shower Wall	Cellulose	None Present	N/D
7-A	3	Grout (Off White) - Downstairs Bathroom Shower Wall	Cellulose	None Present	N/D
8-A	1	Ceiling Tile (Brown) - Downstairs Cabinet Debris / Living Room Ceiling	Cellulose	None Present	N/D
9-A	1	Duct Tape (Silver) - Garage HVAC	Cellulose / Synthetic	None Present	N/D
10-A	1	Vinyl (Brown) - Garage Step	Cellulose	Chrysotile	25%
10-A	2	Mastic (Brown) - Garage Step	Cellulose	Chrysotile	2%
11-A	1	Tile (Grey / Beige) - Entryway Floor	None Present	None Present	N/D
11-A	2	Mortar (Grey) - Entryway Floor	Cellulose	None Present	N/D
12-A	1	Vinyl (Brown) - Main Floor Master Bath	Cellulose / Fiberglass	None Present	N/D
12-A	2	Mastic (Yellow) - Main Floor Master Bath	Cellulose	None Present	N/D
12-A	3	Leveling Compound (Grey) - Main Floor Master Bath	Cellulose	None Present	N/D
13-A	1	Vinyl (Yellow) - Upstairs Master Bath Floor	Cellulose / Fiberglass	None Present	N/D
13-A	2	Mastic (Brown) - Upstairs Master Bath Floor	Cellulose	None Present	N/D
14-A	1	Grout (Off White) - Upstairs Master Bathroom Shower Wall	Cellulose	None Present	N/D
15-A	1	Insulation (Brown) - Attic	Cellulose	None Present	N/D
15-A	2	Insulation (Pink) - Attic	Fiberglass	None Present	N/D
16-A	1	Roofing Membrane (Grey) - Flat Roof / Deck	Synthetic	None Present	N/D
16-A	2	Tar Layer (Black) - Flat Roof / Deck	Cellulose	None Present	N/D
16-A	3	Tar Paper (Black) - Flat Roof / Deck	Fiberglass / Cellulose	None Present	N/D
17-A	1	Tile Backsplash (Off White) - Kitchen Wall	None Present	None Present	N/D
17-A	2	Mastic (Yellow) - Kitchen Wall	Cellulose	None Present	N/D
17-A	3	Grout (Grey) - Kitchen Wall	Cellulose	None Present	N/D
18-A	1	Sink Undercoat (Black) - Kitchen Sink	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.

SanAir Technologies Laboratory

SanAir ID Number
23057002
PRELIMINARY REPORT

Name: Atlas Labs, Inc.
Address: 14795 SW 72nd Ave. Suite B
Portland, OR 97224
Phone: 360-852-8936

Project Number: 1416 SE 97th Ave
P.O. Number:
Project Name: McKenzie Baker
Collected Date: 10/12/2023
Received Date: 10/13/2023 10:40:00 AM

Analyst: Rivera, Shirley
Test Method: SW846/M3050B/7000B

Lead Paint Analysis

PAINT Sample	Description	µg Pb In Sample	Sample Size (grams)	Calculated RL	Sample Results	Sample Results
23057002 - 1	Pb-1 Paint - Interior Base On Living Room Ceiling	< 10	0.107	93.5	<93.5 µg/g (ppm)	<0.009 % By Weight
23057002 - 2	Pb-2 Paint - Interior Base On Kitchen Wall	< 10	0.1054	94.9	<94.9 µg/g (ppm)	<0.010 % By Weight
23057002 - 3	Pb-3 Paint - Interior Base On Staircase Wall	31	0.1095	91.3	284.5 µg/g (ppm)	0.028 % By Weight
23057002 - 4	Pb-4 Paint - Interior Base On Upstairs Master Bedroom Wall	75	0.1114	89.8	674.1 µg/g (ppm)	0.067 % By Weight
23057002 - 5	Pb-5 Paint - Interior Base On Upstairs Master Bedroom Ceiling	< 10	0.1159	86.3	<86.3 µg/g (ppm)	<0.009 % By Weight
23057002 - 6	Pb-6 Paint - Exterior Base On Side Of House	< 10	0.1101	90.8	<90.8 µg/g (ppm)	<0.009 % By Weight

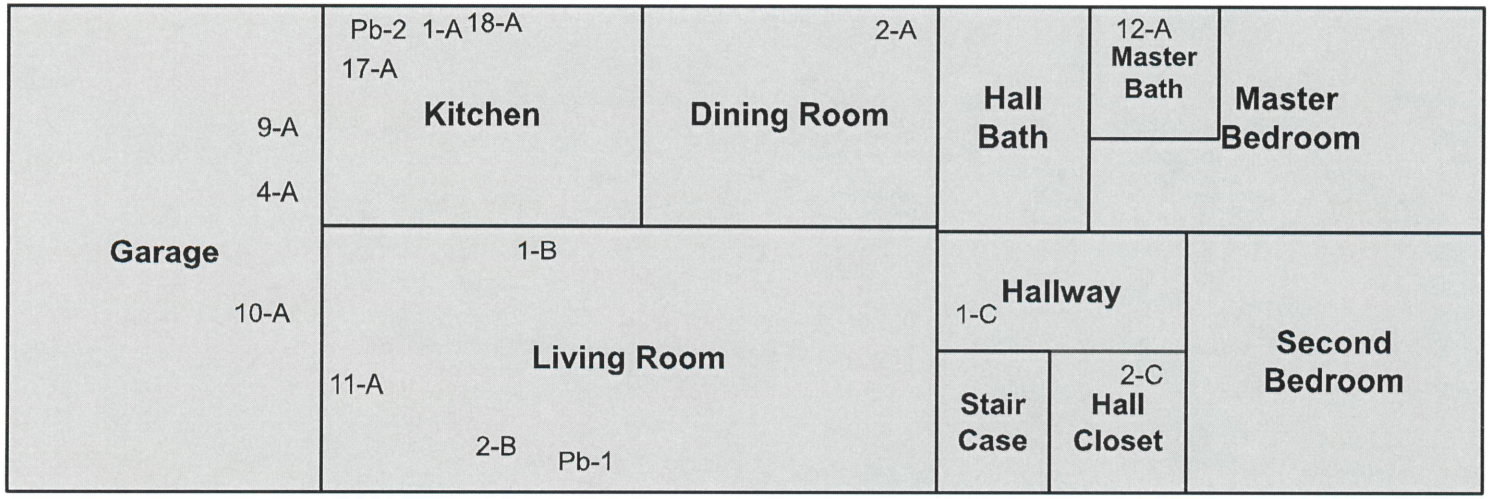
Method Reporting Limit <10 µg/0.1 g paint
All samples contained substrate.

Signature: Shirley Rivera
Date: 10/13/2023

Reviewed: Abigail Gabrielli
Date: 10/13/2023

Atlas Labs

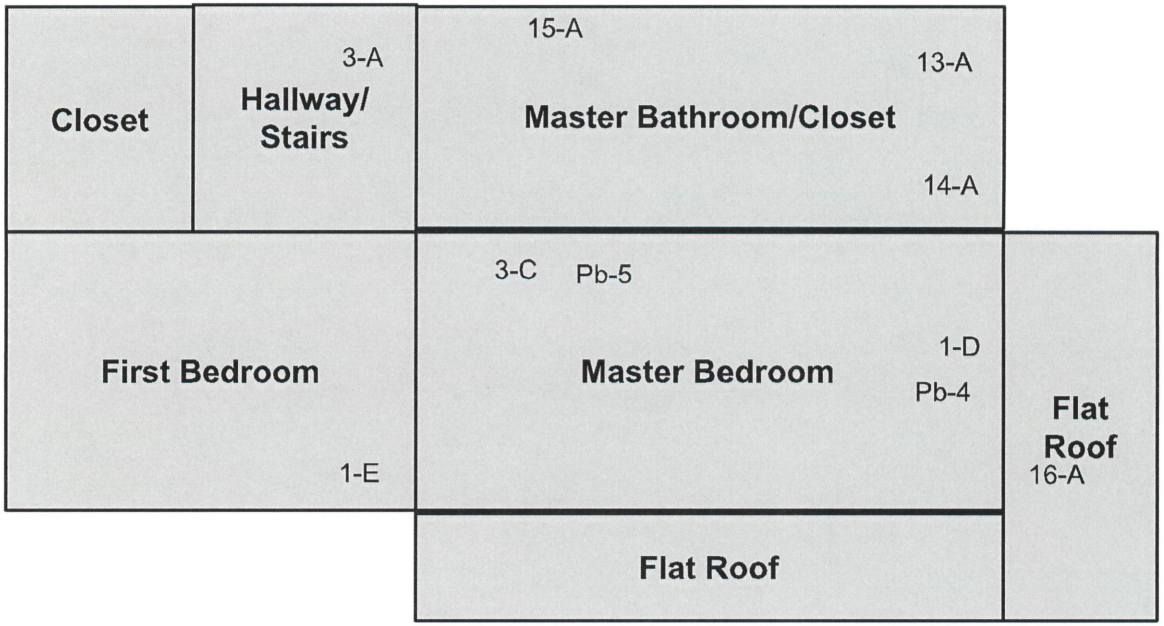
APPENDIX B



1416 SE 97th Ave, Vancouver, WA 98664 - Main Floor

Suspect Asbestos Containing Sample Locations

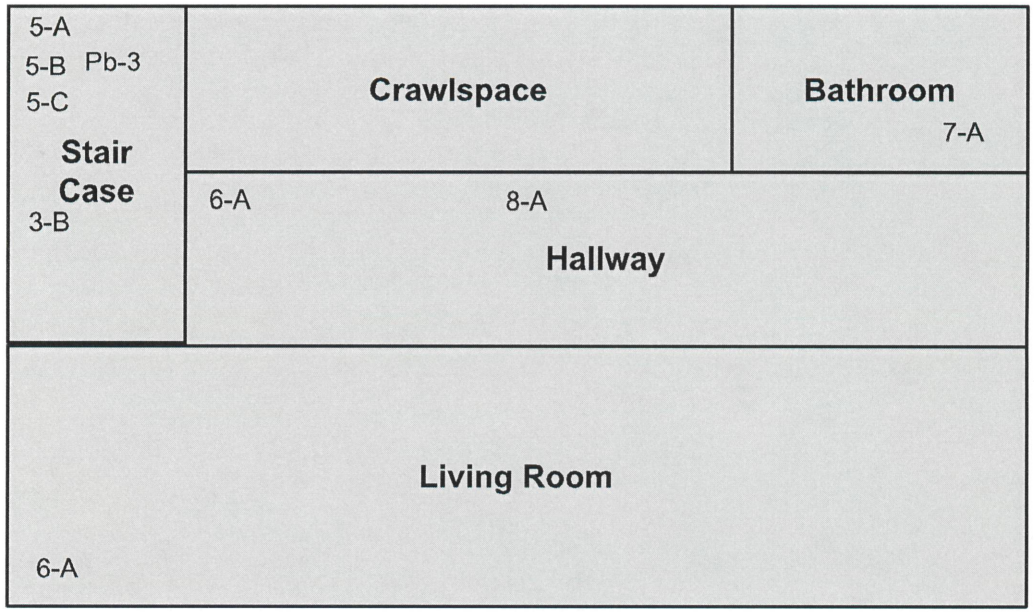
Atlas Labs



1416 SE 97th Ave, Vancouver, WA 98664 - Upstairs

Suspect Asbestos Containing Sample Locations

Atlas Labs



1416 SE 97th Ave, Vancouver, WA 98664 - Downstairs

Suspect Asbestos Containing Sample Locations

Atlas Labs

APPENDIX C

THIS IS TO CERTIFY THAT

DALTON LAFEVER

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: 01/24/2023

Course Location: Online

Certificate: IR-23-0908C

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: 01/24/2024

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

LEAD CLASSES.COM
EPA HUD & STATE RRP LEAD PAINT CERTIFICATION

10350 N Vancouver Way, 1021
Portland OR 97217
Info@LeadClasses.com

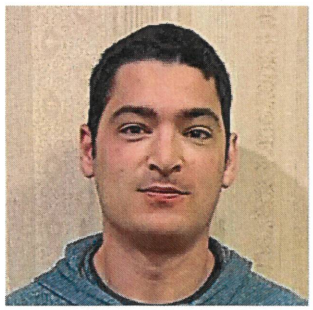
1-888-840-8388

Certificate of Attendance and Successful Completion Renovator Initial - English

Issued per OAC 333-070 and 40 CFR Part 745.225

Dalton Anthony Lafever
10603 NE 20th St
Vancouver , WA 98664-4382
Certificate # R-I-41R036-22-00070

Course Date: 02/03/2022
Exam Date: 02/03/2022
Expiration Date: 02/03/2027



2/03/2022

Steven Hoff Training Manager Date
Crosswall Training / LeadClasses.com