

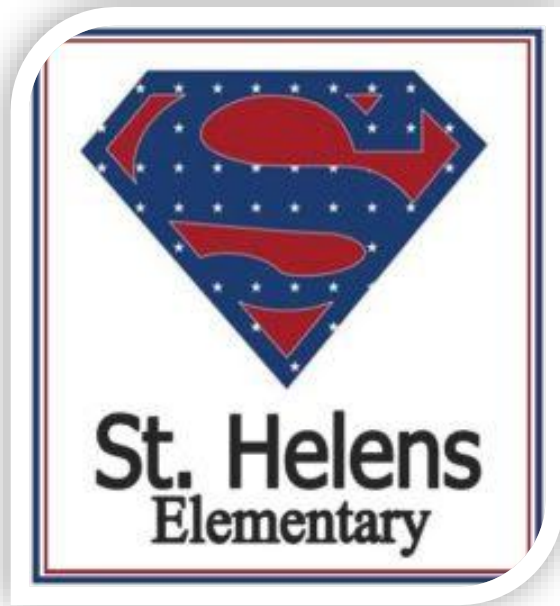


# *Sterling Technologies, LLC*

317 NE 144<sup>th</sup> Street • Vancouver, WA 98685 • (360) 576-6331

## LIMITED ASBESTOS SURVEY

**Saint Helens Elementary School  
431 27<sup>th</sup> Avenue  
Longview, Washington**



Prepared for:  
**Cody Brague, Facilities Manager**

Survey Date: March 27, 20226

Surveyed by: Thomas Nadermann  
Certificate #: IRO-26-6998A  
Certificate Expiration: February 23, 2027  
Email: thomas@sterling-llc.com

Report Date: April 3rd, 2026

## 1.0 INTRODUCTION

### 1.1 Property Description

<b>Project Address:</b>	431 27 <sup>th</sup> Avenue; Longview, WA 98632
<b>Name of Owner/Operator:</b>	Longview Public Schools
<b>Owner/Operator Address:</b>	431 27 <sup>th</sup> Avenue; Longview, WA 98632
<b>Owner/Operator Phone:</b>	Cody Bague (360) 643-0238
<b>Building Past Use:</b>	School
<b>Building Current Use:</b>	School
<b>Number of Buildings:</b>	1
<b>Number of Floors:</b>	1
<b>Year Built:</b>	1998
<b>Approx. Square Footage:</b>	39,780

The building surveyed is a school structure of steel and concrete brick and wood construction. The exterior is finished with brick. The interior floors are finished with tile and vinyl, and the walls and ceiling are finished with sheetrock and texture. The HVAC, plumbing, electrical, and attic roof areas of the building were outside of the remediation scope of work and were not investigated.

### 1.2 Purpose

The purpose of the survey is to identify the presence and condition of accessible suspect asbestos-containing materials (ACM) that may be impacted during planned renovation activities due to key card security upgrades. Asbestos may be present in materials not sampled, and additional sampling may be warranted in the event of future disturbances of suspect materials.

### 1.3 Sampling Results Summary

***A total of 10 suspect ACM samples were collected of which none were greater than 1% asbestos.***

See Section 2.0 for detailed analytical results.

### 1.4 Scope

Samples were collected of suspect asbestos-containing materials from areas potentially impacted by this specific project (key card access areas). This assessment does not include materials in areas not impacted by the scope of work or materials behind walls or above ceilings where not visible or hidden.

In Washington, materials with greater than one percent (1%) asbestos are regulated as asbestos-containing materials per WAC-296-62-077. Materials containing asbestos above 1% are regulated under OSHA and have specific training and handling requirements. In some cases, abatement of these materials is recommended. Building owners are required to identify

ACMs in their buildings and to inform contractors of their locations prior to any remodeling, renovation, or demolition activities that could disturb these materials.

Services such as the interview of property management and maintenance personnel, tenants, review of prior records, regulatory records, evaluation of compliance, risk assessment, and the development of abatement specifications are excluded from the scope of services, along with other activities not expressly identified herein. No demolition, destructive testing, or product research was performed to reveal material compositions.

The work is not intended as a specification for asbestos abatement or to support bidding for or completion of maintenance, abatement, removal, or replacement activities. Quantification of the exact quantities of materials is beyond the scope of this survey. Any quantities of ACM listed are estimates only and should be confirmed by the client.

Sterling Technologies, and their employees/representatives, bears no responsibility for the actual condition of the structure or safety of the site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the survey team or the client.

## **1.5 Visual Evaluation**

For this assessment, sampling was limited to material associated with the planned renovations. Building materials were inspected to identify and evaluate the condition of suspect ACM.

### Classification

Asbestos-containing building materials are typically classified as surfacing, thermal systems insulation, or miscellaneous ACM.

- Surfacing – Material that is troweled-on, sprayed, or otherwise applied to surfaces. Examples include acoustical plaster on ceilings, fireproofing on structural members, or similar applications for acoustical, fireproofing, and other purposes.
- Thermal Systems Insulation – Materials applied to pipes, fittings, boilers, breeching, tanks, ducts, or other structural components to prevent heat loss or gain.
- Miscellaneous – All other ACM including taping mud, flooring, mastic, stucco, leveling compound, hard wall plasters, wall texturing as surfacing, etc.

### Evaluation of Condition

An evaluation of the condition of the asbestos-containing materials can be useful in deciding how to manage materials. The ACM most likely to release asbestos fibers are those which are friable. The definition of friable is any material, when dry, that is capable of being crumbled, pulverized, or reduced to powder by hand pressure. Non-friable sources of asbestos are materials containing cement or asphaltic binder which may become friable and release fibers if the sources are exposed to actions such as abrasion, drilling, cutting, fracturing, or hammering. Non-friable sources of asbestos do not typically pose a significant exposure risk if they remain in good condition and are not disturbed. During renovation or demolition activities or when subject to abrasion, non-friable sources may become friable and thus may pose an exposure risk.

The Northwest Clean Air Agency's protocols have been used in the evaluation of the condition of materials. ACM is considered in "poor" condition when the binding of the material is losing its integrity as indicated by peeling, cracking, or crumbling of the material.

The condition of materials is based upon observations at the time of the survey and is independent of the friable or non-friable nature of the materials.

### Categorization

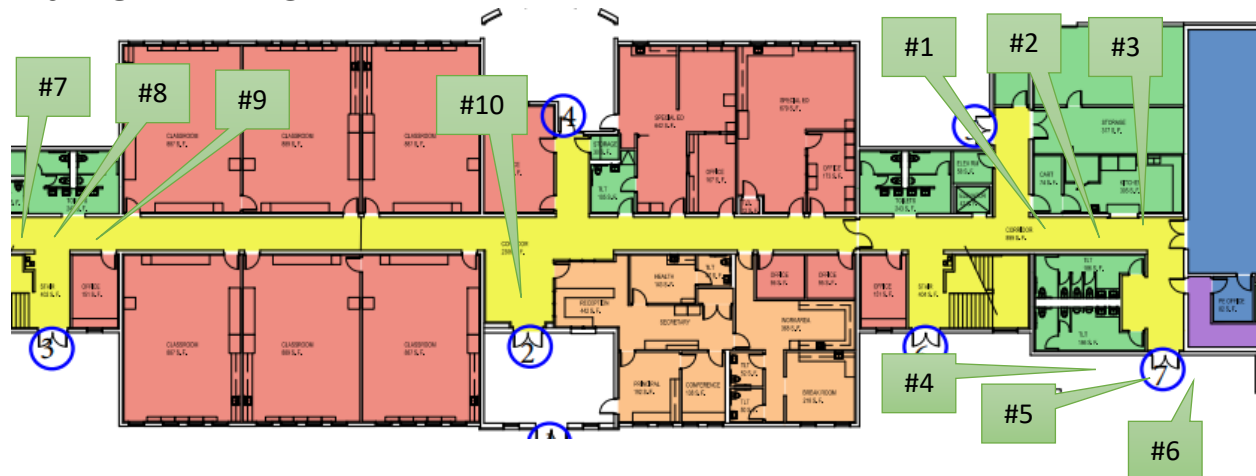
Asbestos air emissions are regulated by the U.S. EPA's National Emission Standard for Hazardous Air Pollutants (NESHAP) Asbestos Standard 40 CFR, Subpart M. The regulations are classified into three categories:

- Category I Non-friable – ACM packings, gaskets, resilient floor coverings, Galbestos, and asphalt roofing products containing more than 1% asbestos by PLM.
- Category II Non-friable – Any ACM that is not Category I non-friable.
- Regulated Asbestos-Containing Materials (RACM) – Friable manufactured materials, Category I non-friable ACM that has become friable, or Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading. RACM also includes Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by force.

### 1.6 Sampling and Laboratory Analysis

Bulk samples of suspect ACM were collected for analysis by EPA accredited inspector staff provided by Sterling. The samples were analyzed by Alys Bos of Eurofins Built Environment Testing West, LLC in Portland, Oregon. The asbestos samples were analyzed using polarizing light microscopy (PLM) with dispersion staining in accordance with the methods described by the EPA and the National Institute of Standards and Technology.

## 2.0 SAMPLING MAP



T-Mobile Telcom Equipment Area – Sample Locations

Note: ACM and lead samples determined by lab analysis to be non-detect are highlighted in green; positive samples are highlighted in red.

### 3.0 ANALYTICAL RESULTS

Federal and state regulations define ACM as any material containing more than 1% asbestos as determined using PLM. The collected bulk samples of suspected ACM and the analytical results are listed in the following table. The laboratory results and chain of custody are contained in Appendix B. Documentation of the laboratory results should be retained as a reference for future renovation activities.

#### Positive Asbestos Bulk Sample Results

Sample No.	Condition	Friable?	Sample Location	Quantity	Material Description	Asbestos %	
			None of the samples tested were positive for asbestos.				

#### Negative Bulk Sample Results

Sample No.	Sample Location	Material Description	Asbestos %
1	Internal Wall 1	Light Gray Cementitious Material	Non-Detect
2	Internal Wall 2	Light Gray Cementitious Material	Non-Detect
3	Internal Wall 3	Light Gray Cementitious Material	Non-Detect
4	External Wall 1	Light Gray Cementitious Material	Non-Detect
5	Exterior Wall 2	Light Gray Cementitious Material	Non-Detect
6	Exterior Wall 3	Light Gray Cementitious Material	Non-Detect
7	Internal	White Powdery Material on Brown Paper	Non-Detect
8	Internal	White Texture w/Paint	Non-Detect
9	Internal	White Drywall w/Brown Paper	Non-Detect
10	Internal	White Compound w/Paint and Paper	Non-Detect

### 4.0 RECOMMENDED RESPONSE ACTION(S)

Any friable asbestos-containing materials that will be impacted by renovation/remediation activities must be properly abated (handled, removed, and disposed) by a licensed asbestos abatement contractor prior to any renovation/remediation activity. Non-friable material may be removed by a contractor or individual who is not a licensed asbestos abatement contractor if it maintains its non-friable condition. Notification, packaging, and disposal requirements still apply to non-friable material.

Any material(s) encountered not specifically mentioned in this report must be considered asbestos-containing material until sufficient sampling has been completed to determine the material(s) are non-asbestos.

## **5.0 LIMITATIONS**

This report applies only to the specific subject property, location, and area detailed above. While areas specified by the customer were surveyed and materials sampled, areas behind walls and/or covered by structural members, or materials requiring destructive means to access which could not be found with reasonable diligence were not sampled during the survey. There can be hidden crawl spaces and cavities that were not surveyed. Any areas not specified to be surveyed cannot be assumed to be free of asbestos as no survey was performed to determine the presence of asbestos-containing materials in these areas.

Within the limitations of scope, schedule, and budget, our services were executed in accordance with generally accepted practices in this area at the time this report was prepared. No other hazardous materials/wastes were investigated. No other conditions, expressed or implied, should be understood.

## **5.0 SURVEY REGULATORY COMPLIANCE**

The intent of the asbestos survey is to comply with the State of Washington asbestos survey and report requirements per EPA regulations found in 40 CFR 763.86.

A complete copy of the asbestos survey report must be kept onsite at the facility during renovation or demolition, including during the asbestos abatement project. In addition, a copy of the asbestos survey report must be submitted to the Northwest Clean Air Agency upon request.

A complete copy of the asbestos survey report must be provided to the licensed asbestos abatement contractor involved during the renovation/remediation project. In the case of projects involving removal of nonfriable asbestos-containing material being completed by a contractor or individual who is not a licensed asbestos abatement contractor, a complete copy of the survey report must be provided to the company or individual(s) conducting the renovation/remediation project and must be kept onsite during the project.

## **6.0 RECORDKEEPING**

Additional copies of this report are available from Sterling Technologies upon request.

Unless otherwise requested, samples will be retained for a period of 30 days, after which they will be discarded.

If you have any questions about these results or would like additional information, please feel free to call our office. Thank you for this opportunity to be of service.

Respectfully submitted,

*Nadernann*

Thomas Nadernann, M.S.  
Principal  
AHERA Inspector #155212

# APPENDIX A

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## Inspector's Certification

THIS IS TO CERTIFY THAT

**THOMAS NADERMANN**

**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: 02/23/2026

Course Location: Online

Certificate: IRO-26-6998A

For verification of the authenticity of this certificate contact:

Apex Companies, LLC, by and through its wholly owned subsidiary PBS Engineering and Environmental LLC (Apex)  
4412 S Corbett Avenue  
Portland, OR 97239  
503.248.1939



**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:** 02/23/2027

A handwritten signature in black ink that reads 'David Kahn'.

David Kahn, Instructor

# **APPENDIX B**

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## **Laboratory Results**

## **Chain of Custody**