11575 W Lynchburg Salem Turnpike, Montvale, Virginia
Asbestos Containing Materials & Lead Based Paint Survey

January 30, 2025

Prepared for:

Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond, VA 23219

Prepared by:

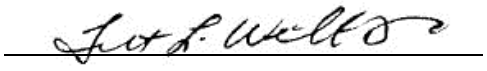
Stantec Consulting Services Inc.
534 Industrial Park Road
Bluefield, Virginia 24605

Project No.: 203402838 – 30.04

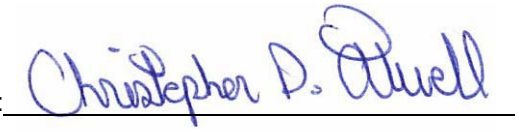
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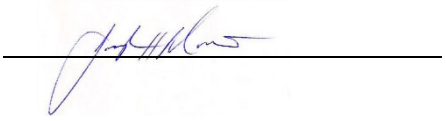
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Abbreviations

ACM	Asbestos Containing Materials
ASTM	American Society for Testing and Materials
AHERA	Asbestos Hazard Emergency Response Act
CPSC	Consumer and Product Safety Commission
EPA	Environmental Protection Agency
HA	Homogenous Area
HUD	Housing and Urban Development
LBP	Lead-Based Paint
LCP	Lead-Containing Paint
NESHAP	National Emission Standards for Hazardous Air Pollutants
NIST	National Institute of Standards of Technology
NVLAP	National Voluntary Laboratory Accreditation Program
O&M	Operations and Maintenance
OSHA	Occupational Safety and Health Administration
PCM	Phase Contrast Microscopy
PEL	Permissible Exposure Limit
PLM	Polarized Light Microscopy
RACM	Regulated ACM
TEM	Transmission Electron Microscopy
TCLP	Toxicity Characteristic Leaching Procedure
TSCA	Toxic Substances Control Act
VA DOLI	Virginia Department of Labor and Industry
VA DPOR	Virginia Department of Professional and Occupational Regulation
XRF	X-Ray Fluorescent

Executive Summary

Stantec Consulting Services, Inc. (Stantec) has completed asbestos containing material (ACM) and lead-based paint (LBP) surveys of the building located at 11575 W Lynchburg Salem Turnpike, Montvale, Virginia (the "Subject Property"), on behalf of the Virginia Department of Environmental Quality (VDEQ), the "Client". The work was performed according to the Term Contract (Contract No. 23-06-CH) between Stantec and the VDEQ dated December 7, 2023. The VDEQ is the EPA Grantee of a Brownfields Community-Wide Assessment Grant for States and Tribes (Cooperative Agreement 4B-95300401) and is providing funds from the grant to support the County of Bedford's due diligence efforts for the potential redevelopment of the Subject Property. The Subject Property (Parcel ID 87-A-47) consists of approximately 13.95-acres of land developed with a 32,800 square-foot brick and cinderblock school building. The northeastern section of the Subject Property building is currently used as the Bedford County Library, the northwestern section is being utilized by the Montvale School Preservation Foundation, while the southernmost part of the Subject Property is not in use and has fallen into disrepair.

Asbestos Containing Materials

This ACM Survey included the collection of 67 samples from 21 homogenous areas, and 97 analyses for asbestos were performed in general accordance with the Asbestos Hazard Emergency Response Act (AHERA) sampling guidelines as outlined in 40 CFR 763. (Note: some samples may have two materials to be analyzed. For example, floor tile may be analyzed for the tile and the mastic, creating two analyses from one sample). Laboratory analytical results were compared to the United States Environmental Protection Agency (USEPA) definition of ACM, classifying it as any material containing greater than 1 percent (>1%) asbestos. *Table A* summarizes homogeneous areas identified to be considered an ACM.

Table A: ACM Sample Analysis Summary

Sample No.	Material / Description	Location	Estimated Quantity	Lab Results (% Chrysotile Asbestos)	Condition / Friable F/NF
M-1,2,3	Black floor tile mastic	Corridor	1,500 SF	4%	Good/NF
M-7,8,9	Tan 9x9 floor tile & black mastic	Rooms 11-16	5,500 SF	5%	Poor/NF
M-22,23,24	Grey expansion joint	Corner of Room 13	10 LF	8%	Fair/NF
M-25,26,27	Grey pipe insulation	Janitors closet in ceiling of Section C	25 LF*	25%	Fair/NF
M-28,29,30	Beige/gray pipe mud	Janitors closet in ceiling of Section C	6 SF*	10%	Poor/NF
M-40,41,42	9x9 brown floor tile & black mastic	Kitchen	600 SF	3-4%	Poor/NF
M-53,54,55	White caulk	Exterior front door	25 LF	8%	Poor/NF
M-59,60,61	Beige/gray pipe mud	Boiler room	100 SF	17-20%	Poor/F
M-62,63,64	Grey pipe Insulation	Boiler room	150 LF	20%	Poor/NF
M-65	Beige tank insulation	Boiler room	500 SF	55%	Fair/NF
M-66	White tank insulation			10%	
M-67	White/gray tank insulation			20%	

Notes: *Measurement is for visible/accessible sections
SF = square feet
LF = linear feet
NF = non-friable

Lead-Based Paint

This LBP survey included the screening of 192 painted surfaces for LBP with the use of a NitonX2 Gold X-Ray Fluorescent (XRF) Device. Results gathered from the XRF device were compared to the EPA definition of LBP (1 mg/cm^2 / >0.5%), identifying three lead-based paints throughout the structure, as summarized in *Table B*.

Table B: LBP Analysis Summary

Sample ID	Area	Component	Color	Substrate	Lead Content *(mg/cm^2)*
LBP-1	Exterior Bldg A	Door	Red	Wood	2.46 ±0.72
LBP-2	Exterior Bldg A	Door Frame	White	Wood	1.39 ±0.25
LBP-3	Exterior Bldg A	Window/Window Frame	White	Wood	1.77 ±0.43

1 Introduction

1.1 Purpose

This assessment was completed under the Virginia Department of Environmental Quality's Brownfields Community-Wide Assessment Grant for States and Tribes (Cooperative Agreement 4B-95300401). These assessments were conducted to identify ACM and LBP that may be encountered during future renovation and/or demolition activities.

1.2 Site History

Constructed in 1930 with additions in 1979, the Subject Property was built as a school building. The former school grounds have been used for farmers markets, car shows and other local events, and the newer section of the Subject Property is currently used as the Bedford County Library.

1.3 Subject Property Description

The Subject Property (parcel number 87-A-47) consists of approximately 13.92-acres of land developed with a 32,800 square-foot brick and cinderblock school building located at 11575 W Lynchburg Salem Turnpike, Montvale, Bedford County, Virginia, and is owned by the County of Bedford. The northeastern section of the Subject Property building is currently used as the Bedford County Library, the northwestern section is being used by the Montvale School Preservation Foundation, while the southernmost part of the Subject Property is not in use and has fallen into disrepair.

1.4 Previous Assessments

A November 2020 Asbestos Inspection Report prepared by HDHTechnical was provided to Stantec, included in Appendix A.

1.5 Limitations / Exceptions of Assessment

An asbestos containing materials survey and lead-based paint survey were completed by Stantec to identify potential ACM and LBP. Any suspect ACM or LBP not sampled and/or analyzed during this

investigation should be treated as ACM or LBP until further sampling by a qualified inspector indicates otherwise.

Stantec does not guarantee that all areas of the Subject Property were inspected during this evaluation. The report is limited only to the samples taken or assumed and the locations screened by real-time testing equipment.

ACM quantities (square footages and linear footages) referenced in this report are estimates. Stantec recommends that quantities be confirmed by potential abatement/renovation contractors prior to conducting work activities. No other warranty is expressed or implied.

1.6 Special Terms and Conditions (User Reliance)

This report is for the use and benefit of and may be relied upon by the entity(s) identified in the Executive Summary of this report as the Client, and in accordance with the terms and conditions in place between Stantec and the Virginia Department of Environmental Quality for this project. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in this report, and with the acknowledgment that actual site conditions may change with time, and that hidden conditions may exist at the property that were not discovered within the authorized scope of the assessment. Any use by or distribution of this report to third parties without the express written consent of Stantec is at the sole risk and expense of such third party.

Stantec makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either expressed or implied.

2 Assessment Activities

2.1 Asbestos Containing Materials Survey

An ACM survey was conducted on November 5, 2024, by Stantec's Trent Williams and Chris Atwell, Virginia-licensed and EPA-accredited asbestos inspectors. Mr. Williams' and Mr. Atwell's accreditation certificates are included within **Appendix B**. Photographs of confirmed ACMs are included as **Appendix C**. Building diagrams with asbestos sampling locations are depicted in **Figure 1.**

Stantec conducted this ACM Survey in general accordance with ASTM E2356, which meets the applicable requirements of current EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) Standard 40 CFR 61, Subpart M (Asbestos), EPA Asbestos Hazard Emergency Response Act (AHERA) Standard 40 CFR 763, Subpart E, and OSHA asbestos survey and/or sampling regulations. In accordance with NESHAP, 40 CFR 61-Subpart M, paragraph 145, ACMs must be identified and removed prior to disturbance, during either a renovation or demolition. ACM is defined by USEPA as materials that contain >1% asbestos fibers.

During the inspection, Stantec collected 67 samples from 21 homogenous areas (HAs). Each identified HA was assessed for condition, friability, and quantity. Bulk samples were collected and stored in appropriate sample containers, labeled, and delivered to AmeriSci Richmond (AmeriSci), located in

Midlothian, Virginia. AmeriSci analyzed all samples using Polarized Light Microscopy (PLM) via EPA Method 600/R-93/116. AmeriSci is accredited by the National Institute of Standards of Technology (NIST) and is recognized under the National Voluntary Laboratory Accreditation Program (NVLAP). A copy of the analytical results including the laboratory certification is included in **Appendix D**.

2.2 Lead-Based Paint Survey

An LBP survey was conducted on October 30, 2024. Painted surfaces and other materials were screened using a Thermo Niton XL2 GOLD x-ray fluorescence (*XRF*) analyzer. The XRF measures the concentration of lead in a measured surface area. Results of this direct read measurement are available immediately. From the 192 readings obtained during this investigation, positive lead readings (1 mg/cm^2 or greater) were detected at three locations. **Appendix E** contains the complete field screening record from the Subject Property. Building diagrams exhibiting testing locations are included as **Figure 1**.

As defined by *Title X* of the 1*992 Housing and Community Development Act*, lead-based paint can be any surface coated with paint containing greater than or equal to 1.0 milligram per square centimeter (1mg/cm^2) or 0.5% lead by weight. The assessment was conducted with an XRF device due to its ability to quickly identify lead within multiple layers of paint. As opposed to paint chip sampling, the XRF allows for non-destructive screening of multiple surfaces, at a fraction of the time, and without incurred lab analysis turnaround times and fees.

3 Conclusions & Recommendations

Based on the results of the limited ACM and LBP survey, Stantec offers the following conclusions and recommendations:

3.1 Asbestos Containing Materials Survey

Confirmed ACMs were classified by their category as denoted by EPA NESHAP. Current EPA NESHAP regulations require that all Regulated ACMs (RACM) be removed prior to being disturbed. According to NESHAP regulations, materials found to contain asbestos fibers may be divided into three categories:

- Friable ACM – The material evaluated can be crumbled, pulverized or reduced to powder by hand.
- Category I Non-Friable – All non-friable asbestos containing packing, gaskets, resilient floor covering, and asphalt-based roofing products containing more than 1% asbestos. Asbestos containing mastic is also considered a Category I material (EPA determination – April 9, 1991).
- Category II Non-Friable – All non-friable ACM is defined as any material, excluding Category I, containing more than 1% asbestos that when dry, cannot be pulverized or reduced to powder by hand pressure. Non-friable asbestos cement products such as Transite are an example of Category II material.

RACM means (a) Friable ACM, (b) Category I non-friable ACM that has become friable, (c) Category I material that has been or will be subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations. Category I materials are also considered RACM if they are located in a structure that will be

demolished by burning or are in poor condition. Poor condition means the binding of the material is losing its integrity as indicated by peeling, cracking or crumbling of the material.

Stantec recommends the following identified ACMs to be properly removed/handled prior to renovation, demolition, or any other activities that would disturb them.

ACM	Location	Category	Approximate Quantities
Black mastic	Corridor	I Non-Friable	1,500 SF
Floor Tile & Black Mastic	Rooms 11-16	I Non-Friable	5,500 SF
Floor Tile & Black Mastic	Kitchen	I Non-Friable	600 SF
Expansion Joint	Corner of Room 13	II Non-Friable	10 LF
Pipe Insulation	Janitors closet in ceiling of Section C	II Non-Friable	25 LF
Pipe Insulation	Boiler room	II Non-Friable	150 LF
Pipe Mud	Janitors closet in ceiling of Section C	II Non-Friable	6 SF
Pipe Mud	Boiler Room	RACM	100 SF
Caulk	Exterior front door	II Non-Friable	25 LF
Tank Insulation	Boiler Room	II Non-Friable	500 SF
		Total	**8,206 SF 210 LF**

Note: LF=Linear Feet
SF=Square Feet

In order to obtain a demolition permit, this report must accompany the application to the county, town, and/or city for which the work is taking place. It is the responsibility of the contractor performing abatement and/or demolition activities that the proper permits are obtained and notification for each type of activity be performed as required by state and federal regulations.

It is required that a Virginia Department of Professional and Occupational Regulation (VA DPOR) licensed asbestos abatement contractor perform the removal each of the asbestos-containing materials described within this report. It is additionally required that a twenty (20) day asbestos abatement notification be submitted to the Virginia Department of Labor and Industry (VA DOLI) and/or United States Environmental Protection Agency National Emission Standards for Hazardous Air Pollutants (US EPA NESHAPs) division prior to commencement of asbestos abatement activities; additionally, both DOLI and the US EPA NESHAPs division must be notified 10 (ten) days prior to the start of renovation and/or demolition activities at the structure.

It is further required that the abatement process be monitored by a third-party asbestos project monitoring firm, which will help maintain the integrity of the abatement process, verify that the abatement process has been completed correctly, through final visual clearance inspection(s) and final air clearance sampling in compliance with NIOSH 7400 Phase Contrast Microscopy (PCM) methodologies or through the collection and analysis of Transmission Electron Microscopy (TEM). The third-party monitoring will reduce the liability for which the Owner and/or Contractor may incur if there should happen to be a violation determined by state and/or federal code enforcement personnel.

Our recommendations are based on the guidelines presented by the United States Occupational Safety and Health Administration (US OSHA), USEPA, and the Commonwealth of Virginia. Any conditions discovered which deviate from the data contained in this report should be presented to us for our

evaluation. If the ACMs are to be left in place, an Operations and Maintenance (O&M) plan regarding the handling of the identified ACMs should be prepared and enforced.

3.2 Lead-Based Paint Survey

The following LBP was identified at the Subject Property:

Sample ID	Area	Component	Color	Substrate	Lead Content *(mg/cm^2)*
LBP-1	Exterior Bldg A	Door	Red	Wood	2.46 ±0.72
LBP-2	Exterior Bldg A	Door Frame	White	Wood	1.39 ±0.25
LBP-3	Exterior Bldg A	Window/Window Frame	White	Wood	1.77 ±0.43

The U.S. Environmental Protection Agency (EPA) in regulation 40 CFR Part 745 authorized by the Toxic Substances Control Act (TSCA); and the U.S. Department of Housing and Urban Development (US HUD) in Guidelines for the Control of Lead-based Paint Hazards in Housing; define LBP as any surface coating containing an amount of lead equal to or greater than 1.0 milligram per square centimeter (1mg/cm^2) or one-half (0.5%) percent by weight of the entire coating material. This is the applicable standard for the regulation of paint in housing and child-occupied facilities; and this standard is a generally accepted definition of LBP. Compliance with provisions of US EPA and US HUD regulations and standards pertaining to housing are applicable when commercial buildings are converted to residential use.

The U.S. Consumer and Product Safety Commission (CPSC) has published a standard that requires that surface coatings intended for use in occupied building interiors contain no greater than 0.009% lead content by weight. Surface coatings that meet this requirement are referred to as CPSC Compliant in this report. Surface coatings that contain less than 0.5% and more than 0.009% lead by weight are referred to as Lead-Containing Paint (LCP) in this report.

US Occupational Health and Safety Administration (OSHA) regulation 29 CFR 1926.62 regulates lead exposures at any level to the construction workforce where LBP and LCP will be disturbed in construction, demolition operations. OSHA regulation 29 CFR 1910.1200, Hazard Communication, requires that employers inform their employees about chemical hazards (including lead) that are present in the workplace.

Building demolition and/or renovation activities where LBP is present must comply with the OSHA regulation 29 CFR 1926.62, Lead in Construction; and US EPA waste disposal regulations found in 40 CFR Part 261. OSHA regulations are designed to limit exposure of the construction workforce to lead which is a well-documented toxic element. The primary route of exposure OSHA regulations are concerned with is the inhalation of lead-containing dust generated by demolition operations within the building. These hazards are assessed by measuring the lead concentration in air when demolition operations are initiated; a procedure called a negative exposure assessment. The OSHA defined Permissible Exposure Limit (PEL) for lead is 50 micro-grams of lead per cubic-meter (µg/m^3) air.

It would be prudent for the Building Owner to implement and document the following in response to the likely presence of lead-dust hazards and documented LBP hazards in the building:

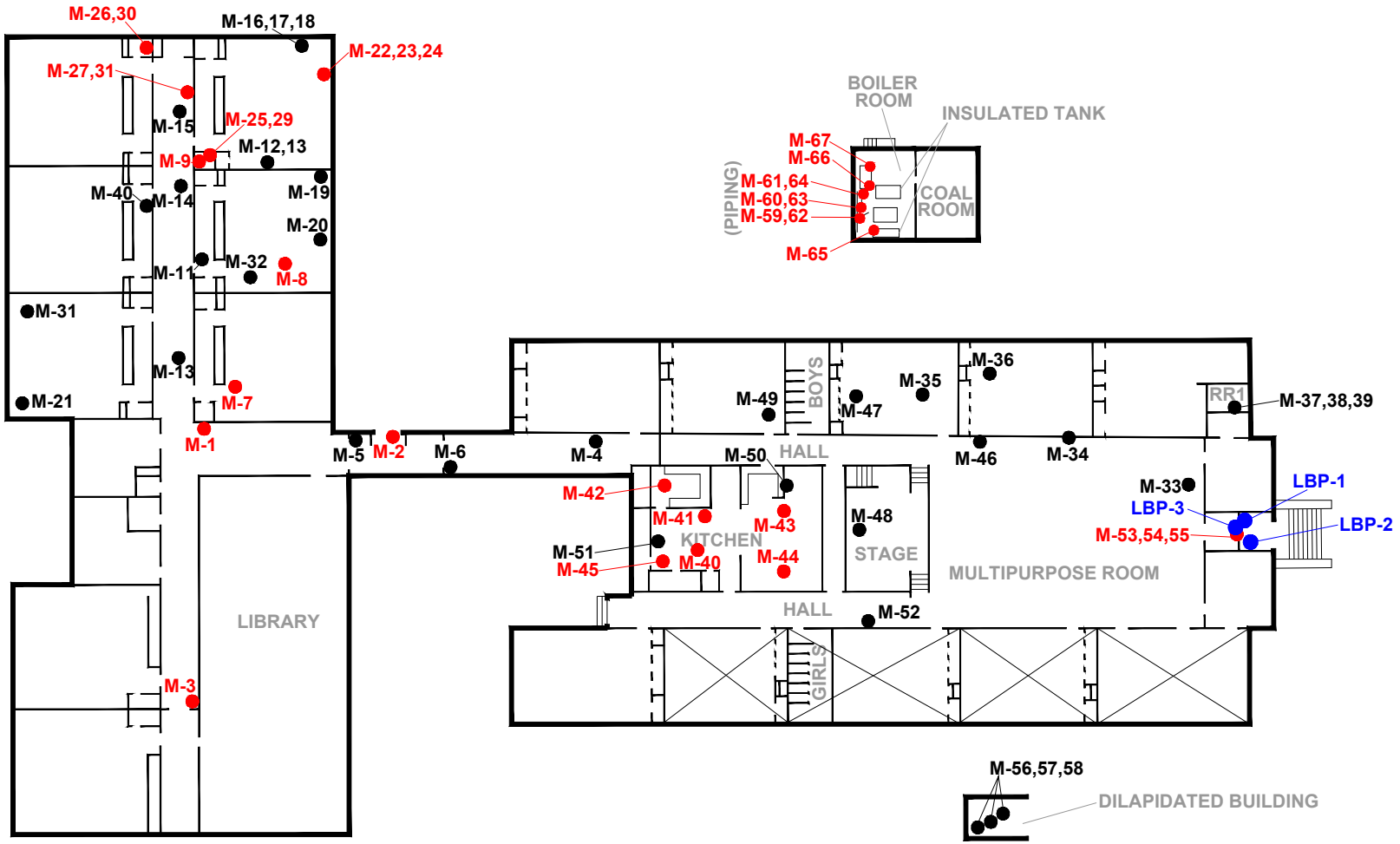
- Prior to any large-scale effort to remove the contents of the building or disturb/demolish building surfaces where LBP is known or suspected to be present, conduct a negative exposure

assessment using trained workers wearing respiratory protection and protective clothing in compliance with 29 CFR 1926.62.

- Notify any person employed by the Owner to work in the building about the potential lead-dust hazard and the LBP hazards. Instruct such worker(s) in the importance of the use of proper personal hygiene practices and work practices (use of wet methods and HEPA vacuums) by providing them with the EPA-approved pamphlet Renovate Right: Important Lead Hazard Information for Families, Childcare Providers and Schools.
- The US OSHA regulation 29 CFR 1910.1200-Hazard Communication, requires that employers must inform employees about chemical hazards in the workplace. Construction contractors employed to demolish the building components within the site must be furnished a copy of this report.

Waste disposal for concentrated LBP debris (paint chips and scrapings, HEPA vacuum contents, protective suits, drop cloths, etc.) and for building components coated with LBP is regulated under 40 CFR Part 261 and/or 29 CFR 1910.1200. If the components and debris are to be disposed in a landfill as demolition debris, the components and debris must be contained and tested to determine if it is hazardous waste. The waste is tested by means of the Toxicity Characteristic Leaching Procedure (TCLP) for lead. A representative sample of the demolition waste debris is collected by a competent person and submitted to a certified laboratory for the TCLP-lead analysis. Debris leaching five parts-per-million (5 ppm) or more of lead is hazardous and must be disposed of in specially permitted facilities. If the components are to be salvaged, restored, or reused; whoever receives and works on these components must be notified in writing about the presence of LBP.

FIGURES



40' 0' 40'

SCALE: 1" = 40'

*THIS MAP IS NOT A SURVEY

LEGEND

- ASBESTOS SAMPLE LOCATION
- ASBESTOS SAMPLE LOCATION THAT IS POSITIVE FOR ACM
- LEAD BASED PAINT LOCATION
- INACCESIBLE

Stantec

Drawn:	DJD
Checked:	TW
Date:	1/8/2025
Scale:	1"=40'
Project No.:	203402838 30.04
File No.	

FORMER MONTVALE SCHOOL
11555 & 11575 W LYNCHBURG SALEM TURNPIKE
MONTVALE, VIRGINIA

Figure 1

SAMPLE LOCATION MAP

APPENDIX A – PREVIOUS ASBESTOS INSPECTION

HDHTechnical, Inc.
Environmental & Industrial Hygiene Services

P.O. Box 6158,
Christiansburg, VA 24073

Office: (540) 381-7999
www.best-hdht.com

Solutions for all your Environmental and OSHA Concerns

November 3, 2020

Asbestos Inspection Report

Project Location:

Montvale Library / Old Elementary School
11575 W Lynchburg Salem Turnpike
Montvale, VA 24122

Prepared For:

County of Bedford
122 E Main St
Bedford, VA 24523

Prepared By:

Fred Danner
Asbestos Inspector

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ASBESTOS INSPECTION

- SAMPLE SUMMARY
- LABORATORY REPORT
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- APPLICABLE LICENSES

SCOPE OF WORK

HDH Technical, Inc. was contracted by The County of Bedford, Virginia, to provide an asbestos inspection of the roof components at the structure known as the Montvale Library or the Old Montvale Elementary School, located at 11575 West Lynchburg Salem Turnpike, Montvale, Virginia. The inspection was conducted by personnel trained and licensed in accordance with the regulations of the Environmental Protection Agency (EPA) and the Commonwealth of Virginia. This inspection was performed using current EPA AHERA standards. This protocol was used for the determination, sampling and analysis of suspected Asbestos Containing Materials (ACM).

ASBESTOS INSPECTION

An inspection of the roofs at 11575 West Lynchburg Salem Turnpike was performed October 23, 2020 by representatives of HDHT. The objective of this inspection was to determine the location of suspect asbestos-containing materials (ACM) currently located on the interior or exterior of this structure that may be disturbed by upcoming demolition activities.

The roof sections were identified as A, B and C. These roof sections are labeled in the photos section below. As the sample summary indicates, the following suspect materials sampled were reported to be asbestos containing by the laboratory.

None of the samples tested on Roofs B or C were found to be Asbestos Containing.

All Asbestos Containing Materials identified by the laboratory were found on Roof A and include:

- **Roof Field Material**
- **Roof Flashing Material**
- **Roof Cement**
- **Caulk**

These NON-Friable asbestos containing materials should be removed prior to demolition or reroofing activities at this location. Removal should be performed by licensed, contract personnel using approved methods.

Friable Asbestos Material: Material when dry, may be crumbled, pulverized or reduced to powder by hand pressure and includes previously non-friable material after such previously non-friable material becomes damaged to the extent that when dry is may be crumbled, pulverized, or reduced to powder by hand pressure.

Non-friable Asbestos Material: Material that contains asbestos in which the fibers have been locked in by a bonding agent, coating, binder, or other material so that the asbestos is well bound and will not release fibers during any appropriate use, handling, demolition, storage, transportation, processing or disposal.

This information should be provided to all contract personnel for their use in meeting current OSHA requirements. Every attempt was made to gain access to all areas or to assess representative materials entering or leaving the area. HDH Technical, Inc. accepts no liability nor makes any claims regarding ACBM which was not accessible during the inspection process if such material was located behind or within walls, concrete decks, subfloors, or was generally inaccessible without destructive sampling. If any additional suspect materials are identified during the course of the project, the contractor is to immediately stop work and contact the Owner for further direction.

Sample Summary

Montvale Library - Old Elementary School

LAB #	SAMPLE ID	SAMPLE DESCRIPTION	RESULT	%
20059612 -001	RM 1.1	Roof Material- Roof A Low	■	5%
20059612 -002	RM 1.2	Roof Material- Roof A High	ND	-
20059612 -003	RF 2.1	Roof Flashing- Roof A	■	5%
20059612 -004	RF 2.2	Roof Flashing- Roof A	■	5%
20059612 -005	CK 3.1	Caulk - White	■	3%
20059612 -006	CK 3.2	Caulk - White	■	3%
20059612 -007	RC 4.1	Roof Cement - Gray	■	6%
20059612 -008	RC 4.2	Roof Cement - Gray	■	6%
20059612 -009	RC 5.1	Roof Cement - Black	ND	-
20059612 -010	RC 5.2	Roof Cement - Black	ND	-
20059612 -011	CK 6.1	Caulk - Yellow	ND	-
20059612 -012	CK 6.2	Caulk - Yellow	ND	-
20059612 -013	CK 8.1	Caulk - Gray - Roof C	ND	-
20059612 -014	CK 8.2	Caulk - Gray - Roof C	ND	-
20059612 -015	RR 9.1	Rolled Roofing - Porch Roof	ND	-
20059612 -016	RR 9.2	Rolled Roofing - Porch Roof	ND	-
20059612 -017	RD 10.1	Roof Deck - Roof B	ND	-
20059612 -018	RD 10.2	Roof Deck - Roof B	ND	-
20062540 -001	RM 7.1	Roof Material- Roof C	ND	-
20062540 -002	RM 7.2	Roof Material- Roof C	ND	-

ND = NONE DETECTED

NA = NOT ANALYZED POSITIVE STOP

■ = CHRYSOTILE ▲ = AMOSITE ◉ = OTHER

Laboratory Report

SanAir Technologies Laboratory

1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-807-1177 / 888-895-1175
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number: 20059612

Company: HDH Technical, Inc	Project #: Montvale Elementary	Collected by: Danner	
Address: 400 West Main Street	Project Name: 11575 W Lynchburg Salem Turnpike	Phone #: 540-381-7999	
City, St, Zip: Christiansburg, VA 24073	Date Collected: 10/23/2020	Email:	rliebal@hdhassociates.com
State of Collection: VA Account #: 1769	P.O. Number: Doug Coffman	Email:	fdanner@hdhassociates.com

Bulk

ABB	PLM EPA 600/R-93/116	X
	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	

Air

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

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	
ABSP	PLM CARB 435 (LOD <1%)	
ABSP1	PLM CARB 435 (LOD 0.25%)	
ABSP2	PLM CARB 435 (LOD 0.1%)	

Water

ABHE	EPA 100.2	

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	
ABEPA2	NY ELAP 198.1	
ABENY	NY ELAP 198.6 PLM NOB	
ABBNY	NY ELAP 198.4 TEM NOB	

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	24 HR
	2 Days	3 Days	4 Days	5 Days
				X

Special Instructions:

SAMPLE ID	SAMPLE DESCRIPTION
RM 1.1	Roof Material- Roof A Low
RM 1.2	Roof Material- Roof A High
RF 2.1	Roof Flashing- Roof A
RF 2.2	Roof Flashing- Roof A
CK 3.1	Caulk - White
CK 3.2	Caulk - White
RC 4.1	Roof Cement - Gray
RC 4.2	Roof Cement - Gray
RC 5.1	Roof Cement - Black
RC 5.2	Roof Cement - Black
CK 6.1	Caulk - Yellow

Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
Danner	10/23/2020	2:30 PM	FedEx	10/23/2020	2:30 PM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

2005912

SAMPLE ID	SAMPLE DESCRIPTION
CK 6.2	Caulk - Yellow
CK 8.1	Caulk - Gray - Roof C
CK 8.2	Caulk - Gray - Roof C
RR 9.1	Rolled Roofing - Porch Roof
RR 9.2	Rolled Roofing - Porch Roof
RD 10.1	Roof Deck - Roof B
RD 10.2	Roof Deck - Roof B

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
Danner	10/23/2020	2:30 PM	FedEx	10/23/2020	2:30 PM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir
Technologies Laboratory

SanAir ID Number
20059612
FINAL REPORT
10/27/2020 9:44:44 AM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Montvale Elem
P.O. Number: Doug Coffman
Project Name: 11575 W Lynchburg Salem Turnpike
Collected Date: 10/23/2020
Received Date: 10/26/2020 9:15:00 AM

Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-fibrous	Asbestos Fibers
RM 1.1 / 20059612-001 Roof Material-Roof A Low, Roofing	Black Non-Fibrous Heterogeneous	10% Synthetic	90% Other	None Detected
RM 1.1 / 20059612-001 Roof Material-Roof A Low, Tar	Black Non-Fibrous Heterogeneous		100% Other	None Detected
RM 1.1 / 20059612-001 Roof Material-Roof A Low, Felt Paper	Black Non-Fibrous Heterogeneous	10% Glass	90% Other	None Detected
RM 1.1 / 20059612-001 Roof Material-Roof A Low, Tar Paper	Black Non-Fibrous Heterogeneous	15% Cellulose	80% Other	5% Chrysotile
RM 1.2 / 20059612-002 Roof Material-Roof A High, Tar	Black Non-Fibrous Heterogeneous		100% Other	None Detected
RM 1.2 / 20059612-002 Roof Material-Roof A High, Felt Paper	Black Non-Fibrous Heterogeneous	10% Glass	90% Other	None Detected
RM 1.2 / 20059612-002 Roof Material-Roof A High, Insulation	Brown Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
RF 2.1 / 20059612-003 Roof Flashing-Roof A, Flashing	Black Non-Fibrous Heterogeneous	10% Synthetic 5% Glass	85% Other	None Detected
RF 2.1 / 20059612-003 Roof Flashing-Roof A, Tar Paper	Black Non-Fibrous Heterogeneous	20% Cellulose	75% Other	5% Chrysotile
RF 2.2 / 20059612-004 Roof Flashing-Roof A, Flashing	Black Non-Fibrous Heterogeneous	10% Synthetic 5% Glass	85% Other	None Detected

Analyst: Susan L. Childress Approved Signatory:

Analysis Date: 10/27/2020 Date: 10/27/2020

SanAir Technologies Laboratory

SanAir ID Number
20059612
FINAL REPORT
10/27/2020 9:44:44 AM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Montvale Elem
P.O. Number: Doug Coffman
Project Name: 11575 W Lynchburg Salem Turnpike
Collected Date: 10/23/2020
Received Date: 10/26/2020 9:15:00 AM

Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-fibrous	Asbestos Fibers
RF 2.2 / 20059612-004 Roof Flashing-Roof A, Tar Paper	Black Non-Fibrous Heterogeneous	20% Cellulose	75% Other	5% Chrysotile
CK 3.1 / 20059612-005 Caulk	White Non-Fibrous Homogeneous		97% Other	3% Chrysotile
CK 3.2 / 20059612-006 Caulk	White Non-Fibrous Homogeneous		97% Other	3% Chrysotile
RC 4.1 / 20059612-007 Roof Cement	Gray Non-Fibrous Homogeneous		94% Other	6% Chrysotile
RC 4.2 / 20059612-008 Roof Cement	Gray Non-Fibrous Homogeneous		94% Other	6% Chrysotile
RC 5.1 / 20059612-009 Roof Cement	Black Non-Fibrous Homogeneous		100% Other	None Detected
RC 5.2 / 20059612-010 Roof Cement	Black Non-Fibrous Homogeneous		100% Other	None Detected
CK 6.1 / 20059612-011 Caulk	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
CK 6.2 / 20059612-012 Caulk	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
CK 8.1 / 20059612-013 Caulk-Roof C	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: Susan P. Childress Approved Signatory:

Analysis Date: 10/27/2020 Date: 10/27/2020

SanAir
Technologies Laboratory

SanAir ID Number
20059612
FINAL REPORT
10/27/2020 9:44:44 AM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Montvale Elem
P.O. Number: Doug Coffman
Project Name: 11575 W Lynchburg Salem Turnpike
Collected Date: 10/23/2020
Received Date: 10/26/2020 9:15:00 AM

Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Components		
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
CK 8.2 / 20059612-014 Caulk-Roof C	White Non-Fibrous Homogeneous		100% Other	None Detected
RR 9.1 / 20059612-015 Rolled Roofing-Porch Roof	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
RR 9.2 / 20059612-016 Rolled Roofing-Porch Roof	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
RD 10.1 / 20059612-017 Roof Deck-Roof 8	White Non-Fibrous Homogeneous		100% Other	None Detected
RD 10.2 / 20059612-018 Roof Deck-Roof 8	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: Susan L. Childress Approved Signatory:

Analysis Date: 10/27/2020 Date: 10/27/2020

Disclaimer

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. 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 and information provided to the laboratory by the client. 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, po 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 on the report. 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 certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:
Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications
NVLAP lab code 200870-0
City of Philadelphia: ALL-460
PA Department of Environmental Protection Number: 68-05397
California License Number: 2915
Colorado License Number: AL-23143
Connecticut License Number: PH-0105
Massachusetts License Number: AA000222
Maine License Number: LB-0075, LA-0084
New York ELAP lab ID: 11983
Rhode Island License Number: PCM00126, PLM00126, TEM00126
Texas Department of State Health Services License Number: 300440
Commonwealth of Virginia 3333000323
Washington State License Number: C989
West Virginia License Number: LT000616
Vermont License: AL166318
Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020

SanAir ID Number
20059612
FINAL REPORT
10/27/2020 9:44:44 AM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Montvale Elem
P.O. Number: Doug Coffman
Project Name: 11575 W Lynchburg Salem Turnpike
Collected Date: 10/23/2020
Received Date: 10/26/2020 9:15:00 AM

Dear Fred Danner,

We at SanAir would like to thank you for the work you recently submitted. The 18 sample(s) were received on Monday, October 26, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): RM 1.1, RM 1.2, RF 2.1, RF 2.2, CK 3.1, CK 3.2, RC 4.1, RC 4.2, RC 5.1, RC 5.2, CK 6.1, CK 6.2, CK 8.1, CK 8.2, RR 9.1, RR 9.2, RD 10.1, RD 10.2.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:
- 18 samples in Good condition.

SanAir Technologies Laboratory
1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-807-1177 / 888-895-1175
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number: 2006254D

Company: HDH Technical, Inc	Project #: Montvale Elementary	Collected by: Danner	
Address: 400 West Main Street	Project Name: 11575 W Lynchburg Salem Turnpike	Phone #: 540-381-7999	
City, St, Zip: Christiansburg, VA 24073	Date Collected: 10/23/2020	Email:	rliebal@hdhassociates.com
State of Collection: VA Account #: 1769	P.O. Number: Doug Coffman	Email:	fdanner@hdhassociates.com

Bulk

ABB	PLM EPA 600/R-93/116	X
	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	☐

Air

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

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0 1%)	☐

Water

ABHE	EPA 100.2	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198 4 TEM NOB	☐

Dust

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

Matrix ☐ **Other** ☐

Turn Around Times							
	3 HR (4 HR TEM)	X	6 HR (8HR TEM)	☐	12 HR	☐	24 HR ☐
	2 Days	☐	3 Days	☐	4 Days	☐	5 Days ☐

Special Instructions:

SAMPLE ID	SAMPLE DESCRIPTION
RM 7.1	Field Membrane - Roof C
RM 7,2	Field Membrane - Roof C

Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
Danner	11/9/2020	2:30 PM	FedEx	11/10/20	10:05am

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir
Technologies Laboratory

SanAir ID Number
20062540
FINAL REPORT
11/10/2020 11:41:17 AM

Name: HDH Technical, Inc.
Address: P.O. Box 6158
Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Montvale Elementary
P.O. Number: Doug Coffman
Project Name: 1157 W Lynchburg Salem Turnpike
Collected Date: 10/23/2020
Received Date: 11/10/2020 10:05:00 AM

Analyst: Roseblock, Mary

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-fibrous	Asbestos Fibers
RM 7.1 / 20062540-001 Field Membrane-Roof C, Tar	Black Non-Fibrous Heterogeneous		100% Other	None Detected
RM 7.1 / 20062540-001 Field Membrane-Roof C, Felt	Black Fibrous Heterogeneous	55% Glass	45% Other	None Detected
RM 7.1 / 20062540-001 Field Membrane-Roof C, Vapor Barrier	Brown Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
RM 7.2 / 20062540-002 Field Membrane-Roof C, Tar	Black Non-Fibrous Heterogeneous		100% Other	None Detected
RM 7.2 / 20062540-002 Field Membrane-Roof C, Felt	Black Fibrous Heterogeneous	55% Glass	45% Other	None Detected
RM 7.2 / 20062540-002 Field Membrane-Roof C, Vapor Barrier	Brown Fibrous Homogeneous	98% Cellulose	2% Other	None Detected
RM 7.2 / 20062540-002 Field Membrane-Roof C, Insulation	Brown Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

Analyst: Mary E Roseblock
Analysis Date: 11/10/2020

Approved Signatory: Johnathan Wilson
Date: 11/10/2020

Disclaimer

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. 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 and information provided to the laboratory by the client. 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, po 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 on the report. 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 certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:
Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications
NVLAP lab code 200870-0
City of Philadelphia: ALL-460
PA Department of Environmental Protection Number: 68-05397
California License Number: 2915
Colorado License Number: AL-23143
Connecticut License Number: PH-0105
Massachusetts License Number: AA000222
Maine License Number: LB-0075, LA-0084
New York ELAP lab ID: 11983
Rhode Island License Number: PCM00126, PLM00126, TEM00126
Texas Department of State Health Services License Number: 300440
Commonwealth of Virginia 3333000323
Washington State License Number: C989
West Virginia License Number: LT000616
Vermont License: AL166318
Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020

SanAir ID Number
20062540
FINAL REPORT
11/10/2020 11:41:17 AM

SanAir Technologies Laboratory

Name: HDH Technical, Inc.
Address: P.O. Box 6158
Christiansburg, VA 24073
Phone: 540-381-7999

Project Number: Montvale Elementary
P.O. Number: Doug Coffman
Project Name: 1157 W Lynchburg Salem Turnpike
Collected Date: 10/23/2020
Received Date: 11/10/2020 10:05:00 AM

Dear Fred Danner,

We at SanAir would like to thank you for the work you recently submitted. The 2 sample(s) were received on Tuesday, November 10, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): RM 7.1, RM 7.2.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

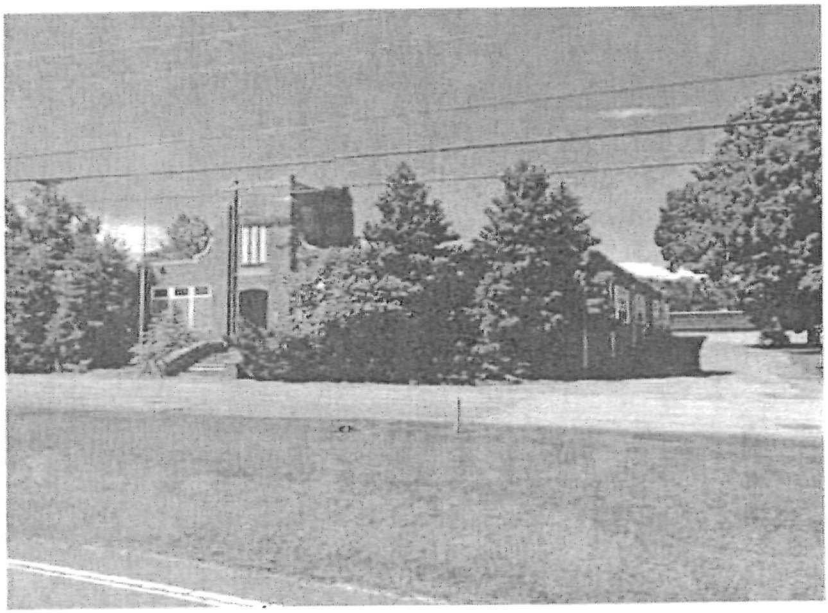
Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

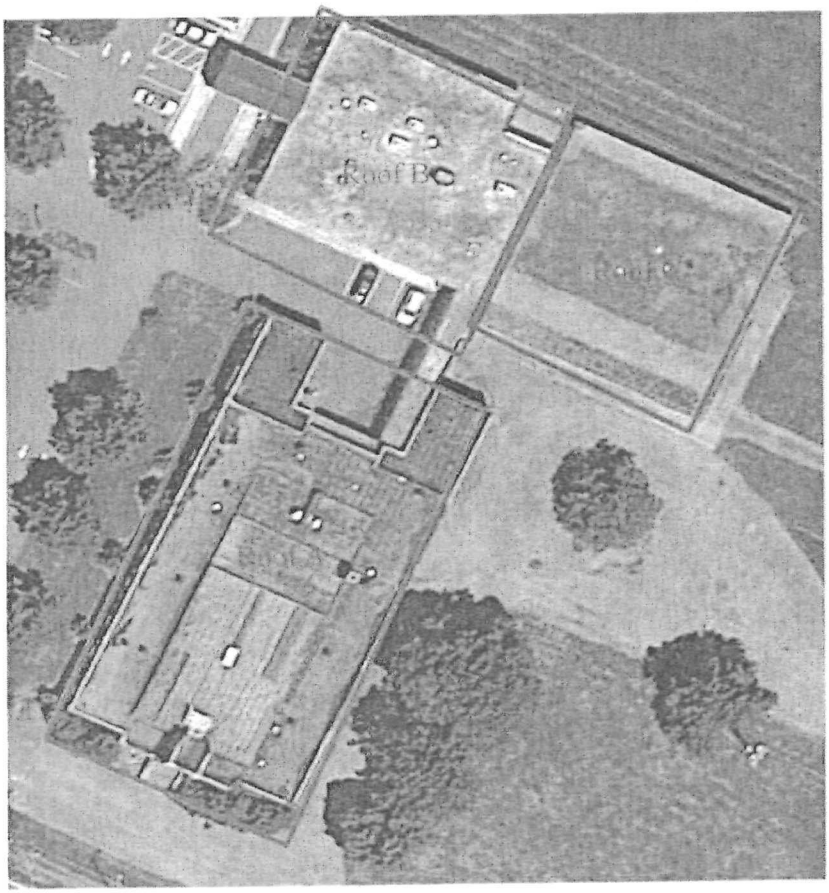
Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:
- 2 samples in Good condition.

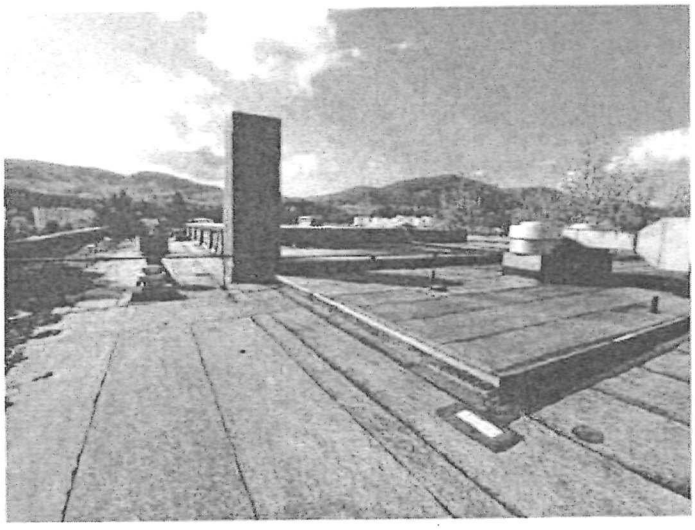
Photos

11575 W Lynchburg Salem Turnpike





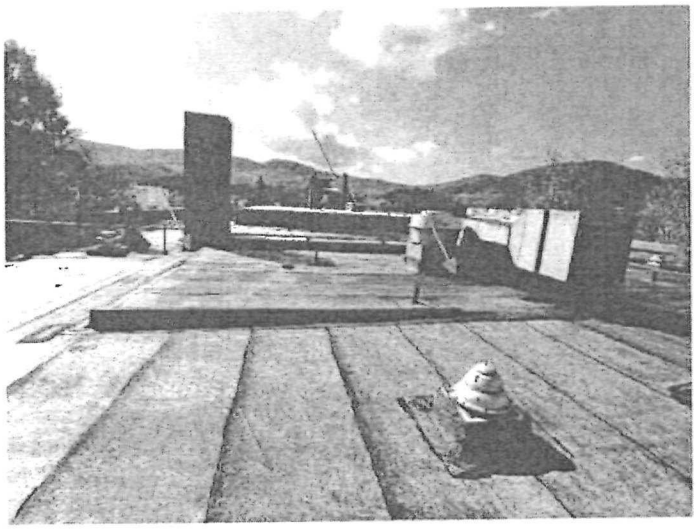
11575 W Lynchburg Salem Turnpike

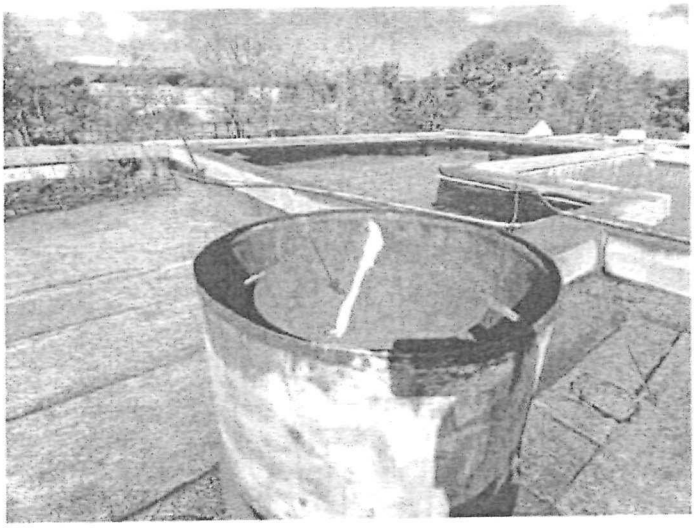




The "A" Roof - Field Membrane, Flashings, Cements and Caulks – were all found to be Asbestos Containing by the laboratory.

11575 W Lynchburg Salem Turnpike





The "A" Roof - Field Membrane, Flashings, Cements and Caulks – were all found to be Asbestos Containing by the laboratory.

Applicable Licenses

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
05-31-2021

NUMBER
3303004166

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE

FREDERICK REED DANNER
400 WEST MAIN ST
CHRISTIANSBURG, VA 24073-0000

DPOR

Mary Broc-Vaughan, Director

Status can be verified at http://www.dpor.virginia.gov

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

APPENDIX B – INSPECTOR ACCREDITATIONS

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
03-31-2025

NUMBER
3303004738

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE

TRENT WILLIAMS
139 BROOKE CIR
BLUEFIELD, VA 24605

DPOR

Kishan S. Sibla
Kishan S. Sibla, Director

Status can be verified at http://www.dpor.virginia.gov

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
07-31-2025

NUMBER
3303004079

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS INSPECTOR LICENSE

CHRISTOPHER DAVID ATWELL
PO BOX 311
ROCKY GAP, VA 24366

DPOR

Brian Wolford, Interim Director

Status can be verified at http://www.dpor.virginia.gov

VOID

DPOR LIC (03/2017)

APPENDIX C – PHOTOGRAPHS

Stantec

Photographic Log

Client:	**VDEQ**	**Project:**	**203402838.30.04**
Site Name:	**11575 W Lynchburg Salem Turnpike**	**Site Location:**	**Montvale, Virginia**

Photograph ID: 1 **Date:** 12/17/2024 **Sample ID:** M-1,2,3 **Location:** Corridor **Description:** Black floor tile mastic	
Photograph ID: 2 **Date:** 12/17/2024 **Sample ID:** M-7,8,9 **Location:** Rooms 11-16 **Description:** Tan floor tile and black mastic	

Client:	**VDEQ**	**Project:**	**203402838.30.04**
Site Name:	**11575 W Lynchburg Salem Turnpike**	**Site Location:**	**Montvale, Virginia**

Photograph ID: 3 **Date:** 12/17/2024 **Sample ID:** M-22,23,24 **Location:** Corner of Room 13 **Description:** Grey expansion joint	
Photograph ID: 4 **Date:** 12/17/2024 **Sample ID:** M-25,26,27 **Location:** Janitors closet in ceiling of Section C. **Description:** Grey pipe insulation	

Client:	**VDEQ**	**Project:**	**203402838.30.04**
Site Name:	**11575 W Lynchburg Salem Turnpike**	**Site Location:**	**Montvale, Virginia**

Photograph ID: 5 **Date:** 12/17/2024 **Sample ID:** M-28,29,30 **Location:** Janitors closet in ceiling of Section C. **Description:** Beige/ gray pipe mud	
Photograph ID: 6 **Date:** 12/17/2024 **Sample ID:** M-40,41,42 **Location:** Kitchen. **Description:** Brown floor tile and black mastic	

Client:	**VDEQ**	**Project:**	**203402838.30.04**
Site Name:	**11575 W Lynchburg Salem Turnpike**	**Site Location:**	**Montvale, Virginia**

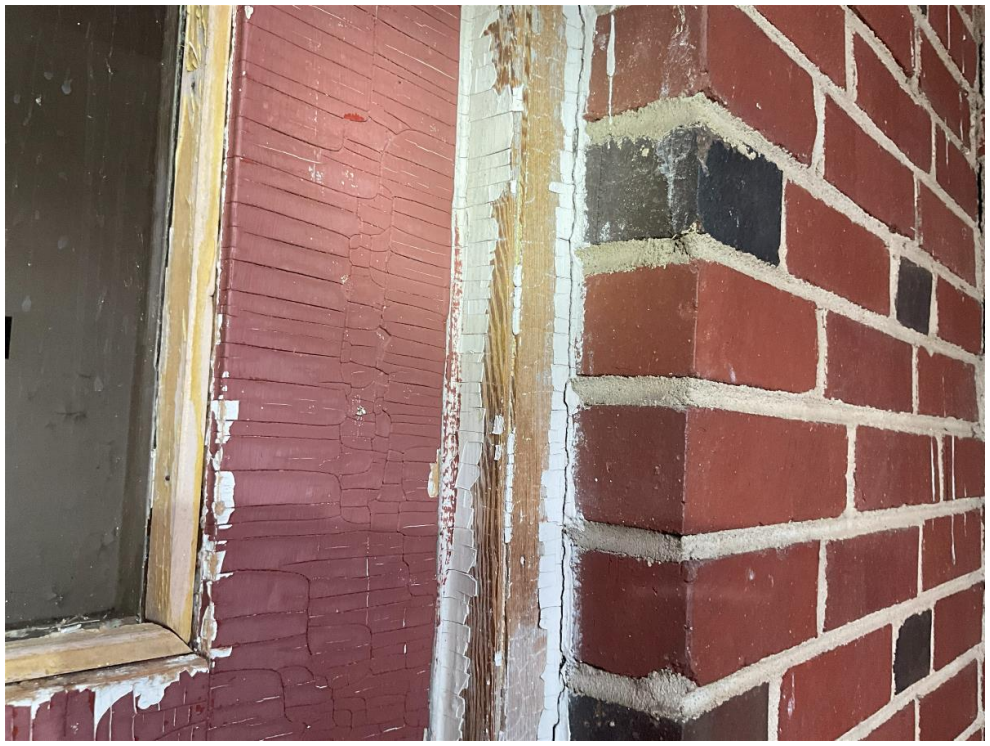
Photograph ID: 7

Date:
12/17/2024

Sample ID:
M-53,54,55

Location:
Exterior front door

Description:
White caulk on door frame



Photograph ID: 8

Date:
12/17/2024

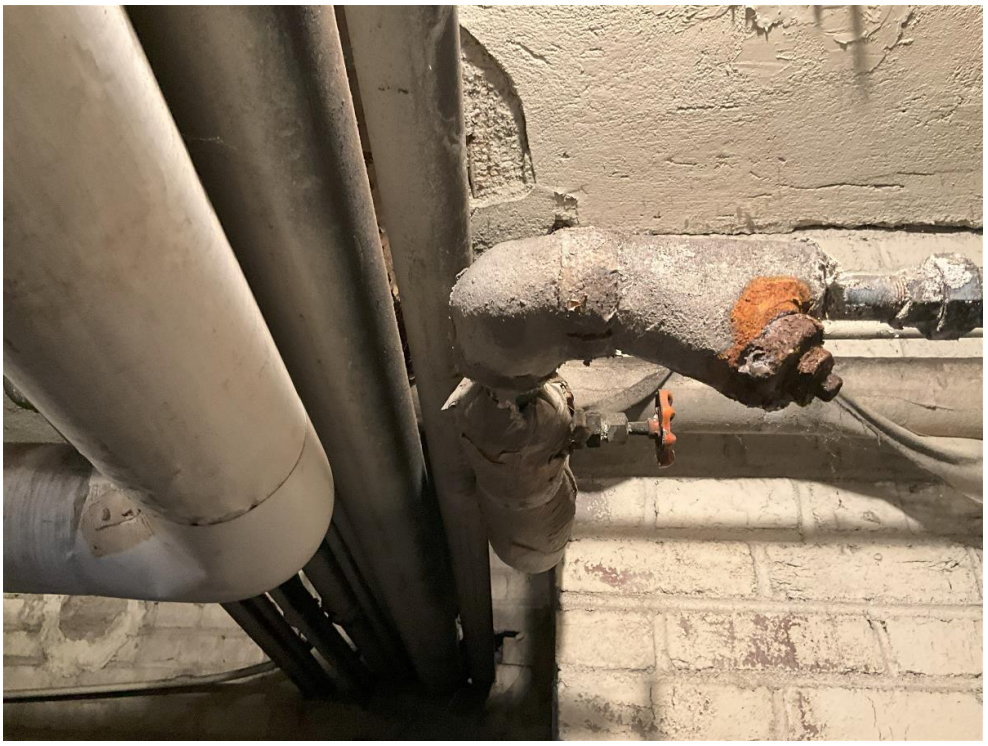
Sample ID:
M-59,60,61

Location:
Boiler room

Description:
Beige/gray pipe mud



Client:	**VDEQ**	**Project:**	**203402838.30.04**
Site Name:	**11575 W Lynchburg Salem Turnpike**	**Site Location:**	**Montvale, Virginia**

Photograph ID: 9 **Date:** 12/17/2024 **Sample ID:** M-62,63,64 **Location:** Boiler room **Description:** Grey pipe insulation	
Photograph ID: 10 **Date:** 12/17/2024 **Sample ID:** M-65,66,67 **Location:** Boiler room **Description:** Beige, white, and gray tank insulation.	

Client:	**VDEQ**	**Project:**	**203402838.30.04**
Site Name:	**11575 W Lynchburg Salem Turnpike**	**Site Location:**	**Montvale, Virginia**

Photograph ID: 11 **Date:** 10/30/2024 **Sample ID:** LBP-1 **Location:** Exterior Building A **Description:** Red paint on wooden exterior door	
Photograph ID: 12 **Date:** 10/30/2024 **Sample ID:** LBP-2 **Location:** Exterior Building A **Description:** White paint on wooden exterior door frame	

Client:	**VDEQ**	**Project:**	**203402838.30.04**
Site Name:	**11575 W Lynchburg Salem Turnpike**	**Site Location:**	**Montvale, Virginia**

Photograph ID: 13

Date:
10/30/2024

Sample ID:
LBP-3

Location:
Front entrance above door, Building A.

Description:
White paint on wooden window/ window frame



APPENDIX D – LABORATORY ANALYTICAL REPORTS

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

November 14, 2024

Stantec Consulting Services
Attn: Trent Williams
534 Industrial Park Road
Bluefield, VA 24605

RE: Stantec Consulting Services
Job Number 124111274
P.O. #203402838 30.04
203402838 30.04; VDEQ; Montvale School

Dear Trent Williams:

Enclosed are the results for PLM asbestos analysis of the following Stantec Consulting Services samples received at AmeriSci on Friday, November 8, 2024, for a 5 day turnaround:

M-1, M-2, M-3, M-4, M-5, M-6, M-7, M-8, M-9, M-10, M-11, M-12, M-13, M-14, M-15, M-16, M-17, M-18, M-19, M-20, M-21, M-22, M-23, M-24, M-25, M-26, M-27, M-28, M-29, M-30, M-31, M-32, M-33, M-34, M-35, M-36, M-37, M-38, M-39, M-40, M-41, M-42, M-43, M-44, M-45, M-46, M-47, M-48, M-49, M-50, M-51, M-52, M-53, M-54, M-55, M-56, M-57, M-58, M-59, M-60, M-61, M-62, M-63, M-64, M-65, M-66, M-67

The 67 samples contained in zip lock bag were shipped to AmeriSci via Fed Ex 7798 1130 2194 B 1010. These samples were prepared and analyzed according to EPA PLM Method (EPA 600/R-93/116 Section 2.2). The required analytical information, analysis results, analyst signature and laboratory identification are contained in the PLM Bulk Asbestos Report. If TEM analysis was requested for selected samples the gravimetric reduction data (by Sec 2.3) and TEM Asbestos % (by Sec 2.5) are included in Table 1 along with a summary of Asbestos % by PLM for all samples analyzed.

This report relates ONLY to the sample analysis expressed as % asbestos. AmeriSci assumes no responsibility for customer supplied data such as “sample type”, "location", or “area sampled”. This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology accreditation requirements mandate that this report must not be reproduced, except in full, without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,



Beverly A. Schrage

Senior Analyst | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Stantec Consulting Services
Attn: Trent Williams
534 Industrial Park Road

Bluefield, VA 24605

Date Received 11/8/2024 **AmeriSci Job #** 124111274
Date Examined 11/13/24 **P.O. #**
Page 1 **of** 16

RE: 203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-1	124111274-01L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Off-White, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100%				
M-1	124111274-01L2	***Yes***	4.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0% **Other Material:** Non-fibrous 96%				
M-2	124111274-02L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Off-White, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100%				
M-2	124111274-02L2	***Yes***	4.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0% **Other Material:** Non-fibrous 96%				
M-3	124111274-03L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Off-White, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100%				
M-3	124111274-03L2	***Yes***	4.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0% **Other Material:** Non-fibrous 96%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-4	124111274-04L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Cove Base **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-4	124111274-04L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-5	124111274-05L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Cove Base **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-5	124111274-05L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-6	124111274-06L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Cove Base **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-6	124111274-06L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-7	124111274-07L1	***Yes***	5.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 5.0% **Other Material:** Non-fibrous 95%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-7	124111274-07L2	***Yes***	5.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 5.0% **Other Material:** Non-fibrous 95%				
M-8	124111274-08L1	***Yes***	5.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 5.0% **Other Material:** Non-fibrous 95%				
M-8	124111274-08L2	***Yes***	5.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 5.0% **Other Material:** Non-fibrous 95%				
M-9	124111274-09L1	***Yes***	5.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 5.0% **Other Material:** Non-fibrous 95%				
M-9	124111274-09L2	***Yes***	5.0% (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Floor Tile/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 5.0% **Other Material:** Non-fibrous 95%				
M-10	124111274-10L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Cove Base **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-10	124111274-10L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-11	124111274-11L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Cove Base **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-11	124111274-11L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/13/24	
Location: Cove Base/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-12	124111274-12L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Cove Base/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Cove Base **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-12	124111274-12L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Cove Base/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-13	124111274-13L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling Tile/Mastic **Analyst Description:** White, Heterogeneous, Non-Fibrous, Ceiling Tile **Asbestos Types:** **Other Material:** Fibrous glass 99%, Non-fibrous 1.0%				
M-13	124111274-13L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling Tile/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Fibrous Talc Trace, Non-fibrous 100%				
M-14	124111274-14L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling Tile/Mastic **Analyst Description:** White, Heterogeneous, Non-Fibrous, Ceiling Tile **Asbestos Types:** **Other Material:** Fibrous glass 99%, Non-fibrous 1.0%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-14	124111274-14L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling Tile/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Fibrous Talc Trace, Non-fibrous 100%				
M-15	124111274-15L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling Tile/Mastic **Analyst Description:** White, Heterogeneous, Non-Fibrous, Ceiling Tile **Asbestos Types:** **Other Material:** Fibrous glass 99%, Non-fibrous 1.0%				
M-15	124111274-15L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling Tile/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Fibrous Talc Trace, Non-fibrous 100%				
M-16	124111274-16	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Chalkboard Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-17	124111274-17	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Chalkboard Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-18	124111274-18	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Chalkboard Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-19	124111274-19	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Glazing **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-20	124111274-20	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Glazing **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-21	124111274-21	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Glazing **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-22	124111274-22	***Yes***	8.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Expansion Joint **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.0% **Other Material:** Non-fibrous 92%				
M-23	124111274-23	***Yes***	8.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Expansion Joint **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.0% **Other Material:** Non-fibrous 92%				
M-24	124111274-24	***Yes***	8.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Expansion Joint **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.0% **Other Material:** Non-fibrous 92%				
M-25	124111274-25	***Yes***	25% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Insulation **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 25% **Other Material:** Cellulose 70%, Non-fibrous 5.0%				
M-26	124111274-26	***Yes***	25% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Insulation **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 25% **Other Material:** Cellulose 70%, Non-fibrous 5.0%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-27	124111274-27	***Yes***	25% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Insulation **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 25% **Other Material:** Cellulose 70%, Non-fibrous 5.0%				
M-28	124111274-28	***Yes***	10% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Mud **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 10% **Other Material:** Fibrous glass 15%, Non-fibrous 75%				
M-29	124111274-29	***Yes***	10% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Mud **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 10% **Other Material:** Fibrous glass 15%, Non-fibrous 75%				
M-30	124111274-30	***Yes***	10% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Mud **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 10% **Other Material:** Fibrous glass 15%, Non-fibrous 75%				
M-31	124111274-31	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling System **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 90%, Non-fibrous 10%				
M-32	124111274-32	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling System **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 90%, Non-fibrous 10%				
M-33	124111274-33	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Ceiling System **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 90%, Non-fibrous 10%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-34	124111274-34L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** White, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-34	124111274-34L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Yellow, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-35	124111274-35L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** White, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-35	124111274-35L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Yellow, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-36	124111274-36L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-36	124111274-36L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Yellow, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-37	124111274-37L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-37	124111274-37L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-38	124111274-38L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-38	124111274-38L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-39	124111274-39L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-39	124111274-39L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-40	124111274-40L1	***Yes***	3.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Floor Tile **Asbestos Types:** Chrysotile 3.0% **Other Material:** Non-fibrous 97%				
M-40	124111274-40L2	***Yes***	4.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Floor Tile/Mastic **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Mastic **Asbestos Types:** Chrysotile 4.0% **Other Material:** Non-fibrous 96%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-41	124111274-41L1	***Yes***	3.0% (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Floor Tile/Mastic
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Floor Tile
Asbestos Types: Chrysotile 3.0%
Other Material: Non-fibrous 97%

M-41	124111274-41L2	***Yes***	4.0% (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Floor Tile/Mastic
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic
Asbestos Types: Chrysotile 4.0%
Other Material: Non-fibrous 96%

M-42	124111274-42L1	***Yes***	3.0% (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Floor Tile/Mastic
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Floor Tile
Asbestos Types: Chrysotile 3.0%
Other Material: Non-fibrous 97%

M-42	124111274-42L2	***Yes***	4.0% (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Floor Tile/Mastic
Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic
Asbestos Types: Chrysotile 4.0%
Other Material: Non-fibrous 96%

M-43	124111274-43	***Yes***	Trace (<1.0 %) (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Ceiling Tile Mastic
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Tremolite <1. %
Other Material: Fibrous Talc Trace, Non-fibrous 100%

M-44	124111274-44	***Yes***	Trace (<1.0 %) (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Ceiling Tile Mastic
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Tremolite <1. %
Other Material: Fibrous Talc Trace, Non-fibrous 100%

M-45	124111274-45	***Yes***	Trace (<1.0 %) (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Ceiling Tile Mastic
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Tremolite <1. %
Other Material: Fibrous Talc Trace, Non-fibrous 100%

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-46	124111274-46.1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Plaster/Skimcoat
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster)
Asbestos Types:
Other Material: Non-fibrous 100%

M-46	124111274-46.2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Plaster/Skimcoat
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)
Asbestos Types:
Other Material: Non-fibrous 100%

M-47	124111274-47.1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Plaster/Skimcoat
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster)
Asbestos Types:
Other Material: Non-fibrous 100%

M-47	124111274-47.2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Plaster/Skimcoat
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)
Asbestos Types:
Other Material: Non-fibrous 100%

M-48	124111274-48.1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Plaster/Skimcoat
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster)
Asbestos Types:
Other Material: Non-fibrous 100%

M-48	124111274-48.2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Plaster/Skimcoat
Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)
Asbestos Types:
Other Material: Non-fibrous 100%

M-49	124111274-49.1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	

Location: Plaster/Skimcoat
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster)
Asbestos Types:
Other Material: Non-fibrous 100%

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-49	124111274-49.2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Plaster/Skimcoat **Analyst Description:** White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-50	124111274-50.1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Plaster/Skimcoat **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster) **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-50	124111274-50.2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Plaster/Skimcoat **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster) **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-51	124111274-51.1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Plaster/Skimcoat **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster) **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-51	124111274-51.2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Plaster/Skimcoat **Analyst Description:** White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-52	124111274-52.1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Plaster/Skimcoat **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Base Coat (Plaster) **Asbestos Types:** **Other Material:** Non-fibrous 100%				
M-52	124111274-52.2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Plaster/Skimcoat **Analyst Description:** White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) **Asbestos Types:** **Other Material:** Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-53	124111274-53	***Yes***	8.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Caulk **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.0% **Other Material:** Non-fibrous 92%				
M-54	124111274-54	***Yes***	8.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Caulk **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.0% **Other Material:** Non-fibrous 92%				
M-55	124111274-55	***Yes***	8.0% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Caulk **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.0% **Other Material:** Non-fibrous 92%				
M-56	124111274-56L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Brown, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-56	124111274-56L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Green/Red, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-56	124111274-56L3	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Green, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-57	124111274-57L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Brown, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-57	124111274-57L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Green/Red, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-57	124111274-57L3	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Green, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-58	124111274-58L1	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Brown, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-58	124111274-58L2	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Green/Red, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-58	124111274-58L3	***No***	NAD (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Shingles **Analyst Description:** Black/Green, Heterogeneous, Non-Fibrous, Shingle **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
M-59	124111274-59	***Yes***	17% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Mud **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.0%, Amosite 12% **Other Material:** Fibrous glass 15%, Non-fibrous 68%				
M-60	124111274-60	***Yes***	17% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Mud **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.0%, Amosite 12% **Other Material:** Fibrous glass 15%, Non-fibrous 68%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
M-61	124111274-61	***Yes***	17% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Mud **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.0%, Amosite 12% **Other Material:** Fibrous glass 15%, Non-fibrous 68%				
M-62	124111274-62	***Yes***	20% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Insulation **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 20% **Other Material:** Cellulose 70%, Non-fibrous 10%				
M-63	124111274-63	***Yes***	17% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Insulation **Analyst Description:** Beige/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.0%, Amosite 12% **Other Material:** Fibrous glass 15%, Non-fibrous 68%				
M-64	124111274-64	***Yes***	20% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Pipe Insulation **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 20% **Other Material:** Cellulose 70%, Non-fibrous 10%				
M-65	124111274-65	***Yes***	55% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Tank Insulation **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 55% **Other Material:** Fibrous glass 25%, Non-fibrous 20%				
M-66	124111274-66	***Yes***	10% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Tank Insulation **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 10% **Other Material:** Cellulose 10%, Fibrous glass 15%, Non-fibrous 65%				
M-67	124111274-67	***Yes***	20% (by CVES) by Beverly A. Schrage on 11/14/24	
Location: Tank Insulation **Analyst Description:** White/Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.0%, Amosite 12% **Other Material:** Fibrous glass 15%, Non-fibrous 65%				

See Reporting notes on last page

PLM Bulk Asbestos Report

203402838 30.04; VDEQ; Montvale School

Reporting Notes:

Analyzed by: Beverly A. Schrage 
Reviewed by: Beverly A. Schrage 
Date: 11/13/2024

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6130 microscope, Serial #1410301, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Stantec

124111274

534 Industrial Park Road Bluefield, VA 24605 / TEL: (304) 809-0629

CHAIN OF CUSTODY

Bulk Sample Data

Client: VDEQ	**Project No.: 203402838 30.04**	**Project Manager: Joe Morici**
Inspector: Trent Williams	**Project: Montvale School**	**Comments: Send results to trent.williams2@stantec.com**
Date of Collection: 11/5/24	Date of Shipment: 11/7/24	Ship. Method: Fedex

Turnaround Requirements

Bulk Sample Log and Analysis Request

5-Day **Standard**

Rush

Analysis Requested

Sample ID Number	Material	Number of Containers	PLM (Asbestos)		Remarks/Sample Location
M-1, 2, 3	floor tile/mastic	**3**	x		
M-4, 5, 6	cove base/mastic	**3**	x		
M-7, 8, 9	floor tile/mastic	**3**	x		
M-10, 11, 12	cove base/mastic	**3**	x		
M-13, 14, 15	ceiling tile/mastic	**3**	x		
M-16, 17, 18	chakboard mastic	**3**	x		
M-19, 20, 21	glazing	**3**	x		
M-22, 23, 24	expansion joint	**3**	x		
M-25, 26, 27	pipe insulation	**3**	x		
M-28, 29, 30	pipe mud	**3**	x		
M-31, 32, 33	ceiling system	**3**	x		
M-34, 35, 36	floor tile/mastic	**3**	x		
M- 37, 38, 39	floor tile/mastic	**3**	x		
M-40, 41, 42	floor tile/mastic	**3**	x		
M-43, 44, 45	ceiling tile mastic	**3**	x		
M-46,47,48,49,50,51,52	plaster/skimcoat	**7**	x		
M-53, 54, 55	caulk	**3**	x		
M-56, 57, 58	shingles	**3**	x		
M-59, 60, 61	pipe mud	**3**	x		
M-62, 63, 64	pipe insulation	**3**	x		
M-65, 66, 67	tank insulation	**3**	x		

Relinquished by: *(Signature)*	Date/Time 11/7/24 1600	Received by: *(Signature)*	Date/Time	Condition:
Relinquished by: *(Signature)*	Date/Time	Received for Laboratory by: *(Signature)*	Date/Time	Condition:

Comments:

Received

NOV 08 2024

APPENDIX E – ASBESTOS SURVEY NOTES

ACM Inspection Field Sheet

Project #:			Site Name:		Date:		Inspector:
20240 28 39			Montvale School		11/5/24		TN & CA
Sample ID	Map	Photo #	Sample Description	Locations	Condition/ Friable?	Approx. Amount	Comments
M-1,2,3	✓	0031 0032	floor tile	corridor	G/NF	1500SF	12x12 OW gray streaks black mastic
M-4,5,6	✓	0033 0034	cove base	corridor ramp area only	F/NF	100 SF	gray 4" brown mastic
M-7,8,9	✓	0035 0036	floor tile	rooms 11-16	P/NF	5500SF	9x9" tan black mastic
M-10,11,12	✓	0037 0038	cove base mastic	rooms 11-16	F/NF	240SF	black 4" brown mastic
M-13,14,15	✓	0039 0040	ceiling tile mastic	HALL C	F/NF	800 SF	white fiber brown mastic
M-16,17,18	✓	0041 0042	chalkboard mastic	rooms 11-16 + chalkboards behind bulletin boards	F/NF	200 SF	black 6" blobs
M-19,20,21	✓	0043 0044	glazing	rooms 11-16 exterior windows	P/NF	3000LF	bucorded DP - 1" bead gray/wht
M-22,23,24	✓	0045 0046	expansion joint	corner of room 13	F/NF	10 LF	gray hard
M-25,26,27	✓	0047 0048	pipe insulation	janitors closet ceilings of section C	F/NF	25LF*	aerocell 3" gray pipe
M-28,29,30	✓	0049 0050	pipe fund.	janitors closet ceilings of section C	P/NF	60* SF	gray hard 3"

Notes:

OW = off white

rooms 11-16 floor removed in some rooms but mastic remains

* measurement is for visible/accessible sections

Stantec

ACM Inspection Field Sheet

Project #:			Site Name:		Date:		Inspector:
20340283B			Montvale School		11/5/24		T.W + CA
Sample ID	**Map**	**Photo #**	**Sample Description**	**Locations**	**Condition/ Friable?**	**Approx. Amount**	**Comments**
M-31,32,33	✓	0051 0052	ceiling system	ceiling throughout section C sytm	F/NF	10000SF	straw/white adhesive
M-34,35,36	✓	0053 0054	floortile/mastic	EAST Rooms + Hall in section A	F/NF	2000 SF	white 12x12 yellow mastic
M-37,38,39	✓	0055 0056	floor tile/mastic	RR1 - section A	G/NF	30 SF	12x12 tan yellow mastic
M-40,41,42	✓	0057 0058	floor tile/mastic	Kitchen	P/NF	600SF	9x9 brown black mastic
M-43,44,45	✓	0059 0060	ceiling tile mastic	Kitchen ceiling	F/NF	350 SF	brown 4 per tile tile is yellow asbestos
M-46,47,48 49,50,51,52	✓	0061 0062	plaster skimcoat	walls + ceilings section A	F/F	20,000 SF	white/gray
M-53,54,55	✓	0063 0064	caulk	exterior front door	P/NF	25 LF	white.
M-56,57,58	✓	0067 0068	shingles	collapsed outbuilding	P/NF	50 SF	green/black
M-59,60,61		0073 0074	pipe-mud.	boiler room.	P/F	100SF	grey
M-62,63,64		0072	pipe insulation	boiler room	P/NF	150 LF	grey gauze wrap grey aerocell

Notes:

boiler room (mixture of new + old insulation) 22X15

coal room 22X15 (new insulation)

Stantec

ACM Inspection Field Sheet

Project #:			Site Name:		Date:		Inspector:
Sample ID	Map	Photo #	Sample Description	Locations	Condition/ Friable?	Approx. Amount	Comments
MM-65[illegible]		0070 0071	tank insulation	boiler room	F/NF	500SF	grey/cement
				2 elevated horizontal tanks covered			
				in insulation.			

Notes:
* pipe mud/pipe insulation amounts are for visible/accessible materials.

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APPENDIX F – LEAD-BASED PAINT SCREENING DATA

XRF Screening Field Sheet

Site Name:				Project #:		Date:		Inspector:
Montvale School				203402838 -30.04		10/30/24		Chris Atwell
Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	B	1	Kinder 2	Wall	CB	tan	—	
	B	1	Kinder 2	Wall	CB	Multicolored	—	
	B	1	Kinder 2	DC	M	tan	—	
	B	1	Kinder 2	Window	M	tan	—	
	B	1	Ext	DF	M	White	—	
	B	1	Ext	DC	M	white	—	
	B	1	Ext	vestibule filling	M	white	—	Eastern Entrance
	B	1	Ext	awning/roof support beam	M	Red/white	—	N. facing
	B	1	Ext	Wall	W	multi	—	Graffiti
	B	1	Ext	Wall	Brick	multi	—	
	B	1	Ext	D/DF	M	white	—	
	B	1	Ext	Wi	M	White	—	
	B	1	Ext	WC	M	White	—	
	B	1	Ext	Lentil	M	White	—	Library door.
	B	1	Ext	WF	M	White	—	
	B	1	Ext	WC	M	White	—	
	B	1	Ext	WF	M	white	—	horizontal Wi Sill
	B	1	Ext	WC	M	White)	—	horizontal Wi

Notes: *Substrate: W=Wood, M=Metal, C=Concrete, DW=Drywall, CB=Cinderblock PLA=Plaster PLAC=Plastic B=Brick

Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor BB=baseboard

XRF Screening Field Sheet

Site name:	Project:	Date:	Inspector:
Montvale School	2023-02838 30.04	10/30	Chris Atwell

Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	B	1	Ext	D	M	White	—	Library side entrance
	B	1	Ext	DF	M	White	—	" " "
	A	1	Ext	D	W	White	—	
	A	1	Ext	DF	W	White	—	
	A	1	Ext	D	M	Gray/Green White	—	
	A	1	Ext	DF	M	Gray/Green White	—	
	A	1	Ext	Porch Rail	M	White	—	
	A	1	7th Grade C.R. 39	W	W	White	—	
	A	1	7th Grade C.R. 39	WF	W	White	—	
	A	1	7th Grade C.R. 39	DC	W	White	—	
	A	1	7th Grade C.R. 39	D	W	White	—	
	A	1	7th Grade C.R. 39	DF	W	White	—	
	A	1	7th Grade C.R. 39	W	W	White	—	
	A	1	Hall	W	W	White	—	
	A	1	Ext	F	C	Gray	—	Front entrance
LBP-1	A	1	Ext	D	W	Red	2.46 ± 0.72	" "
LBP-2	A	1	Ext	DF	W	White	1.39 ± 0.25	" "
	A	1	Ext	Steps	M	Gray	—	" "

Notes: *Substrate: W=Wood, M=Metal, C=Concrete, DW=Drywall, CB=Cinderblock PLA=Plaster PLAC=Plastic B=Brick

Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor BB=Baseboard

XRF Screening Field Sheet

Site name:				Project:		Date:		Inspector:
Montvale School				2034028.38 30.04		10/30		Chris Atwell
Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	A	1	Ext	Coal chute	W	Gray	—	
LBP-3	A	1	Ext	Wi/WF	W	White	1.77±0.43	Front entrance above door
	A	1	Ext	Basement Railing	M	Gray	—	
	A	1	Ext	Basement Railing	M	Red	—	
	A	1	Ext	D	M	Gray	—	Boiler room
	A	1	Ext	DF	M	Gray	—	Boiler room
	A	1	Ext	DF	M	White	—	Hallway E. Entrance
	A	1	Ext	D	M	Blue	—	〃 〃
	A	1	Ext	Vestibule filling	M	White	—	
	A	1	Ext	lentil	M	White	—	
	A	1	Ext	Vestibule	C	White	—	
	A	1	Ext	awning/roof support beam	M	White/blue/green	—	
	C	1	Hall	D	M	Green	—	
	C	1	3rd G.C.R(1)	Wall	CB	cream	—	
	C	1	3rd G.C.R(1)	Wi	W	white	—	
	C	1	3rd G.C.R(1)	WF	W	white	—	
	C	1	3rd G.C.R(1)	D	M	tan	—	
	C	1	3r G.C.R(1)	DF	M	tan	—	

Notes: *Substrate: W=Wood, M=Metal, C=Concrete, DW=Drywall, CB=Cinderblock PLA=Plaster PLAC=Plastic B=Brick

Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor

XRF Screening Field Sheet

Site name: Montvale School				Protect: 20240828-30.04		Date: 10/30		Inspector: Chris Atwell
Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	C	1	3rd G.C.R.(1)	Ceiling Beams	M	white	—	
	C	1	3rd G.C.R.(1)	Ceiling	Plaster	white	—	
	C	1	3rd G.C.R.(1)	WF	M	tan	—	
	C	1	3rd G.C.R(2)	Wi	M	Brown	—	
	C	1	3rd G.C.R.(2)	D	M	tan	—	
	C	1	3rd G.C.R (2)	DF	M	tan	—	
	C	1	3rd G.C.R.(2)	Ceiling	Plaster	tan	—	
	C	1	3rd G.C.R(2)	Behind covebase	CB	green	—	
	C	1	3rd G.C.R(2)	W	CB	cream	—	
	C	1	3rd G.C.R(2)	support beam	M	tan	—	throughout Building C
	C	1	Closet	W	CB	tan	—	
	C	1	Closet	Shelf	W	tan	—	
	C	1	Closet	Ceiling	Plaster	tan	—	
	C	1	2nd G.C.R(1)	W	CB	Cream	—	
	C	1	↓	Wi	M	Brown	—	
	C	1		WF	M	Brown	—	
	C	1		D	M	Brown	—	
	C	1		DF	M	Brown	—	

Notes: *Substrate: W=Wood, M=Metal, C=Concrete, DW=Drywall, CB=Cinderblock PLA=Plaster PLAC=Plastic B=Brick

Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor

XRF Screening Field Sheet

Site name: Montvale School				Project: 203802838 - 30.04		Date: 10/30		Inspector: Chris Atwell
Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	C	1	2nd G.C.R. (1)	W	CB	Green	—	
	C	1	2nd G.C.R (2)	D	M	Gray	—	
	C	1	↓	DF	M	Gray	—	
	C	1	↓	D	M	Brown	—	
	C	1	↓	DF	M	Brown	—	
	C	1	↓	Ceiling	Plaster	tan	—	
	C	1	1st G.C.R (1)	Ceiling	Plaster	tan	—	
	C	1	↓	D	M	tan	—	
	C	1	↓	DF	M	tan	—	
	C	1	↓	Wi	M	Brown	—	
	C	1	↓	WF	M	Brown	—	
	C	1	↓	W	CB	tan	—	
	C		↓	D	M	Gray	—	
	C	1	↓	DF	M	Gray	—	
	C	1	1st G.C. R(2)	Ceiling	Pla	Cream	—	
	C	1	↓	D	M	Brown	—	
	C	1	↓	DF	M	Brown	—	
	C	1	↓	D	M	Gray	—	

Notes: *Substrate: W=Wood, M=Metal, C=Concrete, DW=Drywall, CB=Cinderblock PLA=Plaster PLAC=Plastic B=Brick

Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor

XRF Screening Field Sheet

Site name:	Project:	Date:	Inspector:
Montvale School	2034028.38 80.04	10/20	Chris Atwell

Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	C	1	1st Gr. C.R (2)	W	CB	tan	—	
	C	1	↓	Support beam	M	tan	—	
	C	1		DF	M	Gray	—	
	B	1	Library	Wall	Pla	Blue	—	
	B	1	Library	DF	M	Cream	—	
	B	1	Library	Wall	Pla	cream	—	
	B	1	Library	WF	M	cream	—	
	B	1	Library	WC	Pla	cream	—	
	B	1	↓	DF	M	cream	—	in Back offices / work room
	B	1		W	Pla	cream	—	↓
	B	1		WF	M	cream	—	
	B	1		WC	M	cream	—	
	B	1		Wall	Pla	cream	—	
	B	1		Wall	Pla	cream	—	in supply closet
	B	1		Wall	Pla	gray	—	Both bathrooms
	B	1	↓	DF	M	cream	—	↓
	B	1	↓	DC	M	cream	—	↓
	B	1	↓	Wall	Pla	Cream	—	

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XRF Screening Field Sheet

Site name: Montvale School				Project: 2034028.38		Date: 10/31		Inspector: Chris Atwell
Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	B	1	workroom	Wallframe?	M	White	—	above drop ceiling
	B	1	Library Meeting Room	Wall	CB	white	—	
	B	1	↓	Wall	CB	Blue	—	
	B	1		Wall	CB	gray	—	in bathroom
	B	1		Wall	CB	cream	—	in supply closet
	B	1		Wall	CB	green	—	
	B	1		DF	M	white	—	
	B	1		DC	M	white	—	
	B	1		WF	M	white	—	
	B	1	Library Hall	Wall	Pla	cream	—	
	B	1	LB Hall	DF	M	white	—	
	B	1	Foyer	DF	M	cream	—	
	B	1	Foyer	Wall	Pla	cream	—	
	B	1	Foyer	WF	M	cream	—	
	B	1	corridor	Wall	CB	cream	—	all cream walls
	B	1	corridor	DF	M	tan	—	all doorframes
	B	1	Stor. Spr.	Wall	CB	Beige	—	
	B	1	↓	DF	M	gray	—	

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XRF Screening Field Sheet

Site name: Montvale School				Project: 203402838 30.04		Date: 10/31		Inspector: Chris Atwell
Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	B	1	Corridor	Wall	CB	white	—	Both bathrooms
	B	1	↓	DF	M	tan	—	↓
	B	1	↓	Wall	CB	yellow Dark	—	↓
	A	1	Corridor	DF	M	Darktown	—	all Doorframes
	A	1	Corridor	D	M	Darktan	—	all Doors (metal)
	A	1	Corridor	Handrail	M	tan	—	
	A	1	"	Wall	B	white	—	
	A	1	4th G.C.R.	Wall	Pla	tan/white	—	
	A	1	4th G.C.R.	DF	M	tan	—	
	A	1	↓	DC	M	tan	—	
	A	1	↓	D	W	tan	—	
	A	1	4th G.C.R.	WF	W	tan	—	
	A	1	↓	WC	W	tan/green	—	green showing through
	A	1	↓	WF	W	pink	—	Bathroom
	A	1	↓	WC	W	pink	—	Bathroom
	A	1	Multipurpose	Walls	Pla	white/tan/green	—	all Walls
	A	1	Room	Wall	W	white/tan/green	—	
	A	1	↓	Stage	W	Brown/tan	—	

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XRF Screening Field Sheet

Site name:	Project:	Date:	Inspector:
Montvale School	2034028.88 -30.04	10/31	Chris Atwell

Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	A	1	↓	DF	W	tan	—	
	A	1	↓	DC	W	tan	—	
	A	1		D	W	tan	—	
	A	1	5th G.C.R(1)	Walls	W	tan	—	not safe near windows; floor crumbling
	A	1	↓	D	W	tan	—	
	A	1	↓	DF	W	tan	—	
	A	1	5th G.C.R(2)	Walls	W	tan	—	↓
	A	1	↓	D	W	tan	—	
	A	1	↓	DF	W	tan/green	—	
	A	1	Wait room and office (map not up to date)	D	W	tan/Green	—	
	A	1	↓	DF	W	tan/green	—	
	A	1	↓ F1	WC	W	White	—	
	A	1	↓	Walls	W	White	—	
	A	1	↓	WF	W	white	—	new windows
	A	1	↓	WC	W	white	—	
	A	1	Clinic	DF	W	tan	—	
	A	1	↓	D	W	Brown	—	
	A	1	↓	WF	W	tan	—	

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Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor

XRF Screening Field Sheet

Site name: Montvale School				Project: 8034028.38 -80.04		Date: 10/31		Inspector: Chris Atwell
Sample ID	Bldg	Floor	Room	Component**	Substrate*	Color	XRF Result	Comments / # of Tests
	A	1	Clinic	windowsill	W	tan	—	
	A	1	Clinic Hall	D	W	white	—	
	A	1	↓	DF	W	white	—	
	A	1	Clinic BR	Wall	DW	white	—	
	A	1	↓	D	W	white	—	
	A	1	↓	DF	W	white	—	
	A	1	Stage	Walls	W	tan/white/yellow	—	
	A	1	Stage	D	W	tan/white	—	
	A	1	↓	DF	W	tan/white	—	
	A	1	↓	floor	W	Brown	—	
	A	1	↓	partition	W	white/green/yellow	—	
	A	1	↓	steps	W	brown	—	
	A	1	Hall	Walls	W	white	—	
	A	1	Boys room	Walls	W	white	—	
	A	1	↓	D	W	white	—	
	A	1	↓	DF	W	white	—	
	A	1	4th G.C.R(2)	Walls	W	white	—	windows not safe
	A	1	↓	D	W	white	—	

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Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor

XRF Screening Field Sheet

Site name:			Project:		Date:		Inspector:
Montvale School			2034402838 - 30.04		10/31		Chris Atwell
Sample ID	**Bldg**	**Floor**	**Room**	**Component****	**Substrate***	**Color**	**XRF Result**	**Comments / # of Tests**
	A		4th G.C.R.(2)	DF	W	White	—	
	A		Kitchen	Walls	DW	white	—	
	A			D	W	tan	—	
	A			DF	C	tan	—	
	A			D	W	tan	—	
	A			Wall	DW	tan	—	
	A			WF (partition)	W	tan	—	
	A			service window	M	tan	—	
	A			Wall	C	tan	—	
	A			water pipes	M	tan	—	
	A		Hallway	walls	W	tan	—	
	A			DF	W	tan	—	

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Notes: **Component: Wi=Window, WF=Window Frame, WC=Window Casing, D=Door, DF=Door Frame, DC=Door Casing W=Wall F=Floor