SWCAA
Southwest Clean Air Agency

Notice of Intent to Remove Asbestos

Case #: 24-279
Amendment: 1

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: 4/26/2024
Date Paid: 4/26/2024
SWCAA Fee: $37.00
Receipt #: 155227234

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

OWNER OCCUPIED PERFORMED

Quantity to be removed: 920 Square Feet 0 Linear Feet
Workshift days:
Project starting date: 5/4/2024 Project Completion date: 5/19/2024
Workshift hours: 8 am to 5 pm

Site Name: Aaron Frechette
Site address: 3380 K Street
Location of Asbestos: Siding
City/State/Zip: Washougal WA 98671
☑ Demolition of Structure (Notification of Demolition required)
County: CLARK COUNTY

☑ Asbestos survey conducted?
No survey reason: Owner took samples
AHERA Inspector: Occupant Owner
Certification #:

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 Transite Siding

Control Methods:

☐ N.P Enclosure ☐ Glove Bag ☐ Mini Enclosure ☐ Wrap and Cut ☑ Water ☐ HEPA Vac
☑ Other Plastic Ground Cover, double 6 mil bags

Asbestos Contractor: Owner Occupant
Phone:
Mailing Address:
Email:
Certification ##:
Supervisor: Aaron Frechette
Phone: 503-208-5166

Property Owner: Aaron Frechette
Phone: 503-208-5166
Mailing Address: 3380 K Street,Washougal WA 98671

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: Aaron Frechette
Representing: Aaron Frechette
Submitter Title:
Date Submitted: 4/26/2024

Reviewed by SWCAA: Danielle Kreps Danielle Kreps ☑ Approved

SWCAA
Southwest Clean Air Agency

Notice of Intent to Remove Asbestos

Case #: 24-279
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SanAir Technologies Laboratory

The Identification Specialists

Analysis Report prepared for Atlas Labs, Inc.

Report Date: 4/15/2024

Project Name: A1 Hauling - KST Demo

Project #: 3380 K St

SanAir ID#: 24020839

NVLAP TESTING

NVLAP LAB CODE 200870-0

10501 Trade Court | North Chesterfield, Virginia 23236
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com

SanAir Technologies Laboratory

SanAir ID Number
24020839
FINAL REPORT
4/15/2024 12:09:12 PM

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

Project Number: 3380 K St
P.O. Number:
Project Name: A1 Hauling - KST Demo
Collected Date: 4/10/2024
Received Date: 4/15/2024 10:40:00 AM

Analyst: Pisula, Nicholas

Asbestos Bulk EPA PLM 400 Point Count

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
Sample 12 Layer 1 / 24020839-001 Texture Only - LV RM Wall	Green Non-Fibrous Homogeneous		99.25% Other	0.75% Chrysotile

Analyst:

Analysis Date: 4/15/2024

Approved Signatory:

Date: 4/15/2024

Disclaimer and Additional Information

400 Point Count Method EPA 600/R-93/116

EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including but not limited to posting on the SanAir client portal website, electronic or conventional mail, or by any other means. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure, additions, exclusions, method deviations and information provided to the laboratory by the client. When client requires samples to be tested that deviates from a specific method or condition, all reported results may be affected by the deviation. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, purchase order number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start - stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other U.S. governmental agencies and may not be accredited by every local, state, and federal regulatory agency. Samples are held for a period of 60 days.

Asbestos Accreditations
National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 200870-0
City of Philadelphia Department of Public Health Air Management Services, Certification#ALL-460
Commonwealth of Pennsylvania Department of Environmental Protection Number 68-05397
California State Environmental Laboratory Accreditation Program Certificate Number 2915
Colorado Department of Public Health and Environment Registration Number AL-23143
Connecticut Department of Public Health Environmental Laboratory Registration Number PH-0105
Massachusetts Department of Labor Standards Asbestos Analytical Services License Number: AA000222
State of Maine Department of Environmental Protection License Number: LB-0075, LA-0084
New York State Department of Health Laboratory ID: 11983
State of Rhode Island Department of Health Certification No.: PCM00126, PLM00126, TEM00126
Texas Department of State Health Services License Number: 300440
Commonwealth of Virginia Department of Professional and Occupational Regulation Number: 3333000323
State of Washington Department of Ecology Laboratory ID: C989
State of West Virginia Bureau for Public Health Analytical Laboratory Number: LT000616
Vermont Department of Health License Number: Asb-Co-An-000006
Louisiana Department of Environmental Quality AI Number 212253, Certificate #05088

Revision Date: 5/10/2023

SanAir Technologies Laboratory

10501 Trade Ct., Suite 100
N. Chesterfield, VA 23236
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

Asbestos Chain of Custody

Form 140, Rev 7, 10/20/2022

SanAir ID Number: 2402839

Company: Atlas Labs, Inc.	Project #: 3380 K St	Collected by: A1 Hauling
Address: 14795 SW 72nd Ave. Suite B	Project Name: A1 Hauling - KST Demo	Phone #: 360-852-8936
City, St., Zip: Portland, OR 97224	Date Collected: 04/10/24	Fax #:
State of Collection: WA Account#: 3512	P.O. Number:	Email: wills@atlaslabinc.com

Bulk

ABB	PLM EPA 600/R-93/116	☐
	Positive Stop ☐	
ABEPA	PLM EPA 400 Point Count	☑
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB**	☐
ABBCH	TEM Chatfield**	☐
ABBTM	TEM EPA NOB**	☐
ABQ	PLM Qualitative	☐

** Available on 24-hr. to 5-day TAT

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐
Other:		☐

New York ELAP

ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐
	Positive Stop	☐

Soil

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐

Vermiculite

ABB	PLM EPA 600/R-93/116	☐
ABEPA3	PLM EPA 400 Point Count	☐
ABCM	Cincinnati Method	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Matrix / Other

		☐

Turn Around Times				
	3 HR (4 HR TEM) ■	6 HR (8HR TEM) ☐	12 HR ☐	1 Day ☐
	☐ 2 Days	☐ 3 Days	☐ 4 Days	☐ 5 Days

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start – Stop Time*	
Sample 12 Layer 1	Texture (Green) Only - LV RM Wall					

Relinquished by	Date	Time	Received by	Date	Time
Will Sokolowsky	04/12/2024	2:30 PM		4/13/24	10:40am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of $150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Ground and Next Day Air shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

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

Atlas Labs

CHAIN OF CUSTODY

Name / Company Name:	A1 Hauling	Phone:	503-807-1025
Contact Email:	A1 OFFice@WHATWALL.COM		
Job Name:	K ST Demo	Job/Project:	
Job/Project Location:	3380 K ST Washougal, WA		

Please check box that applies

- [ ] Rush *Samples turned in by 2 pm will be processed the same day
- [ ] Next day
- [ ] 2 days
- [x] 5 Days

Please check box that applies

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

#	Material Description	Location	Office Use Only
1	Siding R-Side Exterior Wall	R-Side Ex Wall	
2	Siding R-Side Exterior Gable		
3	Siding	R Exterior Wall	
4	Vinyl	Laundry Floor	
5	Texture	Laundry Ceiling	
6	Texture	Laundry Wall	
7	Vinyl	Kitchen Floor	
8	Texture	Ceiling Pnl LV RM	
9	Texture	Ceiling Pnl Rear BdRM	
10	Roofing Tar paper	Roofing	
11	Insulation	Attic	
12	Texture	LV RM Wall	
13	Texture	Rear BdRM Wall	

Special Instructions:

Client Sign Here:	[signature]	Date:	4/10/24	Time:	
Atlas: Accepted By:	Nolan Wallin	Date:	4/10/24	Time:	11:25 AM
Credit Card:	Cash:	Check #		Amount: $	
Lab Results Completed By:	[signature]	Date Sent Out:	04-10-24	Email/Fax/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.

Atlas Labs

Batch # 2022 *

22-1275301

Name / Company *

A1 Hauling

Analysis Date *

04/10/2024

Project Name

KST Demo

Project #

PO #

Analyst *

Ryan Carpenter

Project Location *

3380 K St., Washougal, WA

Turnaround Time *

5-Day

Asbestos Analysis of Bulk Material by Polarized Light Microscopy

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
1	1	Transite Siding (Grey) - R-Side Exterior Walk	Cellulose	Chrysotile	35%
2	1	Transite Siding (Grey) - R-Side Exterior Gable	Cellulose	Chrysotile	35%
3	1	Transite Siding (Grey) - R-Side Exterior Wall	Cellulose	Chrysotile	35%
4	1	Vinyl (Beige) - Laundry Floor	Cellulose / Fiberglass	None Present	N/D
4	2	Mastic (Yellow) - Laundry Floor	Cellulose	None Present	N/D
5	1	Ceiling Tile (Brown) - Laundry Ceiling	Cellulose	None Present	N/D
6	1	Drywall (White) - Laundry Wall	Cellulose	None Present	N/D
6	2	Joint Compound (White) - Laundry Wall	Cellulose	None Present	N/D
7	1	Vinyl (Beige) - Kitchen Floor	Cellulose / Fiberglass	None Present	N/D
7	2	Mastic (Yellow) - Kitchen Floor	Cellulose	None Present	N/D
8	1	Ceiling Tile (Brown) - Ceiling PNL LV RM	Cellulose	None Present	N/D
9	1	Ceiling Tile (Brown) - Ceiling PNL Rear BDRM	Cellulose	None Present	N/D
10	1	Shingle (Black / Grey) - Roofing	Fiberglass	None Present	N/D

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
10	2	Tar Paper (Black) - Roofing	Cellulose	None Present	N/D
11	1	Vermiculite Insulation (Brown) - Attic	Cellulose	Tremolite	2%
12	1	Texture (Green) - LV RM Wall	Cellulose	Chrysotile	2%
12	2	Fiberboard (Brown) - LV RM Wall	Cellulose	None Present	N/D
13	1	Fiberboard (Brown) - Rear BDRM Wall	Cellulose	None Present	N/D

To Be Filled by the Technician
Technician *

A-1 DEMOLITION & HAULING

Asbestos Survey Report

Presented to: Aaron Frechette

Survey Location: 3380 K St., Washougal, WA 98761

Inspection Date: 04/10/2024

Prepared by:

Thomas Werner

Or

A-1 Demolition & Hauling

A-1 DEMOLITION & HAULING

A-1 DEMOLITION & HAULING

1.0 EXECUTIVE SUMMARY

A-1 Hauling has performed this work to aid in the demolition of out building located at:

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 **13** sample set(s), **13** sample(s) were taken during this survey; laboratory procedure will be the separation of multiple layered samples and analysis of individual layers. _ material(s), 13 sample set(s) were collected and delivered to A-1 Hauling. A-1 Hauling divided these samples into **2** separate layer(s) for individual analysis. The samples of suspect asbestos containing materials included:

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 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.

A-1 Hauling recommends that all asbestos-containing materials identified during this survey that may be affected by the work be removed by a qualified asbestos removal contractor operating under a technical specification.

2.0 GENERAL INFORMATION

A-1 DEMOLITION & HAULING

2.1 Project Information

The structure is located at: **3380 K St., Washougal, WA 98761**

The structure is a Single-family residence.

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 filling 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 the 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: sheetrock, texture, joint compound, shingle, tar, felt, and insulation.

Samples were labeled, and appropriate chain-of-custody documentation was completed. The *samples were sent to A-1 Hauling Laboratories in Washougal, Washington 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 Part61, 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).

2.2.5 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 environment can be protected. Repair is also considered a temporary measure because the asbestos-containing material still remains in the building.

2.2.6 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

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 Owners 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 1923.1101 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 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.

Materials that are friable or may become friable, may be further analyzed by point counting when the results indicate visual area estimation on a routine basis and does not include point counting unless specifically requested.

3.0 CONTROLLING

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.

A-1 Hauling understands that the plan for demolition 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, must be properly disposed of as asbestos-containing waist in accordance with all state and federal regulations regarding abatement, transportation, and disposal of asbestos containing materials.

3.1 Removal and Disposal

Removal and disposal 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 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.

4.0 MATERIAL QUANTIFICATIONS

The following table indicates the approximate quantity of asbestos-containing material identified at the site:

A-1 DEMOLITION & HAULING

Location	Asbestos Containing Material	Asbestos Containing Material %
Laundry Floor	Cellulose/Fiberglass – Vinyl Beige	N/D
Laundry Floor	Cellulose – Mastic Yellow	N/D
Laundry Ceiling	Cellulose – Ceiling Tile Brown	N/D
Laundry Wall	Cellulose – Drywall White	N/D
Laundry Wall	Cellulose – Joint Compound White	N/D
Kitchen Floor	Cellulose – Vinyl Beige	N/D
Kitchen Floor	Cellulose – Mastic Yellow	N/D
Ceiling PNL LV RM	Cellulose - Ceiling Tile Brown	N/D
Ceiling PNL Rear BD RM	Cellulose - Ceiling Tile Brown	N/D
Roof	Cellulose – Shingle Tile Black/Grey	N/D
Roof	Cellulose – Tar Paper Black	N/D
LV RM Wall	Cellulose – Fiberboard Brown	N/D
Rear BD Wall	Cellulose - Fiberboard Brown	N/D
R Side Exterior Walk	Cellulose/Chrysotile – Transite Siding Grey	35%
R Side Exterior Gable	Cellulose/Chrysotile – Transite Siding Grey	35%
R Side Exterior Wall	Cellulose/Chrysotile – Transite Siding Grey	35%
Attic Vermiculite Insulation	Cellulose/Tremolite Brown	2% (400 Pt Count)
LV RM Wall	Cellulose/Chrysotile Texture Green	2%

A-1 DEMOLITION & HAULING

#	Quanity	Location	Description	Color	Surface	Suspect ACM
11	1	Attic (400 Pt Count)	Insulation	Brown	<.25%	Vermiculite

5.0 QUALIFICATIONS

A-1 Hauling 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 definite result is required, A-1 Hauling 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 to view the conditions and present recommendations.

This report has been prepared on behalf of, and exclusively for the use of this report and the finding heron shall not, in whole or in part, be disseminated or conveyed to any party, or be used or relied upon by any other party, without the consultant's prior written consent by A-1 Hauling.

If you have any questions about this information, please call our office at (503) 807-1025.

Sincerely,

Thomas Werner

AHERA Inspector Training Certificate #IR-22-7345B

A-1 DEMOLITION & HAULING

APPENDIX A

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

Atlas Labs

CHAIN OF CUSTODY

Name / Company Name: A-1 Hauling	**Phone:** 503-807-1025
Contact Email: A1 OFFICE@WHATWALL.COM	
Job Name: KSI Demo	**Job/Project:**
Job/Project Location: 3380 K St Washougal, WA	

Please check box that applies

- [ ] Rush — **Samples turned in by 2 pm will be processed the same day*
- [ ] Next day
- [ ] 2 days
- [x] 5 Days

Please check box that applies

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

#	Material Description	Location	Office Use Only
1	Siding R-Side Exterior Wall	R-Side Ex Wall	
2	Siding R-Side Exterior Gable		
3	Siding	R Exterior Wall	
4	Vinyl	Laundry Floor	
5	Texture	Laundry Ceiling	
6	Texture	Laundry Wall	
7	Vinyl	Kitchen Floor	
8	Texture	Ceiling Pnl LV RM	
9	texture	Ceiling Pnl Rear BdRM	
10	Roofing Tar paper	Roofing	
11	Insulation	Attic	
12	Texture	LV RM Wall	
13	Texture	Rear BdRm Wall	

Special Instructions:

Client Sign Here: Robert Wallin

Atlas: Accepted By: Robert Wallin — **Date:** 4/10/24 — **Time:**

Date: 4/10/24 — **Time:** 11:25 AM

Credit Card: — **Cash:** — **Check #** — **Amount: $**

Lab Results Completed By: — **Date Sent Out:** 04-10-24 — **Email/Fax/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.*

Atlas Labs

Batch # 2022 *

22-1275301

Analysis Date *

04/10/2024

Project #

Name / Company *

A1 Hauling

Project Name

KST Demo

PO #

Analyst *

Ryan Carpenter

Project Location *

3380 K St., Washougal, WA

Turnaround Time *

5-Day

Asbestos Analysis of Bulk Material by Polarized Light Microscopy

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
1	1	Transite Siding (Grey) - R-Side Exterior Walk	Cellulose	Chrysotile	35%
2	1	Transite Siding (Grey) - R-Side Exterior Gable	Cellulose	Chrysotile	35%
3	1	Transite Siding (Grey) - R-Side Exterior Wall	Cellulose	Chrysotile	35%
4	1	Vinyl (Beige) - Laundry Floor	Cellulose / Fiberglass	None Present	N/D
4	2	Mastic (Yellow) - Laundry Floor	Cellulose	None Present	N/D
5	1	Ceiling Tile (Brown) - Laundry Ceiling	Cellulose	None Present	N/D
6	1	Drywall (White) - Laundry Wall	Cellulose	None Present	N/D
6	2	Joint Compound (White) - Laundry Wall	Cellulose	None Present	N/D
7	1	Vinyl (Beige) - Kitchen Floor	Cellulose / Fiberglass	None Present	N/D
7	2	Mastic (Yellow) - Kitchen Floor	Cellulose	None Present	N/D
8	1	Ceiling Tile (Brown) - Ceiling PNL LV RM	Cellulose	None Present	N/D
9	1	Ceiling Tile (Brown) - Ceiling PNL Rear BDRM	Cellulose	None Present	N/D
10	1	Shingle (Black / Grey) - Roofing	Fiberglass	None Present	N/D

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
10	2	Tar Paper (Black) - Roofing	Cellulose	None Present	N/D
11	1	Vermiculite Insulation (Brown) - Attic	Cellulose	Tremolite	2%
12	1	Texture (Green) - LV RM Wall	Cellulose	Chrysotile	2%
12	2	Fiberboard (Brown) - LV RM Wall	Cellulose	None Present	N/D
13	1	Fiberboard (Brown) - Rear BDRM 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.

SanAir Technologies Laboratory

The Identification Specialists

Analysis Report prepared for Atlas Labs, Inc.

Report Date: 4/30/2024

Project Name: KST Demo

Project #: 3380 K St. Washougal

SanAir ID#: 24023958

NVLAP TESTING

NVLAP LAB CODE 200870-0

10501 Trade Court | North Chesterfield, Virginia 23236
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com

SanAir
Technologies Laboratory

SanAir ID Number
24023958
FINAL REPORT
4/30/2024 1:58:17 PM

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

Project Number: 3380 K St. Washougal
P.O. Number:
Project Name: KST Demo
Collected Date: 4/10/2024
Received Date: 4/30/2024 11:24:00 AM

Analyst: Hogrefe, Sarah

Asbestos EPA PLM 400 Point Count - Vermiculite

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-fibrous	Asbestos Fibers
11 / 24023958-001 Sample #11 Layer 1-Vermiculite Insulation Attic	Brown Non-Fibrous Heterogeneous		100% Other	< 0.25% Tremolite

Analyst: SHogrefe
Analysis Date: 4/30/2024

Approved Signatory: Johnathan Wilson
Date: 4/30/2024

Disclaimer and Additional Information

400 Point Count Method EPA 600/R-93/116, Section 2.4.5.2.2.: Milling. Samples are cryo-milled prior to analysis.

EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

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Asbestos Accreditations

National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 200870-0
City of Philadelphia Department of Public Health Air Management Services, Certification#ALL-460
Commonwealth of Pennsylvania Department of Environmental Protection Number 68-05397
California State Environmental Laboratory Accreditation Program Certificate Number 2915
Colorado Department of Public Health and Environment Registration Number AL-23143
Connecticut Department of Public Health Environmental Laboratory Registration Number PH-0105
Massachusetts Department of Labor Standards Asbestos Analytical Services License Number: AA000222
State of Maine Department of Environmental Protection License Number: LB-0075, LA-0084
New York State Department of Health Laboratory ID: 11983
State of Rhode Island Department of Health Certification No.: PCM00126, PLM00126, TEM00126
Texas Department of State Health Services License Number: 300440
Commonwealth of Virginia Department of Professional and Occupational Regulation Number: 3333000323
State of Washington Department of Ecology Laboratory ID: C989
State of West Virginia Bureau for Public Health Analytical Laboratory Number: LT000616
Vermont Department of Health License Number: Asb-Co-An-000006
Louisiana Department of Environmental Quality AI Number 212253, Certificate #05088

SanAir Technologies Laboratory

10501 Trade Ct., Suite 100
N. Chesterfield, VA 23236
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

Asbestos Chain of Custody

Form 140, Rev 7, 10/20/2022

SanAir ID Number: 24023958

Company: Atlas Labs, Inc.	Project #: 3380 K St., Washougal, WA	Collected by: A1 Hauling
Address: 14795 SW 72nd Ave. Suite B	Project Name: KST Demo	Phone #: 360-852-8936
City, St., Zip: Portland, OR 97224	Date Collected: 04-10-2024	Fax #:
State of Collection: WA Account#: 3512	P.O. Number: N/A	Email: kelly@atlaslabinc.com

Bulk

ABB	PLM EPA 600/R-93/116	☐
	Positive Stop ☐	
ABEPA	PLM EPA 400 Point Count	✔
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB**	☐
ABBCH	TEM Chatfield**	☐
ABBTM	TEM EPA NOB**	☐
ABQ	PLM Qualitative	☐

** Available on 24-hr. to 5-day TAT

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐
Other:		☐

New York ELAP

ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐
	Positive Stop	☐

Soil

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐

Vermiculite

ABB	PLM EPA 600/R-93/116	☐
ABEPA3	PLM EPA 400 Point Count	☐
ABCM	Cincinnati Method	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Matrix	Other	
		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ■	12 HR ☐	1 Day ☐
	☐ 2 Days	☐ 3 Days	☐ 4 Days	☐ 5 Days

Special Instructions: 3380 K St., Washougal, WA

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start – Stop Time*	
11	Sample #11 Layer 1-Vermiculite Insulation(Brown) Attic					

Relinquished by	Date	Time	Received by	Date	Time
Kelly Katona	04/29/2024	8:00am	BA	4130124	10:15am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of $150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Ground and Next Day Air shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

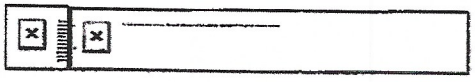
24023958

Erin Fowler

From: Kelly Katona <kelly@atlaslabinc.com>
Sent: Tuesday, April 30, 2024 11:24 AM
To: Erin Fowler; Trista Becker
Subject: Re: RUSH JOB KST Demo: Analytical Test Code Update Required

Good morning Erin,
Yes, let's go ahead and proceed with the analysis.
And thank you for the updated chain!

Kelly Katona
Office Administrator
(360) 852-8936
www.atlaslabsinc.com
5620 NE Gher Rd, Ste H, Vancouver, WA 98662



On Tue, Apr 30, 2024 at 8:07 AM Erin Fowler <efowler@sanair.com> wrote:

SanAir ID: 24023958

Project Name: KST Demo

Good morning,

For the asbestos project noted above, the vermiculite sample needs to be analyzed by ABEPA3 instead of ABEPA as requested on the chain of custody. ABEPA3 is the PLM EPA 400 Point Count **with cryo-milling**, which is the appropriate test type for vermiculite samples.

Please confirm this test type change so we can proceed with analysis.

EDR 4/30/24 11:24 a.m.

A-1 DEMOLITION & HAULING

APPENDIX B

A-1 DEMOLITION & HAULING

APPENDIX C

A-1 DEMOLITION & HAULING

A-1 Hauling * PO Box 1229, Washougal, WA 98671 * (503) 807-1025 * www.whatwall.com

THIS IS TO CERTIFY THAT

THOMAS WERNER

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: 02/28/2024

Course Location: Online

Certificate: IRO-24-7345B

PBS

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: 02/28/2025

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

Andy Fridley

Andy Fridley, Instructor

A-1 DEMOLITION & HAULING

#	Quanity	Location	Description	Color	Surface	Suspect ACM
11	1	Attic (400 Pt Count)	Insulation	Brown	<.25%	Vermiculite
12	1	LV RM Wall (400 Pt CT)	Texture Green	Green	<'75%	Chrysotile

SQ FT FOR SIDING IS 808sq ft

5.0 QUALIFICATIONS

A-1 Hauling 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 definite result is required, A-1 Hauling 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 to view the conditions and present recommendations.

This report has been prepared on behalf of, and exclusively for the use of this report and the finding heron shall not, in whole or in part, be disseminated or conveyed to any party, or be used or relied upon by any other party, without the consultant's prior written consent by A-1 Hauling.

If you have any questions about this information, please call our office at (503) 807-1025.

Sincerely,

Thomas Werner