



ADVANTAGE
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Limited Asbestos Building Material Survey & Limited Lead Based Paint Sampling Report



Conducted for:
BELFOR Restoration
12823 NE Airport Way
Portland, OR 97230

Prepared By:
Advantage Environmental Inc.
9317 NE Hwy 99, Suite D
Vancouver, WA 98665

Project Number
240070

Conducted at
Job Order: 102039831
Lake Grove Elementary
15777 Boones Ferry Rd.
Lake Oswego, OR 97035

Inspection Date(s)
Tuesday, January 18, 2024
Thursday, January 20, 2024

EPA/AHERA Inspector(s)
Stephen Strickland
360-839-0370
AHERA# ON-4644-11135-120723
Expires: 12/07/2024

Nicholas Phillips
360-931-8433
AHERA# ON-4644-17423-012324
Expires: 1/23/2025



ADVANTAGE **Environmental** INC.

Clean your world.

January 29, 2024

BELFOR Restoration
Sean Stebbins
12823 NE Airport Way
Portland, OR 97230
Sean.stebbins@us.belfor.com
503-250-4609

Re: Limited Asbestos Building Material Survey & Limited Lead Based Paint Sampling Report:
Lake Grove Elementary-15777 Boones Ferry Rd. - Lake Oswego, OR 97035

Dear Mr. Stebbins,

Advantage Environmental, Inc., (AEI) was retained by BELFOR Restoration to complete a limited asbestos building material survey & limited lead-based paint sampling report of the school structure listed above. The results of the survey are provided in the accompanying report.

The purpose of this survey was to identify the location of asbestos containing materials and lead-based paint prior to renovation and disposal of building material within the structure. The scope of work included a walk-through inspection, bulk sampling and analysis of specific suspect asbestos/lead containing materials, and a written report documenting the results of the survey. This survey was limited to the material identified within the material summary tables section.

This is not a bidding document and all quantities of asbestos containing material should be verified by the abatement contractor prior to submitting their bid.

Thank you for choosing Advantage Environmental for this project. Please feel free to contact us at (360) 356-7628 if you have any questions.

Respectfully,
Advantage Environmental, Inc.

Trystan South
Project Manager
AHERA Building Inspector

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Asbestos Regulatory Background

In the State of Oregon, the Department of Environmental Quality (DEQ) has had asbestos regulations since the mid to late 1980s and operates the asbestos abatement program, including contractor licensing, trainer accreditation, and certification for asbestos workers and supervisors. DEQ requires an AHERA accredited inspector to perform the asbestos survey but does not require an AHERA survey, except for schools for that specific stated purpose. The Oregon DEQ asbestos requirements can be found in OAR 340 Division 248.

DEQ requires that all commercial structures must have an asbestos survey performed by an accredited inspector prior to any renovation or demolition activities. In addition, all residential buildings with four units or less, constructed prior to January 1, 2004, must have an asbestos survey performed by an accredited inspector prior to any renovation or demolition activities.

"Accredited inspector" means a person who has completed training, received accreditation, and maintains valid accreditation under 40 C.F.R. Part 763 Subpart E, Appendix C (Model Accreditation Plan), Section B (Initial Training), Subsection 3 (Inspector).

All asbestos containing material is assessed, the condition is determined, and the materials are divided into two condition categories: friable and non-friable. This describes the material's potential to release asbestos fibers. "Friable asbestos material" means asbestos-containing material that when dry can be crumbled, pulverized, or reduced to powder by hand pressure or by the forces expected to act upon the material in the course of demolition, renovation, transportation, or disposal. "Non-friable asbestos material" means asbestos-containing material that is not friable. When dry, non-friable asbestos material cannot be crumbled, pulverized, or reduced to powder by hand pressure or by the forces expected to act on the material in the course of demolition, renovation, transportation, or disposal.

"Asbestos" means the asbestiform varieties of serpentine (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite (amosite), anthophyllite, actinolite, and tremolite.

"Asbestos containing material" means a material containing more than one-percent asbestos by weight.

In accordance with EPA regulations, any material which tests at less than 1% asbestos is not regulated by the EPA. However, the EPA requires that any material less than 1% asbestos be confirmed by EPA 600 Method 400 or 1000 Point Count. OSHA safety regulations still apply no matter the asbestos content.

Building Description

Type of Facility:

☐ Residence (4 units or less) ☐ Apartments ☒ School ☐ Hospital ☐ Commercial ☐ Industrial

Type of Remediation: ☒ Water Damage ☐ Fire Damage ☐ Other:

The structure is Lake Grove Elementary School. The exact size and construction date are unknown. It is a single story brick-built structure on concrete foundation. Interior walls consisted of plaster and/or gypsum wallboard. Interior ceilings consisted of ceiling tiles. The floors were concrete with carpet or tile flooring throughout sampled areas.

Inaccessible Areas:

None noted.

Sampling Methodology

Asbestos

A walk-through of the area was conducted by an EPA/AHERA accredited building inspector to identify the location of suspect hazardous materials. The location, approximate quantity and condition of each material were recorded on field data sheets. Bulk samples of each suspect material were then collected and submitted to the laboratory under chain of custody documentation for analysis of asbestos content.

Samples were collected from selected homogeneous materials to evaluate the presence or absence of hazardous materials. Determination of homogeneous material included material type, texture, pattern, color, and size. A total of 155 suspect asbestos containing material samples were analyzed including sub-layers.

All asbestos samples collected by AEI were placed into pre-labeled airtight containers and shipped to Eurofins EMLab P&K located in Glendale, CA or QuanTEM Laboratories located in Oklahoma City, OK for analysis of asbestos content. QuanTEM's and EMLab's laboratories analyzed the samples using Polarized Light Microscopy (PLM) with dispersion staining to identify asbestos constituents as required by EPA regulation 40 CFR, Part 763.

Advantage Environmental, Inc. participates in the American Industrial Hygiene Association (AIHA) Proficiency Analytical Testing's BAPAT program and is currently rated as proficient, Participant ID 163978.

Lead

A total of 5 paint samples were collected. All Lead samples were collected and placed into pre-labeled airtight containers and shipped to Eurofins EMLab P&K located in Tustin, California for analysis of lead content. Metals sampling was to meet disposal standards.

Visual Assessment and Findings

Our survey activities began with visual observation of the interior and exterior to identify homogeneous areas of suspect materials. Assessments were conducted throughout visually accessible areas of the property.

Building materials identified as concrete, glass, wood, masonry, metal or rubber were not considered suspect asbestos containing materials.

Unidentified asbestos-containing material may be in place behind walls, ceilings, under floors, beneath carpeted areas, areas outside the scope of work at the time of inspection, and in other inaccessible areas.

A table indicating sample numbers, material description, material location, material condition and content of each material sampled is included in the material summary table below.

Laboratory analytical results, chain of custody documentation and notes are included in Appendix A. AHERA Building inspector credentials are included in Appendix B.

The complete asbestos survey report must be kept onsite during any renovations or demolition activity and must be submitted to DEQ upon request.

Limitations

The report is limited to the samples shown below in the material summary pages. Upon discovery of asbestos containing material found during demolition, renovation, or after an unexpected emergency, the property owner or operator of the demolition or renovation company is required to stop work immediately. All exposed suspect materials will need to be sampled by an AHERA accredited inspector and sent to an accredited laboratory for sample analysis. Although due diligence was taken during the inspection, unidentified asbestos-containing materials may be behind wall systems, above ceiling systems, or beneath concrete slabs.

Discussion & Recommendations

Asbestos

Based on the laboratory results the following asbestos containing materials were identified during this inspection. Locations include but may not be limited to the following:

Greater Than 1% Asbestos Containing Materials						
Sample Group Number	Material Type	Material Location	Condition	Quantity	Friable Or Non-Friable	Asbestos Concentration
5 & 18	White floor tile & black mastic	Throughout the Class 1-4 Hallway and Classroom 8. <i>Additional material may be present in areas not visually accessible or outside the scope of work at the time of inspection.</i>	Poor	~1050 Sq. Ft.	Non-Friable	2% Chrysotile 5% Chrysotile
10, 23, & 24	Dark brown floor tile	Throughout the Classroom 4 sink area, Classroom 11, and Classroom 11 sink area. <i>Additional material may be present in areas not visually accessible or outside the scope of work at the time of inspection.</i>	Poor	~840 Sq. Ft.	Non-Friable	10% Chrysotile
13	Green floor tile & black mastic	Throughout Classroom 6. <i>Additional material may be present in areas not visually accessible or outside the scope of work at the time of inspection.</i>	Poor	~800 Sq. Ft.	Non-Friable	10% Chrysotile 5% Chrysotile
14, 15, 19, & 21	Black mastic	Throughout the Classroom 6 sink area, Classroom 7 sink area, Classroom 9, and Classroom 10 sink area. <i>Additional material may be present in areas not visually accessible or outside the scope of work at the time of inspection.</i>	Poor	~860 Sq. Ft.	Non-Friable	3-5% Chrysotile
25	Tan floor tile & black mastic	Throughout Classroom 26. <i>Additional material may be present in areas not visually accessible or outside the scope of work at the time of inspection.</i>	Poor	~200 Sq. Ft.	Non-Friable	2% Chrysotile 5% Chrysotile

Discussion & Recommendations (Continued)

Asbestos-containing material must be removed by a licensed asbestos abatement contractor prior to any renovation, demolition, or repair work that will impact those materials.

All friable asbestos-containing materials must be properly abated (handled, removed, and disposed) by a DEQ licensed asbestos abatement contractor prior to any demolition activity. Nonfriable material may be removed by a contractor or individual who is not a licensed asbestos abatement contractor as long as it maintains its nonfriable condition. Notification, packaging, and disposal requirements still apply to nonfriable material.

Any materials encountered that are not specifically mentioned in this report should be considered asbestos containing until sufficient sampling has been completed to determine that these materials are non-asbestos containing.

DEQ regulations

The intent of the asbestos survey is to comply with the State of Oregon asbestos survey and report requirements found in OAR 340-248-0270(1)-(3).

A copy of the complete asbestos survey report must be kept onsite at the facility during all renovation or demolition activity, including during any asbestos abatement project. DEQ can request a copy of the asbestos survey report and a complete copy of the asbestos survey report must be provided. OAR 340-248-0270(2).

OAR 340-248-0240) before performing a demolition or renovations, the owner or operator of a renovation or demolition activity must thoroughly survey, using an accredited inspector, the affected area for the presence of asbestos, including non-friable asbestos. A copy of that survey report must remain on site during a demolition or renovation activity.

OSHA regulations

(29 CFR 1926.1101) states that if asbestos containing materials, containing <1% asbestos, are to be removed by construction personnel, the employer shall provide awareness training, a written respirator protection program, respirators, and a negative exposure assessment.

The Occupational Safety and Health Administration (OSHA) classifies the removal or disturbance of asbestos containing material as Class I and Class II asbestos abatement projects. The removal of asbestos containing material requires the use of appropriate engineering controls, by a contractor licensed by the State of Oregon. The work methods utilized must include the use of wet methods, negative pressure enclosure, and decontamination facility.

Additionally, OSHA regulations (29 CFR 1926.1101) require employers to meet standards regarding personal protection, labeling, signs, daily air monitoring, use of engineering controls, notification, and respiratory protection for all activities related to the removal or disturbance of asbestos containing building materials.

Discussion & Recommendations (Continued)

EPA

***EPA recommends that bulk material found negative for asbestos or less than one percent asbestos by polarized light microscopy be reanalyzed by an additional method such as transmission electron microscopy.*

Lead

If lead-based paint will be disturbed by Renovation activities, care must be taken to avoid possible lead exposure to workers or the public during the removal of the material. Employers of workers who may be exposed to lead in the course of their work are required to demonstrate that their employees are not being exposed to lead above the Permissible Exposure Limit (PEL) established by OSHA.

According to the Department of Environmental Quality (DEQ) Policy 1997-PO-002A building demolition debris that may contain lead-based paint can be disposed of at a permitted solid waste landfill which meets current municipal solid waste disposal facility standards per 40 CFR 258 provided other hazardous material have been removed.

Results with a “less than” (<) sign indicate the sample results were below the laboratories reporting limit. See laboratory results for more information. Painted surfaces that were sampled are listed below with their corresponding analytical result.

Lead Paint Sample Results			
Sample Number	Color	Paint Location	Results (PPM) Parts Per Million
Pb-1	Olive	Office walls	<39
Pb-2	Light blue	Office walls	<40
Pb-3	Tan	Classroom 1-4 hallway	<39
Pb-4	Yellow	Classroom 2 walls	810
Pb-5	tan	Restroom interior walls	<39

Warranty

Advantage Environmental Inc. warrants that this report has been prepared in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. No other warranties are implied or expressed.

Material Summary Table

Asbestos

Materials highlighted in red contain 1% asbestos content or greater as determined by laboratory analysis. These materials will need to be removed prior to disturbance, construction or demolition activities that may impact these materials.

Sample Number	Material Description	1/20/2024-Sample Locations	Condition	Approximate Quantity	Friable Yes/No	Asbestos Content
1A	12"X12" light gray ceiling tile	Class 1-4 Hallway				Asbestos Not Present
1B	12"X12" light gray ceiling tile	Class 1-4 Hallway				Asbestos Not Present
1C	12"X12" light gray ceiling tile	Class 1-4 Hallway				Asbestos Not Present
2A	12"X12" gray ceiling tile	Classroom 26-debris				Asbestos Not Present
	Dark brown mastic	Classroom 26-debris				Asbestos Not Present
	Brown paper	Classroom 26-debris				Asbestos Not Present
2B	12"X12" gray ceiling tile	Classroom 26-debris				Asbestos Not Present
	Dark brown mastic	Classroom 26-debris				Asbestos Not Present
2C	12"X12" gray ceiling tile	Classroom 26-debris				Asbestos Not Present
	Dark brown mastic	Classroom 26-debris				Asbestos Not Present
3A	White woven material	Class 1-4 Hallway				Asbestos Not Present
	White skim coat	Class 1-4 Hallway				Asbestos Not Present
	Gray plaster	Class 1-4 Hallway				Asbestos Not Present
	Off-white drywall with brown paper	Class 1-4 Hallway				Asbestos Not Present
3B	White woven material	Class 1-4 Hallway				Asbestos Not Present
	White skim coat	Class 1-4 Hallway				Asbestos Not Present
	Gray plaster	Class 1-4 Hallway				Asbestos Not Present
	Off-white drywall with brown paper	Class 1-4 Hallway				Asbestos Not Present
3C	White woven material	Class 1-4 Hallway				Asbestos Not Present
	White skim coat	Class 1-4 Hallway				Asbestos Not Present
	Gray plaster	Class 1-4 Hallway				Asbestos Not Present
	Off-white drywall with brown paper	Class 1-4 Hallway				Asbestos Not Present
3D	White skim coat	Classroom 2-entryway				Asbestos Not Present
	Gray plaster	Classroom 2-entryway				Asbestos Not Present
3E	White skim coat	Classroom 3-entryway				Asbestos Not Present
	Gray plaster	Classroom 3-entryway				Asbestos Not Present
4A	Light gray joint compound	Front office-entry				Asbestos Not Present
	White drywall with brown paper	Front office-entry				Asbestos Not Present
4B	Light gray joint compound	Front office-entry				Asbestos Not Present
	White drywall with brown paper	Front office-entry				Asbestos Not Present
4C	White texture	Classroom 5-South Wall				Asbestos Not Present
	Cream tape	Classroom 5-South Wall				Asbestos Not Present
	White joint compound	Classroom 5-South Wall				Asbestos Not Present
	White drywall with brown paper	Classroom 5-South Wall				Asbestos Not Present

Sample Number	Material Description	1/20/2024-Sample Locations	Condition	Approximate Quantity	Friable Yes/No	Asbestos Content
4D	White texture	Classroom 6-Northwest Corner				Asbestos Not Present
	Cream tape	Classroom 6-Northwest Corner				Asbestos Not Present
	White joint compound	Classroom 6-Northwest Corner				Asbestos Not Present
	White drywall with brown paper	Classroom 6-Northwest Corner				Asbestos Not Present
4E	White texture	Classroom 7-Southeast Corner				Asbestos Not Present
	Cream tape	Classroom 7-Southeast Corner				Asbestos Not Present
	White joint compound	Classroom 7-Southeast Corner				Asbestos Not Present
	White drywall with brown paper	Classroom 7-Southeast Corner				Asbestos Not Present
4F	White texture	Classroom 8-Northwest Corner				Asbestos Not Present
	Cream tape	Classroom 8-Northwest Corner				Asbestos Not Present
	White joint compound	Classroom 8-Northwest Corner				Asbestos Not Present
	White drywall with brown paper	Classroom 8-Northwest Corner				Asbestos Not Present
4G	White texture	Classroom 9-Southeast Corner				Asbestos Not Present
	Cream tape	Classroom 9-Southeast Corner				Asbestos Not Present
	White joint compound	Classroom 9-Southeast Corner				Asbestos Not Present
	White drywall with brown paper	Classroom 9-Southeast Corner				Asbestos Not Present
4H	White texture	Classroom 10-Northwest Corner				Asbestos Not Present
	Cream tape	Classroom 10-Northwest Corner				Asbestos Not Present
	White joint compound	Classroom 10-Northwest Corner				Asbestos Not Present
	White drywall with brown paper	Classroom 10-Northwest Corner				Asbestos Not Present
4I	White texture	Classroom 11-Southeast Corner				Asbestos Not Present
	Cream tape	Classroom 11-Southeast Corner				Asbestos Not Present
	White joint compound	Classroom 11-Southeast Corner				Asbestos Not Present
	White drywall with brown paper	Classroom 11-Southeast Corner				Asbestos Not Present
4J	Light gray joint compound	Principal's Office-Southeast Corner				Asbestos Not Present
	White woven material	Principal's Office-Southeast Corner				Asbestos Not Present
	White drywall with brown paper	Principal's Office-Southeast Corner				Asbestos Not Present
4K	White texture	Classroom 26-Northeast Corner				Asbestos Not Present
	Cream tape	Classroom 26-Northeast Corner				Asbestos Not Present
	White joint compound	Classroom 26-Northeast Corner				Asbestos Not Present
	Pink drywall with brown paper	Classroom 26-Northeast Corner				Asbestos Not Present
4L	White texture	Boy's Restroom-Northwest Corner				Asbestos Not Present
	Cream tape	Boy's Restroom-Northwest Corner				Asbestos Not Present
	White joint compound	Boy's Restroom-Northwest Corner				Asbestos Not Present
	Brown drywall with brown paper	Boy's Restroom-Northwest Corner				Asbestos Not Present
4M	White texture	Source Hallway-Northwest Corner				Asbestos Not Present
	Cream tape	Source Hallway-Northwest Corner				Asbestos Not Present
	White joint compound	Source Hallway-Northwest Corner				Asbestos Not Present
	Brown drywall with brown paper	Source Hallway-Northwest Corner				Asbestos Not Present
4N	White texture	Girl's Restroom-Northwest Corner				Asbestos Not Present
	Cream tape	Girl's Restroom-Northwest Corner				Asbestos Not Present
	White joint compound	Girl's Restroom-Northwest Corner				Asbestos Not Present
	Brown drywall with brown paper	Girl's Restroom-Northwest Corner				Asbestos Not Present

Sample Number	Material Description	1/20/2024-Sample Locations	Condition	Approximate Quantity	Friable Yes/No	Asbestos Content
5	Gray carpet	Class 1-4 Hallway				Asbestos Not Present
	Yellow glue	Class 1-4 Hallway				Asbestos Not Present
	12"X12" White floor tile	Class 1-4 Hallway	Poor	~250 Sq. Ft.	No	2% Chrysotile
	Black mastic	Class 1-4 Hallway	Poor	~250 Sq. Ft.	No	5% Chrysotile
6	Yellow mastic	Classroom 2-sink area				Asbestos Not Present
	12"X12" White floor tile	Classroom 2-sink area				Asbestos Not Present
	Yellow glue	Classroom 2-sink area				Asbestos Not Present
7	20"X20" Multi-color carpet tile	Classroom 2-sink area				Asbestos Not Present
8	Yellow mastic	Classroom 3-sink area				Asbestos Not Present
	12"X12" White floor tile	Classroom 3-sink area				Asbestos Not Present
	Yellow glue	Classroom 3-sink area				Asbestos Not Present
9	20"X20" Multi-color carpet tile	Classroom 4				Asbestos Not Present
10	Yellow mastic	Classroom 4-sink area				Asbestos Not Present
	12"X12" White floor tile	Classroom 4-sink area				Asbestos Not Present
	Yellow glue	Classroom 4-sink area				Asbestos Not Present
	Dark brown floor tile	Classroom 4-sink area	Poor	~20 Sq. Ft.	No	10% Chrysotile
11	Yellow mastic	Classroom 5-sink area				Asbestos Not Present
	12"X12" White floor tile	Classroom 5-sink area				Asbestos Not Present
	Yellow glue	Classroom 5-sink area				Asbestos Not Present
12	20"X20" Multi-color carpet tile	Classroom 5				Asbestos Not Present
13	20"X20" Multi-color carpet tile	Classroom 6				Asbestos Not Present
	Yellow glue	Classroom 6				Asbestos Not Present
	9"X9" Green floor tile	Classroom 6	Poor	~800 Sq. Ft.	No	10% Chrysotile
	Black mastic	Classroom 6	Poor	~800 Sq. Ft.	No	5% Chrysotile
14	12"X12" White floor tile	Classroom 6-sink area				Asbestos Not Present
	Yellow mastic	Classroom 6-sink area				Asbestos Not Present
	Black mastic	Classroom 6-sink area	Poor	~20 Sq. Ft.	No	3% Chrysotile
15	12"X12" White floor tile	Classroom 7-sink area				Asbestos Not Present
	Yellow mastic	Classroom 7-sink area				Asbestos Not Present
	Black mastic	Classroom 7-sink area	Poor	~20 Sq. Ft.	No	3% Chrysotile
16	20"X20" Multi-color carpet tile	Classroom 7				Asbestos Not Present
17	Yellow mastic (top)	Classroom 8-sink area				Asbestos Not Present
	12"X12" White floor tile	Classroom 8-sink area				Asbestos Not Present
	Tan mastic	Classroom 8-sink area				Asbestos Not Present

Sample Number	Material Description	1/20/2024-Sample Locations	Condition	Approximate Quantity	Friable Yes/No	Asbestos Content
18	20"X20" Multi-color carpet tile	Classroom 8				Asbestos Not Present
	Yellow glue	Classroom 8				Asbestos Not Present
	9"X9" White floor tile	Classroom 8	Poor	~800 Sq. Ft.	No	2% Chrysotile
	Black mastic	Classroom 8	Poor	~800 Sq. Ft.	No	5% Chrysotile
19	20"X20" Multi-color carpet tile	Classroom 9-Southeast Corner				Asbestos Not Present
	Yellow glue	Classroom 9-Southeast Corner				Asbestos Not Present
	9"X9" White floor tile	Classroom 9-Southeast Corner				Asbestos Not Present
	Black mastic	Classroom 9-Southeast Corner	Poor	~800 Sq. Ft.	No	3% Chrysotile
20	12"X12" White floor tile	Classroom 9-sink area				Asbestos Not Present
	Yellow mastic	Classroom 9-sink area				Asbestos Not Present
21	12"X12" White floor tile	Classroom 10-sink area				Asbestos Not Present
	Yellow mastic	Classroom 10-sink area				Asbestos Not Present
	Black mastic	Classroom 10-sink area	Poor	~20 Sq. Ft.	No	5% Chrysotile
22	20"X20" Multi-color carpet tile	Classroom 10				Asbestos Not Present
23	20"X20" Multi-color carpet tile	Classroom 11				Asbestos Not Present
	Yellow glue	Classroom 11				Asbestos Not Present
	Dark brown floor tile	Classroom 11	Poor	~800 Sq. Ft.	No	10% Chrysotile
24	12"X12" White floor tile	Classroom 11-sink area				Asbestos Not Present
	Yellow mastic	Classroom 11-sink area				Asbestos Not Present
	Dark brown floor tile	Classroom 11-sink area	Poor	~20 Sq. Ft.	No	10% Chrysotile
25	20"X20" Multi-color carpet tile	Classroom 26				Asbestos Not Present
	Tan glue	Classroom 26				Asbestos Not Present
	Tan floor tile	Classroom 26	Poor	~200 Sq. Ft.	No	2% Chrysotile
	Black mastic	Classroom 26	Poor	~200 Sq. Ft.	No	5% Chrysotile
26	12"X12" White floor tile	Janitor closet				Asbestos Not Present
	Yellow mastic	Janitor closet				Asbestos Not Present
	Gray cementitious material	Janitor closet				Asbestos Not Present
27	20"X20" Multi-color carpet tile	Office entry				Asbestos Not Present
28	4" Blue baseboard	Classroom 26-Northeast Corner				Asbestos Not Present
	White mastic	Classroom 26-Northeast Corner				Asbestos Not Present
	White leveling compound	Classroom 26-Northeast Corner				Asbestos Not Present
29	4" Gray baseboard	Janitor closet-Northeast Corner				Asbestos Not Present
	Yellow mastic	Janitor closet-Northeast Corner				Asbestos Not Present

Sample Number	Material Description	1/20/2024-Sample Locations	Condition	Approximate Quantity	Friable Yes/No	Asbestos Content
30	4" Gray baseboard Yellow mastic Gray grout	Class 1-4 Hallway Class 1-4 Hallway Class 1-4 Hallway				Asbestos Not Present Asbestos Not Present Asbestos Not Present
31	4" Blue baseboard White mastic White leveling compound	Principal's Office-Southeast Corner Principal's Office-Southeast Corner Principal's Office-Southeast Corner				Asbestos Not Present Asbestos Not Present Asbestos Not Present
32	Brown/white semi-fibrous material	Classroom 7				Asbestos Not Present
33	Brown/white semi-fibrous material	Classroom 10-Northwest Corner				Asbestos Not Present
34	Brown/white semi-fibrous material	Classroom 2				Asbestos Not Present
35	Pink insulation Brown paper with foil	Classroom 26-debris Classroom 26-debris				Asbestos Not Present Asbestos Not Present

Sample Number	Material Description	1/18/2024-Sample Locations	Condition	Approximate Quantity	Friable Yes/No	Asbestos Content
1A	White joint compound	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
1B	White drywall	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
1C	White drywall	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
2A	White ceiling tile	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
	Brown mastic	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
	White drywall	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
2B	White ceiling tile	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
	Brown mastic	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
	White drywall	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
2C	White ceiling tile	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
	Brown mastic	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
	White drywall	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present
3	Pink insulation	Classroom near Boy's Restroom 26.2-Debris Pile				Asbestos Not Present

☐ No ACM was identified during the survey. (mark if applicable)

DEFINITIONS (per DEQ rules)

Accredited Inspector – means a person who has completed training, received accreditation, and maintains valid accreditation under 40 C.F.R. Part 763 Subpart E, Appendix C. OAR 340-248-0010(1)

Asbestos Abatement Project – means a demolition, renovation, repair, construction, or maintenance activity of a facility that involves the repair, enclosure, encapsulation, removal, salvage, handling, or disposal of asbestos-containing material with the potential of releasing asbestos fibers from asbestos-containing material into the air. OAR 340-248-0010(6)

Asbestos-containing material – means a material containing more than one-percent asbestos by weight. OAR 340-248-0010(8)

Demolition – means wrecking or removing a load-supporting structural member of a facility together with related handling operations or the intentional burning of a facility. OAR 340-248-0010(18)

Facility – means all or part of a public or private building, structure, installation, equipment, vehicle, or vessel, including but not limited to ships. OAR 340-248-0010(20)

Friable – means asbestos-containing material that when dry can be crumbled, pulverized, or reduced to powder by hand pressure or by the forces expected to act upon the material in the course of demolition, renovation, transportation, or disposal. OAR 340-248-0010(21)

Nonfriable – means asbestos-containing material that is not friable. When dry, nonfriable asbestos material cannot be crumbled, pulverized, or reduced to powder by hand pressure or by the forces expected to act on the material in the course of demolition, renovation, transportation, or disposal. OAR 340-248-0010(32)

Owner or Operator - means a person who owns, leases, operates, controls, or supervises the facility undergoing demolition or renovation or a person who owns, leases, operates, controls, or supervises the demolition or renovation operation, or both. OAR 340-248-0010(34)

Renovation – means altering one or more facility components. Renovation includes replacing, stripping, or repairing facility components, such as mechanical ventilation systems, pipes, ceilings, walls, flooring, and insulating materials. Operations in which load-supporting structural members are wrecked or removed are excluded. OAR 340-248-0010(39)

APPENDIX A
Laboratory Analytical Results
Chain of Custody



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 365671

Account Number: B513

Client: Advantage Environmental, Inc.
Chelsea Moore

Date Received: 01/23/2024

Received By: Courtney Holman

Date Analyzed: 01/24/2024

Analyzed By: Cassie Sanborn

Methodology: EPA/600/R-93/116

Project: Belfor Restoration

Project Location: 15777 Boones Ferry Rd. Lake Oswego, OR

Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1A	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO ₃
001a		Layered	White Drywall	Asbestos Not Present	Cellulose Glass Fiber	10 2 Gypsum Mica
002	1B	Homogeneous	White Drywall	Asbestos Not Present	Cellulose Glass Fiber	10 2 Gypsum Mica
003	1C	Homogeneous	White Drywall	Asbestos Not Present	Cellulose Glass Fiber	10 2 Gypsum Mica
004	2A	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	50 30 Perlite Paint
004a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
004b		Layered	White Drywall	Asbestos Not Present	Cellulose Glass Fiber	10 2 Gypsum Mica

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited Testing PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested.

NVLAP accreditation applies only to analysis performed utilizing EPA—40 CFR Appendix E to Subpart E of Part 763 and EPA/600/R-93/116 methods.

This report may not be used to claim product endorsement by NVLAP or any agency of the US Government.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	365671	Client:	Advantage Environmental, Inc.
Account Number:	B513		Chelsea Moore
Date Received:	01/23/2024		
Received By:	Courtney Holman		
Date Analyzed:	01/24/2024	Project:	Belfor Restoration
Analyzed By:	Cassie Sanborn	Project Location:	15777 Boones Ferry Rd. Lake Oswego, OR
Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	2B	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
005a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
005b		Layered	White Drywall	Asbestos Not Present	Cellulose 10 Glass Fiber 2	Gypsum Mica
006	2C	Layered	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
006a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
006b		Layered	White Drywall	Asbestos Not Present	Cellulose 10 Glass Fiber 2	Gypsum Mica

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 365671

Account Number: B513

Client: Advantage Environmental, Inc.
Chelsea Moore

Date Received: 01/23/2024

Received By: Courtney Holman

Date Analyzed: 01/24/2024

Analyzed By: Cassie Sanborn

Methodology: EPA/600/R-93/116

Project: Belfor Restoration

Project Location: 15777 Boones Ferry Rd. Lake Oswego, OR

Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	3	Homogeneous	Pink Insulation	Asbestos Not Present	Glass Fiber	100

Cassie Sanborn

Cassie Sanborn, Laboratory Analyst

1/24/2024

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

Page 1 of ____

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	<u>365671</u>
☒ Accept	☐ Reject

Contact Information		Project Information		Report Results (☒ one box)
Company: Advantage Environmental, Inc	Phone: (360) 365-7628	Project Name: <u>Belfer Restoration</u>	☒ QuantEM Website	
Contact:	Cell Phone: <u>360 931 8433</u>	Project Location: <u>15777 Boones Ferry Rd, Lake George OR</u>	☐ Email <u>testing@advantage-enviro.com</u>	
Account #: <u>B-513</u>	E-mail: <u>testing@advantage-enviro.com</u>	Project ID:	☐ Other _____	
SAMPLED BY: Name: <u>Nick P</u>	Date: <u>1/18/2024</u>	P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
<u>Nick Phillips</u>	<u>1/18/2024</u> <u>6:00 PM</u>	<u>Fedex</u>	<u>[Signature]</u>	<u>1/23/24 @ 10:40</u>

REQUESTED SERVICES (Please ☒ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☒ Bulk Analysis **	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☒ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count		☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	PCM	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID	☐ NIOSH 7400	☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☒ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1A	☒	white	Dry wall	N/A	Debris Pile ↓
2	1B	☒	white	Dry wall	N/A	
3	1C	☒	white	Dry wall	N/A	
4	2A	☒	white	Glued-on ceiling tile + Mastec	N/A	
5	2B	☒	white	Glued-on ceiling tile + Mastec	N/A	
6	2C	☒	white	Glued-on ceiling tile + Mastec	N/A	
7	3	☒	Pink	Insulation	N/A	
8		☐				
9		☐				
10		☐				

SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup" Please Note - UPS and USPS are NOT available for Saturday **PLM Bulk Analysis (EPA 40-CFR Appendix E to Subpart E of Part 763 and EPA 600/R-93/116 Methods)

Report for:

Chelsea Moore
Advantage Environmental, Inc.
9317 NE Highway 99, Suite D
Vancouver, WA 98665

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: Belfor (Lake Grove Elementary); 15777 Boones ferry Rd., Lake Oswego, OR
EML ID: 3514980

Approved by:

Dates of Analysis:
Asbestos PLM: 01-23-2024



Approved Signatory
Roshanak Kalantari

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200945-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Total Samples Submitted: 56

Total Samples Analyzed: 56

Total Samples with Layer Asbestos Content > 1%: 11

Location: 1A, 12 x 12 ceiling tile - Class 1-4 hallway

Lab ID-Version‡: 17162980-1

Sample Layers	Asbestos Content
Light Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 40% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 1B, 12 x 12 ceiling tile - Class 1-4 hallway

Lab ID-Version‡: 17162981-1

Sample Layers	Asbestos Content
Light Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 40% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 1C, 12 x 12 ceiling tile - Class 1-4 hallway

Lab ID-Version‡: 17162982-1

Sample Layers	Asbestos Content
Light Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 40% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 2A, 12 x 12 ceiling tile - Class 26 debris

Lab ID-Version‡: 17162983-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Dark Brown Mastic	ND
Brown Paper	ND
Composite Non-Asbestos Content:	45% Cellulose 35% Glass Fibers
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 2B, 12 x 12 ceiling tile - Class 26 debris

Lab ID-Version‡: 17162984-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Dark Brown Mastic	ND
Composite Non-Asbestos Content:	45% Cellulose 40% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 2C, 12 x 12 ceiling tile - Class 26 debris

Lab ID-Version‡: 17162985-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Dark Brown Mastic	ND
Composite Non-Asbestos Content:	45% Cellulose 40% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 3A, Plaster - Class 1-4 hallway

Lab ID-Version‡: 17162986-1

Sample Layers	Asbestos Content
White Woven Material	ND
White Skim Coat	ND
Gray Plaster	ND
Off-White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose 10% Cotton
Sample Composite Homogeneity:	Moderate

Location: 3B, Plaster - Class 1-4 hallway

Lab ID-Version‡: 17162987-1

Sample Layers	Asbestos Content
White Woven Material	ND
White Skim Coat	ND
Gray Plaster	ND
Off-White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose 10% Cotton
Sample Composite Homogeneity:	Moderate

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 3C, Plaster - Class 1-4 hallway

Lab ID-Version‡: 17162988-1

Sample Layers	Asbestos Content
White Woven Material	ND
White Skim Coat	ND
Gray Plaster	ND
Off-White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose 10% Cotton
Sample Composite Homogeneity:	Moderate

Location: 3D, Plaster - Class 2 entryway

Lab ID-Version‡: 17162989-1

Sample Layers	Asbestos Content
White Skim Coat	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: 3E, Plaster - Class 3 entryway

Lab ID-Version‡: 17162990-1

Sample Layers	Asbestos Content
White Skim Coat	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: 4A, GWB/Joint Compound - Front office entry

Lab ID-Version‡: 17162991-1

Sample Layers	Asbestos Content
Light Gray Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 4B, GWB/Joint Compound - Front office entry

Lab ID-Version‡: 17162992-1

Sample Layers	Asbestos Content
Light Gray Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4C, GWB/Joint Compound - Class 5 South wall

Lab ID-Version‡: 17162993-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4D, GWB/Joint Compound - Class 6 NW corner

Lab ID-Version‡: 17162994-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4E, GWB/Joint Compound - Class 7 SE corner

Lab ID-Version‡: 17162995-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 4F, GWB/Joint Compound - Class 8 NW corner

Lab ID-Version‡: 17162996-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4G, GWB/Joint Compound - Class 9 SE corner

Lab ID-Version‡: 17162997-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4H, GWB/Joint Compound - Class 10 NW corner

Lab ID-Version‡: 17162998-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4I, GWB/Joint Compound - Class 11 SE corner

Lab ID-Version‡: 17162999-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 4J, GWB/Joint Compound - SE corner Principal's office

Lab ID-Version‡: 17163000-1

Sample Layers	Asbestos Content
Light Gray Joint Compound	ND
White Woven Material	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 4K, GWB/Joint Compound - Class 26 NE corner

Lab ID-Version‡: 17163001-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
Pink Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4L, GWB/Joint Compound - Boy's restroom NW corner

Lab ID-Version‡: 17163002-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
Brown Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 4M, GWB/Joint Compound - Source hallway NW corner

Lab ID-Version‡: 17163003-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 4N, GWB/Joint Compound - Girl's restroom NW corner

Lab ID-Version‡: 17163004-1

Sample Layers	Asbestos Content
White Texture	ND
Cream Tape	ND
White Joint Compound	ND
Brown Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 5, Carpet tile over 12 x 12 floor tile - Class 1-4 hallway

Lab ID-Version‡: 17163005-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Glue	ND
White Floor Tile	2% Chrysotile
Black Mastic	5% Chrysotile
Composite Non-Asbestos Content:	25% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 6, 12 x 12 floor tile - Class 2 sink area

Lab ID-Version‡: 17163006-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	ND
Yellow Glue	ND
Sample Composite Homogeneity:	Good

Location: 7, 20 x 20 carpet tile - Class 2 sink area

Lab ID-Version‡: 17163007-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Composite Non-Asbestos Content:	50% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 8, 12 x 12 floor tile - Class 3 sink area

Lab ID-Version‡: 17163008-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	ND
Yellow Glue	ND
Sample Composite Homogeneity: Good	

Location: 9, 20 x 20 carpet tile - Class 4

Lab ID-Version‡: 17163009-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Composite Non-Asbestos Content:	50% Synthetic Fibers
Sample Composite Homogeneity: Good	

Location: 10, 12 x 12 floor tile - Class 4 sink area

Lab ID-Version‡: 17163010-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	ND
Yellow Glue	ND
Dark Brown Floor Tile	10% Chrysotile
Sample Composite Homogeneity: Good	

Location: 11, 12 x 12 floor tile - Class 5 sink area

Lab ID-Version‡: 17163011-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	ND
Yellow Glue	ND
Sample Composite Homogeneity: Good	

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 12, 20 x 20 carpet tile - Class 5

Lab ID-Version‡: 17163012-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Composite Non-Asbestos Content:	50% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 13, 20 x 20 carpet tile over 9 x 9 Floor tile - Class 6

Lab ID-Version‡: 17163013-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Yellow Glue	ND
Green Floor Tile	10% Chrysotile
Black Mastic	5% Chrysotile
Sample Composite Homogeneity:	Good

Location: 14, 12 x 12 floor tile - Class 6 sink area

Lab ID-Version‡: 17163014-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

Location: 15, 12 x 12 floor tile - Class 7 sink area

Lab ID-Version‡: 17163015-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 16, 20 x 20 carpet tile - Class 7

Lab ID-Version‡: 17163016-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Composite Non-Asbestos Content:	50% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 17, 12 x 12 floor tile - Class 8 sink area

Lab ID-Version‡: 17163017-1

Sample Layers	Asbestos Content
Yellow Mastic (Top)	ND
White Floor Tile	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: 18, 20 x 20 carpet tile over 9 x 9 floor tile - Class 8

Lab ID-Version‡: 17163018-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Yellow Glue	ND
White Floor Tile	2% Chrysotile
Black Mastic	5% Chrysotile
Composite Non-Asbestos Content:	65% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 19, 20 x 20 carpet tile over 9 x 9 floor tile - Class 9 SE corner

Lab ID-Version‡: 17163019-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Yellow Glue	ND
White Floor Tile	ND
Black Mastic	3% Chrysotile
Composite Non-Asbestos Content:	65% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 20, 12 x 12 floor tile - Class 9 sink area

Lab ID-Version‡: 17163020-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 21, 12 x 12 floor tile - Class 10 sink area

Lab ID-Version‡: 17163021-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Black Mastic	5% Chrysotile
Sample Composite Homogeneity:	Good

Location: 22, 20 x 20 carpet tile - Class 10

Lab ID-Version‡: 17163022-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Composite Non-Asbestos Content:	50% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 23, 20 x 20 carpet tile - Class 11

Lab ID-Version‡: 17163023-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Yellow Glue	ND
Dark Brown Floor Tile	10% Chrysotile
Composite Non-Asbestos Content:	70% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 24, 12 x 12 floor tile - Class 11 sink area

Lab ID-Version‡: 17163024-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Dark Brown Floor Tile	10% Chrysotile
Sample Composite Homogeneity: Good	

Location: 25, 20 x 20 carpet tile - Class 26

Lab ID-Version‡: 17163025-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Tan Glue	ND
Tan Floor Tile	2% Chrysotile
Black Mastic	5% Chrysotile
Sample Composite Homogeneity: Good	

Location: 26, 12 x 12 floor tile - Janitor closet

Lab ID-Version‡: 17163026-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Good	

Location: 27, 20 x 20 carpet tile - Office entry

Lab ID-Version‡: 17163027-1

Sample Layers	Asbestos Content
Multicolored Carpet Tile	ND
Composite Non-Asbestos Content: 50% Synthetic Fibers	
Sample Composite Homogeneity: Good	

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 28, 4" Cove Base - Class 26 NE corner

Lab ID-Version‡: 17163028-1

Sample Layers	Asbestos Content
Blue Baseboard	ND
White Mastic	ND
White Leveling Compound	ND
Sample Composite Homogeneity: Good	

Location: 29, 4" Cove Base - Janitor closet NE corner

Lab ID-Version‡: 17163029-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: 30, 4" Cove Base - Class 1-4 hallway

Lab ID-Version‡: 17163030-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Gray Grout	ND
Sample Composite Homogeneity: Good	

Location: 31, 4" Cove Base - SE corner Principal's office

Lab ID-Version‡: 17163031-1

Sample Layers	Asbestos Content
Blue Baseboard	ND
White Mastic	ND
White Leveling Compound	ND
Sample Composite Homogeneity: Good	

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Client: Advantage Environmental, Inc.
C/O: Chelsea Moore
Re: Belfor (Lake Grove Elementary); 15777 Boones
ferry Rd., Lake Oswego, OR

Date of Sampling: 01-20-2024
Date of Receipt: 01-23-2024
Date of Report: 01-23-2024

ASBESTOS PLM REPORT

Location: 32, Cabinet - Class 7

Lab ID-Version‡: 17163032-1

Sample Layers	Asbestos Content
Brown/White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	65% Cellulose
Sample Composite Homogeneity:	Good

Location: 33, Cabinet - Class 10 NW corner

Lab ID-Version‡: 17163033-1

Sample Layers	Asbestos Content
Brown/White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	65% Cellulose
Sample Composite Homogeneity:	Good

Location: 34, Cabinet - Class 2

Lab ID-Version‡: 17163034-1

Sample Layers	Asbestos Content
Brown/White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	65% Cellulose
Sample Composite Homogeneity:	Good

Location: 35, Insulation - Class 26 debris

Lab ID-Version‡: 17163105-1

Sample Layers	Asbestos Content
Pink Insulation	ND
Brown Paper with Foil	ND
Composite Non-Asbestos Content:	65% Glass Fibers 10% Cellulose
Sample Composite Homogeneity:	Moderate

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SSF, CA: 6000 Shoreline Ct, Ste. 205, S. San Francisco, CA 94080 * (866) 888-6653

LEVEL	WEATHER	Fog	Rain	Snow	Wind	Clear
	None	✓		✓	✓	
	Light					
	Moderate		✓			
	Heavy					

REQUESTED SERVICES



003514980

CONTACT INFORMATION

Company:	Advantage Environmental	Address:	9317 NE HWY 99, STE D, Vancouver, WA 98665
Contact:	Chelsea Moore	Special Instructions:	
Phone:	360-356-7628		

PROJECT INFORMATION

Project ID:	Belfor (Lake Grove Elementary)
Project Description:	15777 Brooks Ferry Rd, Lake Oswego, OR
Project Zip Code:	
PO Number:	
Sampling Date/Time:	12/24/11am
Sampled By:	Steve S.

TURN AROUND TIME CODES - (TAT)

STD - Standard (Default)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
ND - Next Business Day	
SD - Same Business Day	
WH - Weekend/Holiday/ASAP	

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
1A	12x12 ceiling tile	B	SD	1000sqft	Class 1-4 hallway
1B	"				"
1C	"				"
2A	12x12 ceiling tile			250sqft	Class 26 Debris
2B	"				"
2C	"				"
3A	Plaster			1000sqft	Class 1-4 hallway
3B	"				"
3C	"				"
3D	"			850sqft	Class 2 entryway
3E	"			850sqft	Class 3 entryway
4A	GWB/Joint Compound			1000sqft	Front office entry
4B	"				"
4C	"			850sqft	Class 5 South wall
4D	"			850sqft	Class 5 NW corner

SAMPLE TYPE CODES

BC - BioCassette™	CP - Contact Plate	T - Tape	O - Other:
A1S - Andersen	ST - Spore Trap	SW - Swab	
SAS - Surface Air Sampler	B - Bulk	SO - Soil	
NP - Non-potable Water	P - Potable Water	D - Dust	

RELINQUISHED BY

DATE & TIME

RECEIVED BY

DATE & TIME

T. Baker

1/23/24
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SSF, CA: 6000 Shoreline Ct, Ste. 205, S. San Francisco, CA 94080 * (866) 888-6653

LEVEL	WEATHER	Fog	Rain	Snow	Wind	Clear
	None					
	Light					
	Moderate					
	Heavy					

REQUESTED SERVICES



003514980

CONTACT INFORMATION

Company:	Advantage Environmental	Address:	9317 NE HWY 99, STE D, Vancouver, WA 98665
Contact:	Chelsea Moore	Special Instructions:	
Phone:	360-356-7628		

PROJECT INFORMATION

Project ID:	Lake Grove Elem	STD - Standard (Default)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:		ND - Next Business Day	
Project Zip Code:		SD - Same Business Day	
PO Number:		WH - Weekend/Holiday/ASAP	

TURN AROUND TIME CODES - (TAT)

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
4E	GW B Joint Compound	B	SD	850sqft	Class 7 SE corner
4F	"			850sqft	Class 8 NW corner
4G	"			850sqft	Class 9 SE corner
4H	"			850sqft	Class 10 NW corner
4I	"			850sqft	Class 11 SE corner
4J	"			150sqft	SE corner principals office
4K	"			250sqft	Class 26 NE corner
4L	"			175sqft	Boys restroom NW corner
4M	"			1500sqft	Source hallway NW corner
4N	"			175sqft	girls restroom NW corner
5	carpet tile over 12x12 floor tile			250sqft	Class 14 hallway
6	12x12 floor tile			20sqft	Class 2 sink area
7	20x20 carpet tile			800sqft	Class 2 sink area
8	12x12 floor tile			20sqft	Class 3 sink area
9	20x20 carpet tile			800sqft	Class 4

SAMPLE TYPE CODES

BC - BioCassette™	CP - Contact Plate	T - Tape	O - Other:
A1S - Andersen	ST - Spore Trap	SW - Swab	
SAS - Surface Air Sampler	B - Bulk	SO - Soil	
NP - Non-potable Water	P - Potable Water	D - Dust	

RELINQUISHED BY

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T. K. Kabe

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SSF, CA: 6000 Shoreline Ct, Ste. 205, S. San Francisco, CA 94080 * (866) 888-6653

LEVEL	WEATHER					
	None	Fog	Rain	Snow	Wind	Clear
	Light					
	Moderate					
	Heavy					

REQUESTED SERVICES



003514980

CONTACT INFORMATION

Company:	Advantage Environmental	Address:	9317 NE HWY 99, STE D, Vancouver, WA 98665
Contact:	Chelsea Moore	Special Instructions:	
Phone:	360-356-7628		

PROJECT INFORMATION

Project ID:	Lake Grove Elm		STD - Standard (Default)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:			ND - Next Business Day	
Project Zip Code:	Sampling Date/Time:		SD - Same Business Day	
PO Number:	Sampled By:		WH - Weekend/Holiday/ASAP	

TURN AROUND TIME CODES - (TAT)

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
10	12x12 Floor tile	B	SD	20 sqft	Class 4 sink area
11	12x12 Floor tile			20 sqft	Class 5 sink area
12	20x20 carpet tile			800 sqft	Class 5
13	20x20 carpet tile over 9x9 floor tile			800 sqft	Class 6
14	12x12 Floor tile			20 sqft	Class 6 sink area
15	12x12 Floor tile			20 sqft	Class 7 sink area
16	20x20 carpet tile			800 sqft	Class 7
17	12x12 Floor tile			20 sqft	Class 8 sink area
18	20x20 carpet tile over 9x9 floor tile			800 sqft	Class 8
19	"			800 sqft	Class 9 SE corner
20	12x12 Floor tile			20 sqft	Class 9 sink area
21	"			20 sqft	Class 10 sink area
22	20x20 carpet tile			800 sqft	Class 10
23	"			800 sqft	Class 11
24	12x12 Floor tile			20 sqft	Class 11 sink area

SAMPLE TYPE CODES

BC - BioCassette™	CP - Contact Plate	T - Tape	O - Other:
AIS - Andersen	ST - Spore Trap	SW - Swab	
SAS - Surface Air Sampler	B - Bulk	SO - Soil	
NP - Non-potable Water	P - Potable Water	D - Dust	

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LEVEL	WEATHER					
	None	Fog	Rain	Snow	Wind	Clear
	Light					
	Moderate					
	Heavy					

REQUESTED SERVICES

Non-Culturable		Culturable
Spore Trap	Tape, Swab, Bulk	BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

Oth

003514980

CONTACT INFORMATION

Company:	Advantage Environmental	Address:	9317 NE HWY 99, STE D, Vancouver, WA 98665
Contact:	Chelsea Moore	Special Instructions:	
Phone:	360-356-7628		

PROJECT INFORMATION

Project ID:	Lake Grove Elem		STD - Standard (Default)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:			ND - Next Business Day	
Project Zip Code:		Sampling Date/Time:	SD - Same Business Day	
PO Number:		Sampled By:	WH - Weekend/Holiday/ASAP	

TURN AROUND TIME CODES - (TAT)

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
25	20x20 carpet tile	B	SD	200sqft	Class 26
26	12x12 floor tile			35sqft	Janitor closet
27	20x20 carpet tile			1000sqft	office entry
28	4" Core Base			100sqft	Class 26 NE corner
29	"			15sqft	Janitor closet NE corner
30	"			100sqft	Class 1-4 hallway
31	"			250sqft	SE corner principals office
32	Cabinet				Class 7
33	"				Class 10 NW corner
34	"				Class 2
35	Insulation	↓	↓	250sqft	Class 26 Debris

SAMPLE TYPE CODES

BC - BioCassette™	CP - Contact Plate	T - Tape	O - Other:
A1S - Andersen	ST - Spore Trap	SW - Swab	
SAS - Surface Air Sampler	B - Bulk	SO - Soil	
NP - Non-potable Water	P - Potable Water	D - Dust	

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Report for:

Chelsea Moore
Advantage Environmental, Inc.
9317 NE Highway 99, Suite D
Vancouver, WA 98665

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: Belfor (Lake Grove Elementary); 15777 Boores Ferry Rd, Lake Oswego, OR
EML ID: 3514526

Approved by:



Approved Signatory
Andrew Arestegui

Dates of Analysis:

Lead - Flame AA: 01-23-2024

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(800) 651-4802 www.eurofinsus.com/Built

Client: Advantage Environmental, Inc.

C/O: Chelsea Moore

Re: Belfor (Lake Grove Elementary); 15777 Boores Date of Receipt: 01-23-2024

Ferry Rd, Lake Oswego, OR

Date of Report: 01-23-2024

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	PB-1: Office Walls	PB-2: Office Walls	PB-3: Class 1-4 Hallway	PB-4: Class 2 Walls	PB-5: Restroom Interior Walls
Comments (see below)	None	None	None	None	None
Lab ID-Version‡:	17160863-1	17160864-1	17160865-1	17160866-1	17160867-1
Analysis Date:	01/23/2024	01/23/2024	01/23/2024	01/23/2024	01/23/2024
Sample type	Paint Chip sample	Paint Chip sample	Paint Chip sample	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	39 ppm	40 ppm	39 ppm	40 ppm	39 ppm
Sample size	0.2576 grams	0.2490 grams	0.2571 grams	0.2526 grams	0.2571 grams
§ Total Lead Result	< 39 ppm	< 40 ppm	< 39 ppm	810 ppm	< 39 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

SSF, CA: 6000 Shoreline Ct, Ste. 205, S. San Francisco, CA 94080 * (866) 888-6653

WEATHER		Fog	Rain	Snow	Wind	Clear
LEVEL	None					
	Light					
	Moderate					
	Heavy					

003514526

Non-Culturable		Culturable	
Spore Trap	Tape, Swab, Bulk	BioCassette™ Andersen Swab, Water, Bulk, Dust, Contact Plate	
Spore Trap Analysis			
Other biological particles - supplement			
Direct Microscopic Exam (Qualitative)			
Quantitative spore count direct exam			
Dust Characterization			
1-Media Surface Fungi (Genus ID + Asp. spp.)			
Culturable Air Fungi (Genus ID + Asp. spp.)			
Gram Stain and Counts (Culturable Air and Surface Bacteria)			
Legionella culture			
Total Coliform, E.coli (Presence/Absence)			
QuantTray-Sewage Screen			
OTHER: (please specify test)			
Asbestos In Air - PCM Airborne Fiber Count (NIOSH 7400)			
Asbestos Bulk - PLM			
Lead (Pb) - Flame AA			
PCR (please specify test)			
Allergens (please specify test)			

CONTACT INFORMATION		
Company:	Advantage Environmental	Address: 9317 NE HWY 99, STE D, Vancouver, WA 98665
Contact:	Chelsea Moore	Special Instructions:
Phone:	360-356-7628	

PROJECT INFORMATION			TURN AROUND TIME CODES - (TAT)
Project ID:	Belfor (Lake Grove Elementary)		STD - Standard (Default)
Project Description:	15777 Brones Ferry Rd, Lake Oswego, OR		ND - Next Business Day
Project Zip Code:	Sampling Date/Time:	1/20/24 0900	SD - Same Business Day
PQ Number:	Sampled By:		WH - Weekend/Holiday/ASAP

[illegible]

SAMPLE TYPE CODES			
BC - BioCassette™	CP - Contact Plate	T - Tape	O - Other:
A1S - Andersen	ST - Spore Trap	SW - Swab	
SAS - Surface Air Sampler	B - Bulk	SO - Soil	
NP - Non-potable Water	P - Potable Water	D - Dust	

RELINQUISHED BY	DATE & TIME
Stephen Strickland	1/22/24 3pm

RECEIVED BY	DATE & TIME
 John T. King	1/23/24

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/terms-of-service>

10:10
am

APPENDIX B
AHERA Building Inspector
Certification

THE ASBESTOS INSTITUTE

Certifies that

Stephen Strickland

has attended and received instruction in the EPA approved course

AHERA Building Inspector Refresher

on

December 07, 2023

and successfully completed and passed the competency exam.

Certificate:
ON-4644-11135-120723

Date of Examination:
7-Dec-2023

Date of Expiration:
07-Dec-2024



William T. Cavness
Director



Approved Instructor

THE ASBESTOS INSTITUTE

20033 N. 19th Ave, Building 6, Phoenix, AZ 85027
602-864-6564 – www.theasbestosinstitute.com

The person receiving this certificate has completed the requisite training for asbestos accreditation under TSCA Title II.

THIS IS TO CERTIFY THAT

NICK PHILLIPS

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: 01/24/2023

Course Location: Online

Certificate: IRO-23-6094B



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: 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

A handwritten signature in black ink, reading "Andy Fridley", written over a horizontal line.

Andy Fridley, Instructor