AHERA - THREE YEAR REINSPECTION



SAMUEL TUCKER ES

435 FERDINAND DAY DRIVE
ALEXANDRIA, VIRGINIA 22304

ECS PROJECT NO. 47:11652-E4-20

FOR: ALEXANDRIA CITY PUBLIC SCHOOLS

SEPTEMBER 8, 2025

September 8, 2025

Mr. Lee Conroy
Alexandria City Public Schools
1720 North Beauregard Street
Alexandria, Virginia 22311

ECS Project No. 47:11652-E4-20

Reference: AHERA - Three Year Reinspection, Samuel Tucker ES, 435 Ferdinand Day Drive, Alexandria, Virginia

Dear Mr. Conroy:

ECS Mid-Atlantic, LLC (ECS) is pleased to provide Alexandria City Public Schools with the results of the above referenced AHERA - Three Year Reinspection performed at Samuel Tucker ES located at 435 Ferdinand Day Drive in Alexandria, Virginia.

Previous asbestos surveys of the school did not identify asbestos. ECS performed a cursory walk through of the school to observe present conditions.

This report summarizes our observations, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 47:39012-EP and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide Alexandria City Public Schools with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Mid-Atlantic, LLC

Adam Truax
Environmental Senior Project Manager
atruax@ecslimited.com

Christopher J. Chapman, CIH
Director of Industrial Hygiene
cchapman@ecslimited.com

540-667-3750

804-767-5102

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1.0 SITE DESCRIPTION

The subject property consists of Samuel Tucker ES, a two-story brick school building located at 435 Ferdinand Day Drive in Alexandria, Virginia. The school was originally constructed in 2000 and encompasses approximately 80,000 square feet. Building finishes observed included concrete sub-floors, vinyl floor tiles, carpet, and/or ceramic tiles; the wall systems appeared to generally consist of concrete masonry unit (CMU) block walls, drywall wallboard, and/or ceramic wall tiles; and the ceiling systems appeared to generally consist of suspended drop ceilings with ceiling tiles and some plaster finishes.

At the time of the re-inspection, flooring renovations were underway in the Kindergarten through 2nd grade wing. It is unknown is supplemental asbestos testing was performed in support of this renovation.

2.0 PURPOSE

Previous asbestos surveys of the school did not identify asbestos. ECS performed a cursory walk through of the school to observe present conditions.

3.0 METHODOLOGY

ECS performed the authorized Scope of Services in general accordance with our proposal, standard industry practice(s) and methods specified by regulation(s) for the identification of Asbestos-Containing Materials (ACMs).

3.1 Asbestos Re-Inspection

The AHERA re-inspection survey was performed by David Stambaugh, a Virginia licensed asbestos inspector (license number 3303005057) who has received EPA-accredited training.

Before conducting the re-inspection, ECS reviewed existing inspection reports and then walked through areas where assumed materials were located.

The scope of work for the re-inspection included the following items:

- Review the existing management plan to determine the areas requiring re-inspection.
- Identify renovations or new materials that have been added to the building since the previous inspection.

At the request of the client, ECS did not sample additional materials during this inspection.

4.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the AHERA - Three Year Reinspection, and our findings and observations, ECS presents the following recommendations.

4.1 Asbestos-Containing Materials

For any future renovation project, a more in-depth survey should be performed for asbestos in the path of construction. Where asbestos is found, an asbestos abatement plan should be prepared by an accredited professional as outlined in AHERA prior to performing any asbestos removal work.

The results of this re-inspection survey should be added to the school's AHERA management plan.

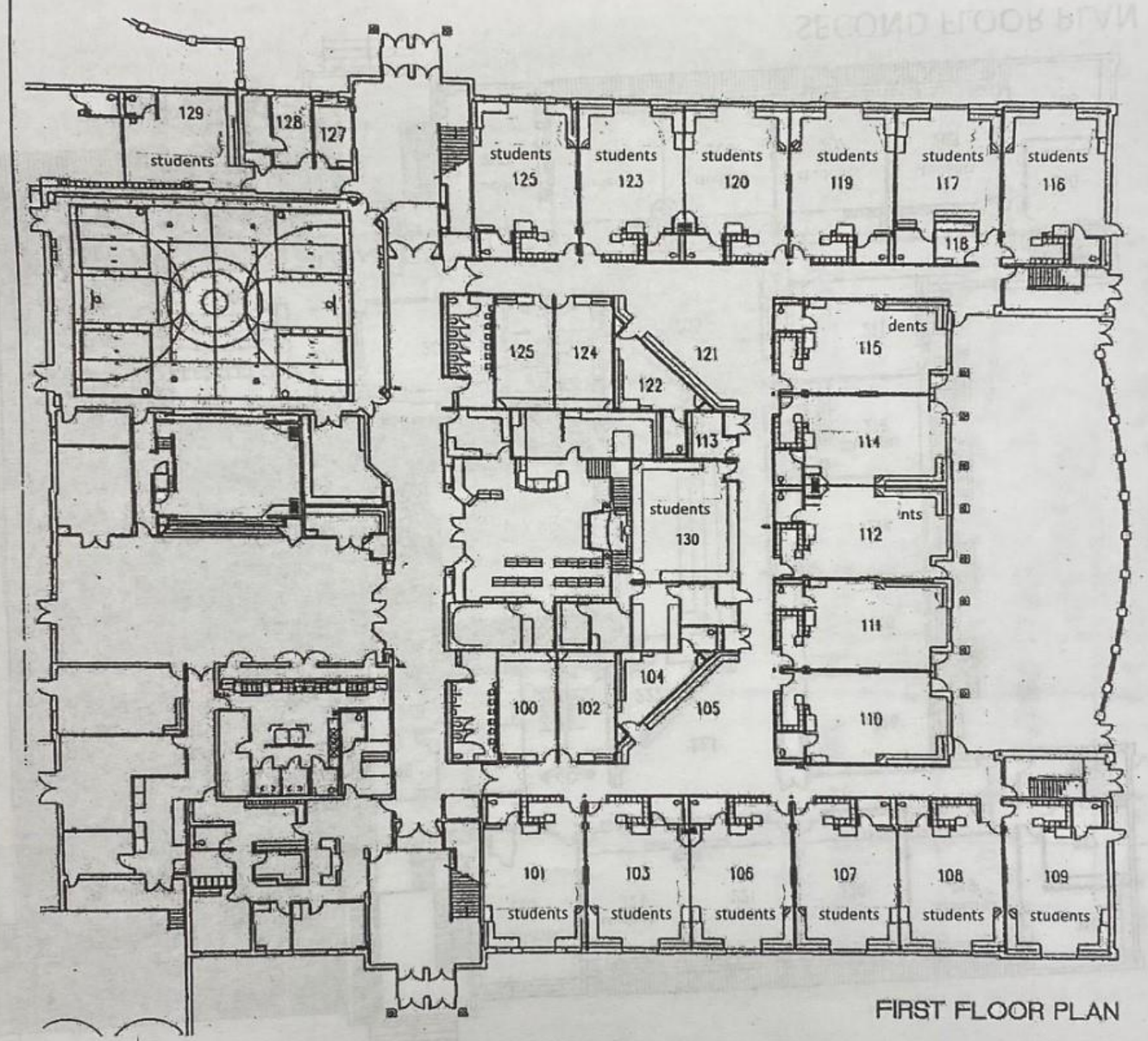
5.0 LIMITATIONS

The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

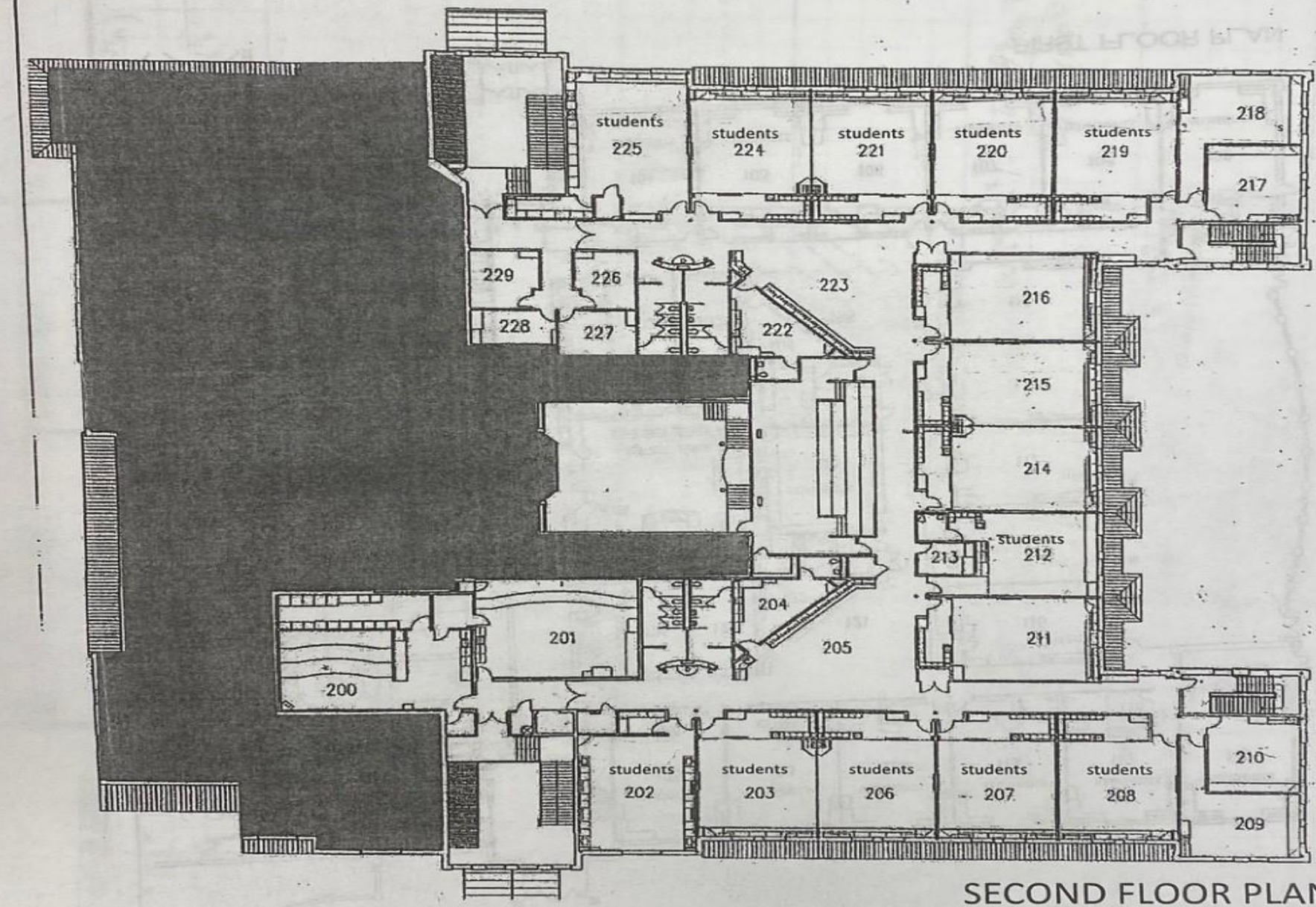
The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

Appendix I: Floor Plan



FIRST FLOOR PLAN



SECOND FLOOR PLAN

Appendix II: Certifications/ Licenses

DPOR License Lookup License Number 3303005057

License Details

Name	STAMBAUGH, DAVID
License Number	3303005057
License Description	Asbestos Inspector License
Rank	Asbestos Inspector
Address	CLEAR BROOK, VA 22624
Initial Certification Date	2023-12-19
Expiration Date	2025-12-31

The data located on this website are not the public records of the Department of Professional and Occupational Regulation (DPOR). All public records are physically located at DPOR's Public Records Section: 9960 Mayland Drive, Suite 400, Richmond, VA 23233. While DPOR works to ensure the accuracy of the data provided online, the data available on these pages are updated routinely but may not be up to date at all times (due to document processing delays, technical maintenance, etc.).

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DPOR License Lookup build 1,524 (built 2025-04-18 11:59:26).

DPOR License Lookup License Number 3304001722

License Details

Name	TRUAX, ADAM MICHAEL
License Number	3304001722
License Description	Asbestos Management Planner License
Rank	Asbestos Management Planner
Address	RANSON, WV 25438
Initial Certification Date	2023-03-30
Expiration Date	2026-03-31

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Appendix III: Previous Reports

AHERA ASBESTOS-CONTAINING MATERIALS SURVEY



SAMUEL W. TUCKER ELEMENTARY SCHOOL

435 FERDINAND DAY DRIVE
ALEXANDRIA, VIRGINIA 22304

ECS PROJECT NO. 47:11652-E2

FOR: ALEXANDRIA CITY PUBLIC SCHOOLS

MARCH 21, 2022

March 21, 2022

Mr. John Contreras
Alexandria City Public Schools
1340 Braddock Place
Alexandria, Virginia 22314
john.contreras@acps.k12.va.us

ECS Project No. 47:11652-E2

Reference: AHERA Asbestos-Containing Materials Survey, Samuel W. Tucker Elementary School, 435 Ferdinand Day Drive, Alexandria, Virginia

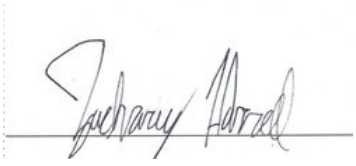
Dear Mr. Contreras:

ECS Mid-Atlantic, LLC (ECS) is pleased to provide Alexandria City Public Schools with the results of the above referenced AHERA Asbestos-Containing Materials Survey performed at Samuel W. Tucker Elementary School located at 435 Ferdinand Day Drive in Alexandria, Virginia. This report summarizes our observations, analytical results, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 47:16069-EP and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide Alexandria City Public Schools with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Mid-Atlantic, LLC



Zach Harrell
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EXECUTIVE SUMMARY

Samuel W. Tucker Elementary School is a 2-story brick school building located at 435 Ferdinand Day Drive, in Alexandria, Virginia. The subject property is improved with a 80,000 square foot, school building reportedly originally constructed in 2000.

The purpose of the survey was to determine if asbestos-containing building materials (ACBMs) present on the subject property. The survey was performed within interior areas of the school building excluding the roofs and exterior materials. This survey is intended to provide a supporting document for an Asbestos Hazard Emergency Response Act (AHERA) management plan.

Based on the laboratory analysis of the bulk samples collected during the survey, none of the sampled materials were reported to contain asbestos.

Based on a review of historical documentation, none of the sampled materials were previously identified as asbestos-containing.

Recommendations regarding the removal and disposal of the ACMs identified by ECS can be found in Section 5.0 of this report. The executive summary is an integral portion of this report, however, ECS recommends the report be read in its entirety.

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1.0 SITE DESCRIPTION

The subject property consists of Samuel W. Tucker, a 2-story brick school building located at 435 Ferdinand Day Drive, in Alexandria, Virginia. The school was originally constructed in 2000 and encompasses approximately 80,000 square feet. Building finishes observed included concrete sub-floors, vinyl floor tiles, carpet, and/or ceramic tiles; the wall systems appeared to generally consist of concrete masonry unit (CMU) block walls, drywall wallboard, and/or ceramic wall tiles; and the ceiling systems appeared to generally consist of suspended drop ceilings with ceiling tiles and some plaster finishes.

2.0 PURPOSE

The purpose of this Asbestos Hazard Emergency Response Act (AHERA) re-inspection asbestos-containing materials survey was to determine if asbestos-containing building materials (ACBMs) are present on the subject property. The survey was performed within interior areas of the subject buildings. Exterior and roofing materials were not included in this survey. This survey is intended to provide a supporting document for an AHERA management plan.

The AHERA requires all public and private schools to survey school buildings and associated support school buildings for ACMs, and to prepare management plans for identified ACMs.

3.0 METHODOLOGY

ECS performed the authorized Scope of Services in general accordance with our proposal, standard industry practice(s) and methods specified by regulation(s) for the identification of Asbestos-Containing Materials (ACMs).

3.1 Asbestos-Containing Materials

The non-destructive asbestos survey was performed by asbestos inspectors who have received EPA accredited training and is licensed by Virginia. Samples of suspect ACMs were collected utilizing hand tools and placed into individual, labeled plastic bags. Unique bulk suspect ACM samples were submitted to Scientific Analytical Institute, Inc. in Greensboro, North Carolina for analysis via Polarized Light Microscopy (PLM) in accordance with current EPA-600 methodology. Materials consisting of additional layers were analyzed separately. Scientific Analytical Institute, Inc. is listed as an accredited laboratory by the National Voluntary Laboratory Accreditation Plan (NVLAP) managed by the National Institute of Standards and Technology (NIST) for bulk sample analysis by currently approved EPA methodology by PLM.

During the survey, ECS attempted to identify suspect ACMs in readily accessible areas. However, due to the destructive means required to identify some materials, certain areas were deemed inaccessible (i.e. behind walls or sub grade materials) and were not surveyed for suspect ACMs. Occupied classrooms, select inaccessible closets, the kitchen, and roofs. Unidentified suspect ACMs may be located in these and/or other inaccessible areas. It is important to note that due to the COVID-19 pandemic, extra precautions were taken in order to avoid contact with students and staff, increasing the number of areas deemed inaccessible.

Samples were collected in general accordance with EPA Standard 40 CFR 763 Subpart E, Asbestos Hazard Emergency Response Act (AHERA) and OSHA Standard 29 CFR 1926.1101 Inspection Protocol. Multiple samples of each unique material were submitted. Samples were analyzed using "Positive Stop" methodology. If one sample of a homogeneous material is reported to contain asbestos, the remaining samples of that material are not analyzed. EPA regulations stipulate that if one sample contains asbestos the entire quantity of that material contains asbestos, regardless of additional analysis.

4.0 RESULTS

The following is a summary of laboratory results, findings and observations.

4.1 Asbestos-Containing Materials

An Asbestos-Containing Material (ACM) is defined as any material containing more than one percent (>1%) asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, PLM. Materials are categorized by the U.S. EPA in the following categories:

- Friable ACMs are defined as any ACM that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure.
- Non-friable ACMs are defined as any ACM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
    - Category I non-friable ACM are listed as following: packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than one percent (>1%) asbestos.
    - Category II non-friable ACM are listed as any material, excluding Category I non-friable ACM, containing more than one percent (>1%) asbestos.

Regulated Asbestos Containing Materials (RACM) are friable ACM or non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or has crumbled, been pulverized, or reduced to powder in the course of renovation and/or demolition operations.

AHERA requires identified asbestos-containing building materials (ACBMs) to be categorized by a trained AHERA inspector into the following categories:

• (1) Damaged or significantly damaged thermal system insulation ACBM.
• (2) Damaged friable surfacing ACBM.
• (3) Significantly damaged friable surfacing ACBM.
• (4) Damaged or significantly damaged friable miscellaneous ACBM.
• (5) ACBM with potential for damage.
• (6) ACBM with potential for significant damage.
• (7) Any remaining friable ACBM or friable suspected ACBM.

Definitions for the above-referenced categories can be found in the Appendices.

Scientific Analytical Institute, Inc. submitted a signed final laboratory report to ECS on November 10, 2020 and January 27, 2021. Three of the bulk samples submitted for analysis were reported to contain asbestos in detectable concentrations. These materials are summarized below. A complete list of the sampled materials submitted for analysis and sample locations are located in the Appendix of this report. Additional details regarding the overall locations of the materials identified as asbestos-containing are provided further in the report. Photographs of collected samples reported as asbestos-containing are also located in the Appendix of this report.

In total, 76 bulk samples from homogeneous areas were submitted to the laboratory of which 107 layers were analyzed.

Summary of Non Asbestos-Containing Materials Identified

Location	Material Description	Analytical Results
Materials Sampled in 2021 AHERA Survey		
Main office- records room	4" beige cove base with yellow mastic	Both NAD
Main office- records room	12" x 12" blue with white speck floor tile with associated white mastic	Both NAD
Main office- hallway	4" blue cove base with associated yellow mastic	Both NAD
Main office- records room, Main office- hallway, Extended learning area- 105, 121, 205 & 223	Drywall Wallboard	NAD
Main office hallway	Joint Compound	NAD
Main office- conference room	2'x2' pinhole and fissures ceiling tile	NAD
Main office pantry, Teachers lounge, 104, 112, 204, 222, and extended learning area 205	Black sink undercoating	NAD
100 Classroom Hallway	12" x 12" Multiple shades of tan floor tile with associated mastic	Both NAD
100 Classroom Hallway	12" x 12" Light blue floor tile with streaks and associated mastic	Both NAD
Stairwell No. 1	Blue vinyl stair tread with associated yellow mastic	Both NAD
Stairwell No. 2 & 3	Green vinyl stair tread with associated yellow mastic	Both NAD

Location	Material Description	Analytical Results
Stairwell No. 1 & 2	White stair tread stringer caulk	NAD
Cafeteria- Faculty Dining	12" x 12" Brown with multi-colored specks with associated mastic	Both NAD
Cafeteria- Faculty Dining	12" X 12" Cobalt Blue with blue shaded specks	Both NAD
Gym	4" black wall and floor angled cove base with associated yellow mastic	Both NAD
2nd Floor Custodial Closet- Next to Stairwell No. 3	White thermal system insulation wrap on yellow pipe insulation	NAD
Classrooms 101 & 125	12" x 12" Teal streaked floor tile	Both NAD
Main office- conference room, Teachers Lounge- 104 & 222	2' x 4' Ceiling tile with large fissures and pinholes	NAD
Main office- conference room, Teachers Lounge- 104 & 222	2' x 4' Ceiling tile with small fissures and pinholes	NAD
Extended learning areas- 105, 121, & 205	2' x 2' Rough finish ceiling tile	NAD
Mechanical Room (1st FL near Café Serving Station)	White insulation with brown and metallic paper wrap and associated mastic (damaged)	Both NAD
Gym	Blue Acoustic Panels	NAD
Main office- conference room, Outside classroom Classrooms- 108, 117, 208, 219, 229, and Stairwell No.1	Beige Interior Window Caulk	NAD
Notes: **NAD = No Asbestos Detected** **Locations reflect the area in which the material was sampled. These materials may be representative of and located in other homogenous areas throughout the school.**		

4.2 Suspect or Assumed Asbestos-Containing Materials

Due to the inaccessibility or the destructive means that asbestos sampling requires, additional suspect ACMs may remain within the building hidden behind inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, sub-grade sealants, flooring located below underlayments, areas behind exterior walls, pipe trenches, and subsurface utilities, etc. These areas were deemed inaccessible and were not assessed.

If these materials are discovered during construction activities, they should be presumed to contain asbestos and be treated as ACMs or be sampled immediately upon discovery and prior to disturbance for asbestos content by a certified asbestos inspector in accordance with 29 CFR 1926.1101.

Based upon our past experience in the identification of ACMs in similarly constructed buildings, the following additional suspect ACMs may also be located in inaccessible areas of the structure:

- **Stage Curtains**
- **Floor tiles** that were unable to be a sampled due to the destructive means of this survey
- **Boilers Components** in boilers (gasket, fire brick, etc.)
- **Vermiculite Filler** associated with Concrete Masonry Unit (Blocks/Walls)
- **Duct Pin Mastic** associated with the HVAC Units
- **Elevator Components**
- **Electrical Panels Asbestos Cement Components** in electrical systems
- **Fire Door and associated Casing Insulation** in locations requiring a rated fire door and door casing
- **Mastics or Cement Boards** associated with Baseboard Heaters/Radiator Components/Wall Mounted Fan Coil Units in and/or behind Radiators/Baseboards
- **Mastics** behind/under mirrors
- **Water Fountain Components** in water fountains (mastics, pipe cloth, etc)
- **Waterproofing Membrane/Mastics/Vapor Barriers/Sub-grade Pipe Conduit** within exterior wall cavities, behind interior finishes, exterior veneer and/or subgrade walls

5.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the AHERA Asbestos-Containing Materials Survey, the results of laboratory analysis, and our findings and observations, ECS presents the following recommendations.

5.1 Asbestos-Containing Materials

None of the bulk samples submitted to Scientific Analytical Institute, Inc. were reported to contain detectable concentrations of asbestos. If additional suspect asbestos-containing materials are uncovered which were not accessible during this sampling event, it is recommended that these materials be sampled or tested immediately upon discovery for asbestos content by an asbestos inspector in accordance with 29 CFR 1926.1101.

Suspect ACMs not observed due to inaccessibility or not sampled due to the destructive means that sampling would require may also be encountered during construction activities. At the time of the survey, only limited destructive means were used to locate or sample suspect ACMs; therefore, additional suspect ACMs may remain within inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, exterior areas, sub-grade sealants, flooring located below underlayments, vapor barriers, pipe trenches and other subsurface utilities, etc. If additional suspect ACMs are uncovered which were not accessible during this survey, it is

recommended that these materials either be assumed to contain asbestos or be sampled prior to disturbance upon discovery for asbestos content by an asbestos inspector in accordance with 29 CFR 1926.1101.

The results of this survey should be added to the school's management plan.

6.0 LIMITATIONS

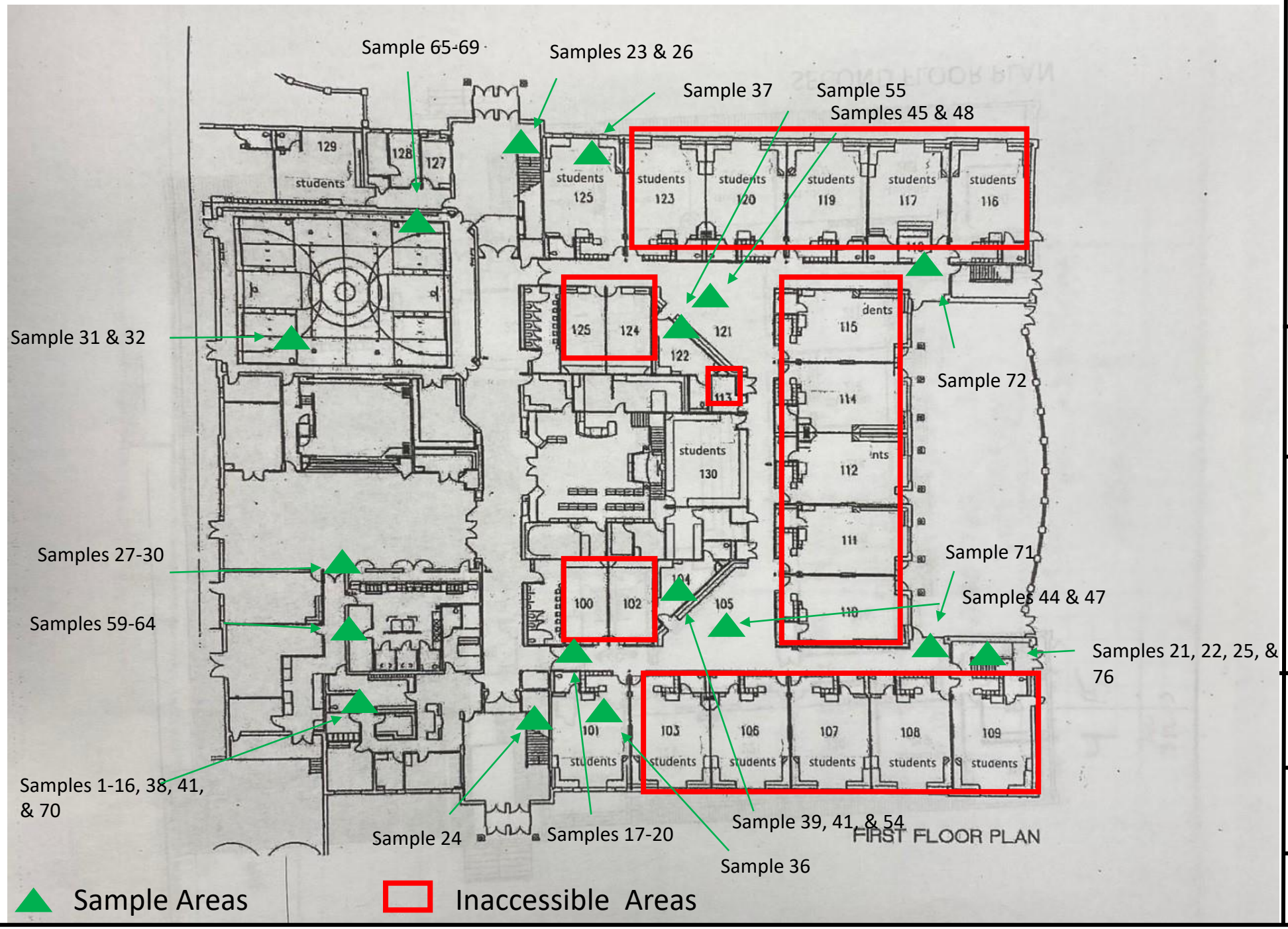
The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

During this study, samples were submitted for analysis at an accredited laboratory via polarized light microscopy. As with any similar survey of this nature, actual conditions exist only at the precise locations from which samples were collected. Certain inferences are based on the results of this sampling and related testing to form a professional opinion of conditions in areas beyond those from which the samples were collected. No warranty, expressed or implied, is made.

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

Appendix I: Figures



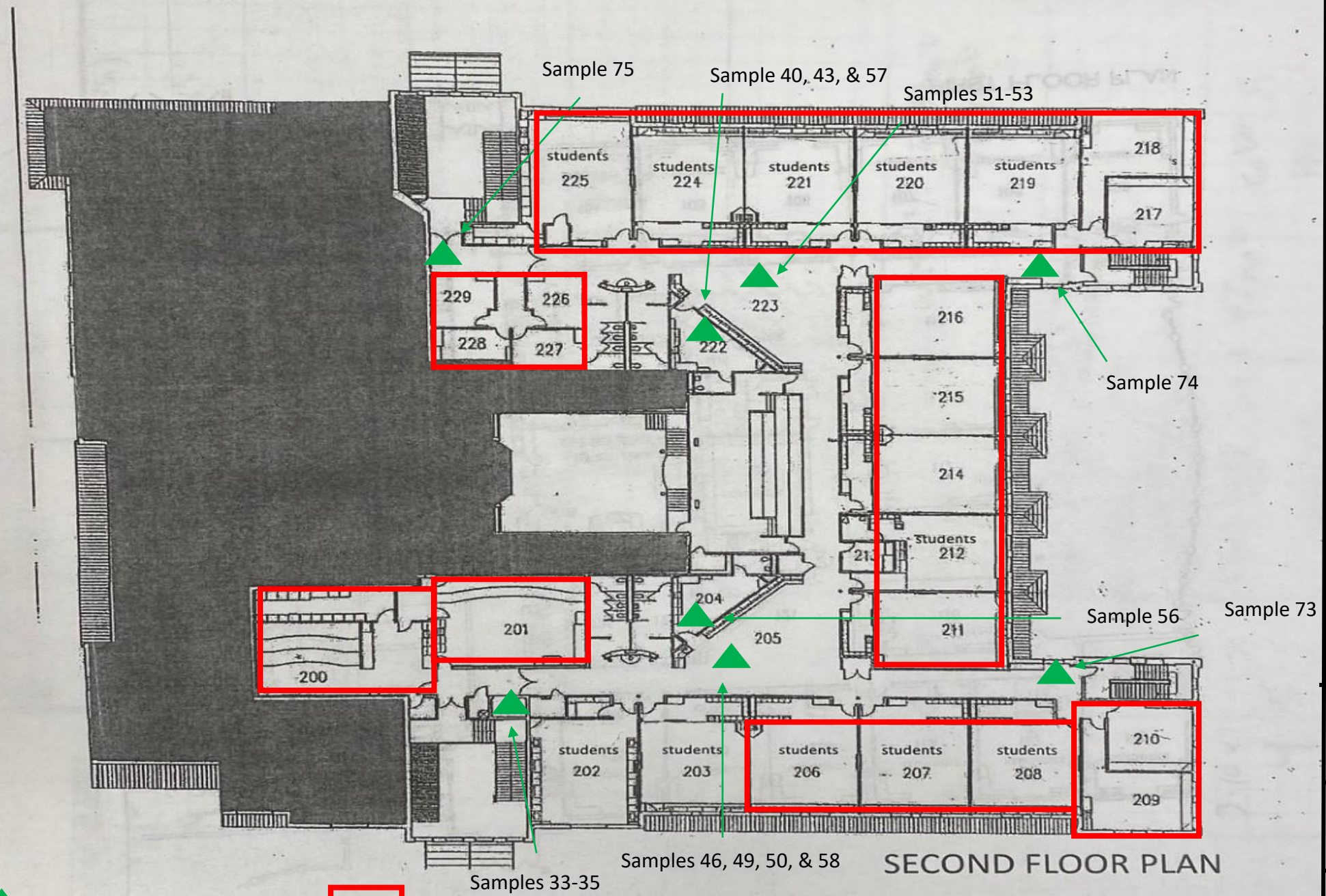
Samuel W. Tucker Elementary School
435 Ferdinand Day Drive,
Alexandria, Virginia, 22304

Sample Location Sketch
First Floor

Scale :NTS

Project No.
11652-E2

Site Visit:
11/10/21



Samuel W. Tucker Elementary School
435 Ferdinand Day Drive,
Alexandria, Virginia, 22304

Sample Location Sketch
Second Floor

Scale :NTS

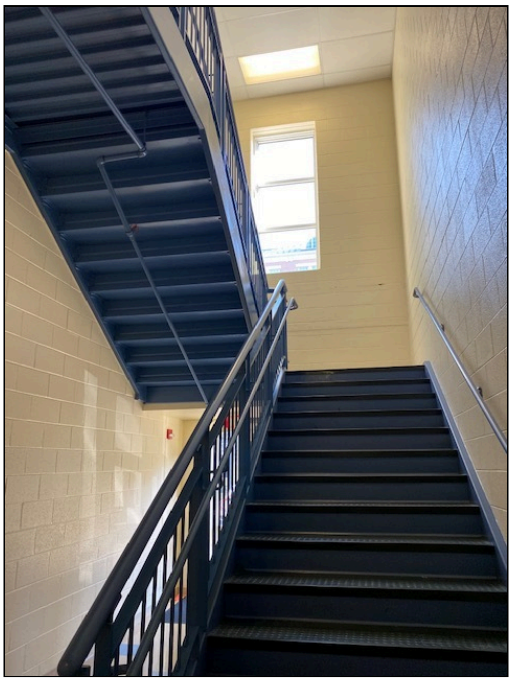
Project No.
11652-E2

Site Visit:
11/10/21

Appendix II: Site Photographs



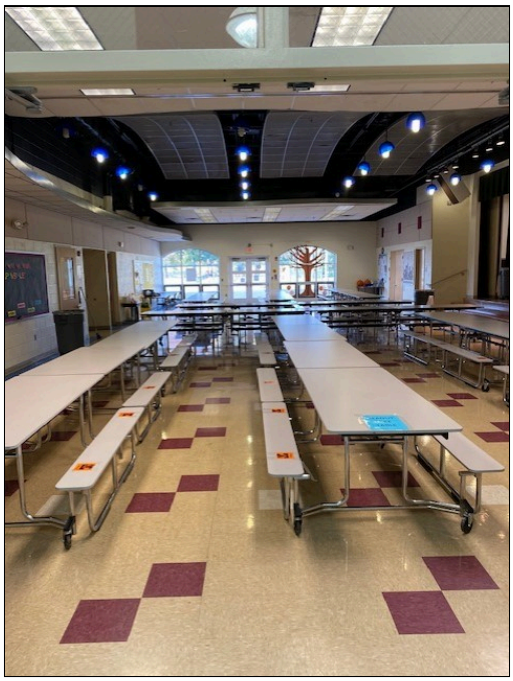
1 - View of main hallway



2 - View of stairwell no.1



3 - View of hallway and extended learning area 105



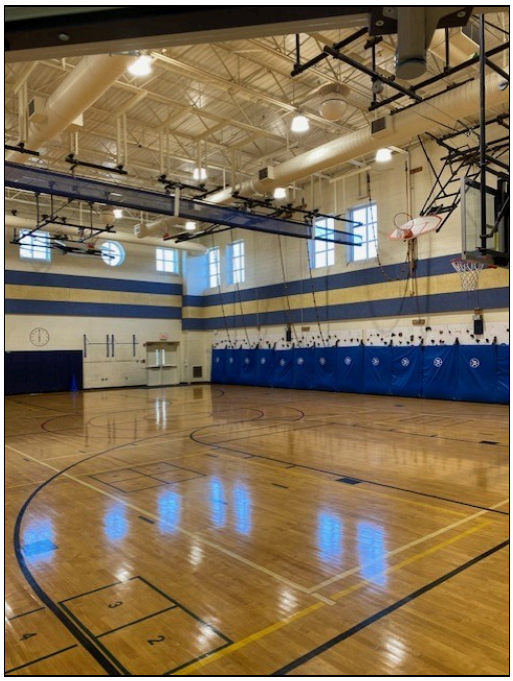
4 - View of cafeteria



5 - View of cafeteria serving area



6 - View of electric closet



7 - View of gym



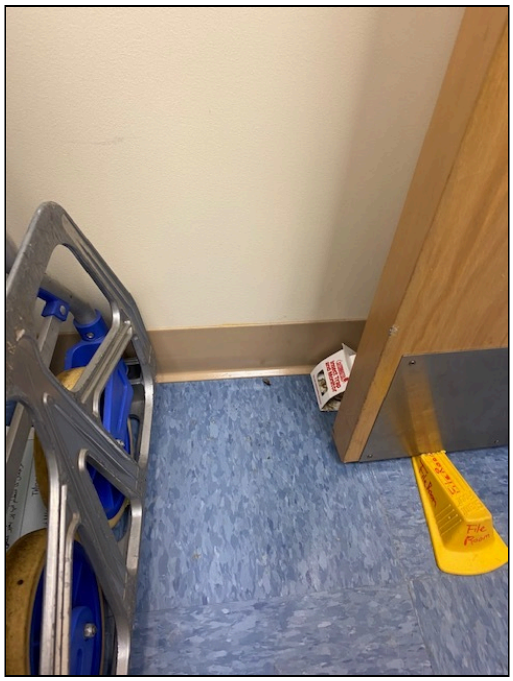
8 - View of library entrance



9 - View of 12x12 brown floor tile with multi-colored flecks



10 - View of black stage curtain tag



11 - View of 12x12 blue floor tile beige cove base in records room



12 - View of damaged thermal system pipe insulation



13 - View of green curtain tag



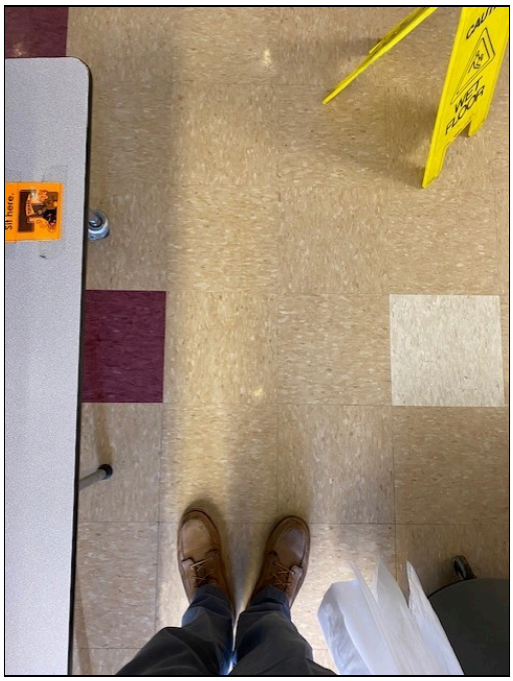
14 - View of gym and acoustic panels



15 - View of hallway floor tile beige, black and tan



16 - View of mechanical closet thermal system pipe insulation



17 - View of multiple floor tiles in classrooms



18 - View of rough finish ceiling tile

Appendix III: Asbestos Bulk Sample Results

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING NVLAP LAB CODE 200664-0

AIHA ACCREDITED LABS.ORG Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA Samuel W. Tucker Elementary School Survey

Lab Order ID: 71979343
Analysis ID: 71979343_PLM
Date Received: 11/12/2021
Date Reported: 11/23/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
1 - A	4" beige cove base with yellow mastic	None Detected		100% Other	Beige Non Fibrous Homogeneous
71979343PLM_1	*cove base*				Dissolved
1 - B	4" beige cove base with yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_77	*mastic*				Dissolved
2 - A	4" beige cove base with yellow mastic	None Detected		100% Other	Beige Non Fibrous Homogeneous
71979343PLM_2	*cove base*				Dissolved
2 - B	4" beige cove base with yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_78	*mastic*				Dissolved
3	12" x 12" blue with white speck floor tile with associated white mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979343PLM_3	*tile only*				Dissolved
4	12" x 12" blue with white speck floor tile with associated white mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979343PLM_4	*tile only*				Dissolved
5 - A	4" blue cove base with associated yellow mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979343PLM_5	*cove base*				Dissolved
5 - B	4" blue cove base with associated yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_79	*mastic*				Dissolved

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Charmel Dozier (99)

Analyst

Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING NVLAP LAB CODE 200664-0

AIHA ACCREDITED LABS.ORG Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA Samuel W. Tucker Elementary School Survey

Lab Order ID: 71979343
Analysis ID: 71979343_PLM
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Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
6 - A	4" blue cove base with associated yellow mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979343PLM_6	*cove base*				Dissolved
6 - B	4" blue cove base with associated yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_80	*mastic*				Dissolved
7	Drywall Wallboard	None Detected	15% Cellulose	85% Other	White Fibrous Homogeneous
71979343PLM_7					Crushed
8	Drywall Wallboard	None Detected	15% Cellulose	85% Other	White Fibrous Homogeneous
71979343PLM_8					Crushed
9	Joint Compound	None Detected	15% Cellulose	85% Other	White Fibrous Homogeneous
71979343PLM_9	*drywall with paint only*				Crushed
10	Joint Compound	None Detected	15% Cellulose	85% Other	White Fibrous Homogeneous
71979343PLM_10	*drywall with paint only*				Crushed
11	Drywall Wallboard	None Detected	15% Cellulose	85% Other	White Fibrous Homogeneous
71979343PLM_11					Crushed
12	Drywall Wallboard	None Detected	15% Cellulose	85% Other	White Fibrous Homogeneous
71979343PLM_12					Crushed

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Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
13 *71979343PLM_13*	2'x2' pinhole and fissures ceiling tile	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
14 *71979343PLM_14*	2'x2' pinhole and fissures ceiling tile	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
15 *71979343PLM_15*	Black sink undercoating	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous Dissolved
16 *71979343PLM_16*	Black sink undercoating	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous Dissolved
17 *71979343PLM_17*	12" x 12" Multiple shades of tan floor tile with associated mastic *tile only*	**None Detected**		**100% Other**	Beige Non Fibrous Homogeneous Dissolved
18 *71979343PLM_18*	12" x 12" Multiple shades of tan floor tile with associated mastic *tile only*	**None Detected**		**100% Other**	Beige Non Fibrous Homogeneous Dissolved
19 - A *71979343PLM_19*	12" x 12" Light blue floor tile with streaks and associated mastic *tile*	**None Detected**		**100% Other**	Green Non Fibrous Homogeneous Dissolved
19 - B *71979343PLM_81*	12" x 12" Light blue floor tile with streaks and associated mastic *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved

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Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
20 - A	12" x 12" Light blue floor tile with streaks and associated mastic	None Detected		100% Other	Green Non Fibrous Homogeneous
71979343PLM_20	*tile*				Dissolved
20 - B	12" x 12" Light blue floor tile with streaks and associated mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_82	*mastic*				Dissolved
21 - A	Blue vinyl stair tread with associated yellow mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979343PLM_21	*tread*				Dissolved
21 - B	Blue vinyl stair tread with associated yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_83	*mastic*				Dissolved
22 - A	Blue vinyl stair tread with associated yellow mastic	None Detected		100% Other	Blue Non Fibrous Homogeneous
71979343PLM_22	*tread*				Dissolved
22 - B	Blue vinyl stair tread with associated yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_84	*mastic*				Dissolved
23 - A	Green vinyl stair tread with associated yellow mastic	None Detected		100% Other	Green Non Fibrous Homogeneous
71979343PLM_23	*tread*				Dissolved
23 - B	Green vinyl stair tread with associated yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71979343PLM_85	*mastic*				Dissolved

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Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
24 - A *71979343PLM_24*	Green vinyl stair tread with associated yellow mastic *tread*	**None Detected**		**100% Other**	Green Non Fibrous Homogeneous Dissolved
24 - B *71979343PLM_86*	Green vinyl stair tread with associated yellow mastic *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
25 *71979343PLM_25*	White stair tread stringer caulk	**None Detected**		**100% Other**	White Non Fibrous Homogeneous Dissolved
26 *71979343PLM_26*	White stair tread stringer caulk	**None Detected**		**100% Other**	White Non Fibrous Homogeneous Dissolved
27 *71979343PLM_27*	12" x 12" Brown with multi-colored specks with associated mastic *tile only*	**None Detected**		**100% Other**	Brown Non Fibrous Homogeneous Dissolved
28 *71979343PLM_28*	12" x 12" Brown with multi-colored specks with associated mastic *tile only*	**None Detected**		**100% Other**	Brown Non Fibrous Homogeneous Dissolved
29 *71979343PLM_29*	12" X 12" Cobalt Blue with blue shaded specks *tile only*	**None Detected**		**100% Other**	Blue Non Fibrous Homogeneous Dissolved
30 - A *71979343PLM_30*	12" X 12" Cobalt Blue with blue shaded specks *tile*	**None Detected**		**100% Other**	Blue Non Fibrous Homogeneous Dissolved

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Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
30 - B *71979343PLM_87*	12" X 12" Cobalt Blue with blue shaded specks *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
31 - A *71979343PLM_31*	4" black wall and floor angled cove base with associated yellow mastic *cove base*	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous Ashed
31 - B *71979343PLM_88*	4" black wall and floor angled cove base with associated yellow mastic *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
32 - A *71979343PLM_32*	4" black wall and floor angled cove base with associated yellow mastic *cove base*	**None Detected**		**100% Other**	Black Non Fibrous Homogeneous Dissolved
32 - B *71979343PLM_89*	4" black wall and floor angled cove base with associated yellow mastic *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
33 - A *71979343PLM_33*	White thermal system insulation wrap on yellow pipe insulation *wrap*	**None Detected**	**75% Cellulose**	**25% Other**	White Fibrous Homogeneous Ashed
33 - B *71979343PLM_90*	White thermal system insulation wrap on yellow pipe insulation *insulation*	**None Detected**	**98% Fiber Glass**	**2% Other**	Yellow Fibrous Homogeneous Teased
34 - A *71979343PLM_34*	White thermal system insulation wrap on yellow pipe insulation *wrap*	**None Detected**	**75% Cellulose**	**25% Other**	White Fibrous Homogeneous Ashed

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34 - B *71979343PLM_91*	White thermal system insulation wrap on yellow pipe insulation *insulation*	**None Detected**	**98% Fiber Glass**	**2% Other**	Yellow Fibrous Homogeneous Teased
35 - A *71979343PLM_35*	White thermal system insulation wrap on yellow pipe insulation *wrap*	**None Detected**	**75% Cellulose**	**25% Other**	White Fibrous Homogeneous Ashed
35 - B *71979343PLM_92*	White thermal system insulation wrap on yellow pipe insulation *insulation*	**None Detected**	**98% Fiber Glass**	**2% Other**	Yellow Fibrous Homogeneous Teased
36 - A *71979343PLM_36*	12" x 12" Teal streaked floor tile *tile*	**None Detected**		**100% Other**	Green Non Fibrous Homogeneous Dissolved
36 - B *71979343PLM_93*	12" x 12" Teal streaked floor tile *mastic*	**None Detected**		**100% Other**	Yellow Non Fibrous Homogeneous Dissolved
37 *71979343PLM_37*	12" x 12" Teal streaked floor tile *tile only*	**None Detected**		**100% Other**	Green Non Fibrous Homogeneous Dissolved
38 *71979343PLM_38*	2' x 4' Ceiling tile with large fissures and pinholes	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
39 *71979343PLM_39*	2' x 4' Ceiling tile with large fissures and pinholes	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased

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40 *71979343PLM_40*	2' x 4' Ceiling tile with large fissures and pinholes	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
41 *71979343PLM_41*	2' x 4' Ceiling tile with small fissures and pinholes	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
42 *71979343PLM_42*	2' x 4' Ceiling tile with small fissures and pinholes	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
43 *71979343PLM_43*	2' x 4' Ceiling tile with small fissures and pinholes	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
44 *71979343PLM_44*	2' x 2' Rough finish ceiling tile	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
45 *71979343PLM_45*	2' x 2' Rough finish ceiling tile	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
46 *71979343PLM_46*	2' x 2' Rough finish ceiling tile	**None Detected**	**35% Cellulose** **35% Mineral Wool**	**30% Other**	White Fibrous Homogeneous Teased
47 *71979343PLM_47*	Drywall Wallboard	**None Detected**	**15% Cellulose**	**85% Other**	White Fibrous Homogeneous Crushed

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48 *71979343PLM_48*	Drywall Wallboard	None Detected	35% Cellulose 35% Mineral Wool	30% Other	White Fibrous Homogeneous Teased
49 *71979343PLM_49*	Drywall Wallboard	None Detected	35% Cellulose 35% Mineral Wool	30% Other	White Fibrous Homogeneous Teased
50 *71979343PLM_50*	Drywall Wallboard	None Detected	35% Cellulose 35% Mineral Wool	30% Other	White Fibrous Homogeneous Teased
51 *71979343PLM_51*	Drywall Wallboard	None Detected	35% Cellulose 35% Mineral Wool	30% Other	White Fibrous Homogeneous Teased
52 *71979343PLM_52*	Drywall Wallboard	None Detected	35% Cellulose 35% Mineral Wool	30% Other	White Fibrous Homogeneous Teased
53 *71979343PLM_53*	Drywall Wallboard	None Detected	35% Cellulose 35% Mineral Wool	30% Other	White Fibrous Homogeneous Teased
54 *71979343PLM_54*	Black sink undercoating	None Detected		100% Other	Black Non Fibrous Homogeneous Dissolved
55 *71979343PLM_55*	Black sink undercoating	None Detected		100% Other	Black Non Fibrous Homogeneous Dissolved

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56 *71979343PLM_56*	Black sink undercoating	None Detected		100% Other	Black Non Fibrous Homogeneous Dissolved
57 *71979343PLM_57*	Black sink undercoating	None Detected		100% Other	Black Non Fibrous Homogeneous Dissolved
58 *71979343PLM_58*	Black sink undercoating	None Detected		100% Other	Black Non Fibrous Homogeneous Dissolved
59 - A *71979343PLM_59*	Yellow insulation with white paper wrap and associated mastic (damaged) *wrap*	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous Ashed
59 - B *71979343PLM_94*	Yellow insulation with white paper wrap and associated mastic (damaged) *insulation*	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous Teased
60 - A *71979343PLM_60*	Yellow insulation with white paper wrap and associated mastic (damaged) *wrap*	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous Ashed
60 - B *71979343PLM_95*	Yellow insulation with white paper wrap and associated mastic (damaged) *insulation*	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous Teased
61 - A *71979343PLM_61*	Yellow insulation with white paper wrap and associated mastic (damaged) *wrap*	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous Ashed

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Date Reported: 11/23/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
61 - B *71979343PLM_96*	Yellow insulation with white paper wrap and associated mastic (damaged) *insulation*	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous Teased
62 - A *71979343PLM_62*	White insulation with brown and metallic paper wrap and associated mastic (damaged) *wrap*	None Detected	70% Cellulose	30% Other	Brown Fibrous Homogeneous Teased
62 - B *71979343PLM_97*	White insulation with brown and metallic paper wrap and associated mastic (damaged) *insulation*	None Detected	98% Fiber Glass	2% Other	White Fibrous Homogeneous Teased
63 - A *71979343PLM_63*	White insulation with brown and metallic paper wrap and associated mastic (damaged) *wrap*	None Detected	70% Cellulose	30% Other	Brown Fibrous Homogeneous Teased
63 - B *71979343PLM_98*	White insulation with brown and metallic paper wrap and associated mastic (damaged) *insulation*	None Detected	98% Fiber Glass	2% Other	White Fibrous Homogeneous Teased
64 - A *71979343PLM_64*	White insulation with brown and metallic paper wrap and associated mastic (damaged) *wrap*	None Detected	70% Cellulose	30% Other	Brown Fibrous Homogeneous Teased
64 - B *71979343PLM_99*	White insulation with brown and metallic paper wrap and associated mastic (damaged) *insulation*	None Detected	98% Fiber Glass	2% Other	White Fibrous Homogeneous Teased
65 *71979343PLM_65*	Blue Acoustic Panels	None Detected	85% Cellulose	15% Other	Blue Fibrous Homogeneous Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (99)

Analyst

Approved Signatory

P-F-002 r15 1/16/2021

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING NVLAP LAB CODE 200664-0

INDUSTRIAL HYGIENE ISO/IEC 17025:2017 Accredited Laboratory AIHA LAP, LLC AIHAACCREDITEDLABS.ORG Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA Samuel W. Tucker Elementary School Survey

Lab Order ID: 71979343
Analysis ID: 71979343_PLM
Date Received: 11/12/2021
Date Reported: 11/23/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
66 *71979343PLM_66*	Blue Acoustic Panels	None Detected	85% Cellulose	15% Other	Blue Fibrous Homogeneous Crushed
67 *71979343PLM_67*	Blue Acoustic Panels	None Detected	85% Cellulose	15% Other	Blue Fibrous Homogeneous Crushed
68 *71979343PLM_68*	Blue Acoustic Panels	None Detected	85% Cellulose	15% Other	Blue Fibrous Homogeneous Crushed
69 *71979343PLM_69*	Blue Acoustic Panels	None Detected	85% Cellulose	15% Other	Blue Fibrous Homogeneous Crushed
70 *71979343PLM_70*	Beige Window Caulk	None Detected		100% Other	Beige Non Fibrous Homogeneous Dissolved
71 *71979343PLM_71*	Beige Window Caulk	None Detected		100% Other	Beige Non Fibrous Homogeneous Dissolved
72 *71979343PLM_72*	Beige Window Caulk	None Detected		100% Other	Beige Non Fibrous Homogeneous Dissolved
73 *71979343PLM_73*	Beige Window Caulk	None Detected		100% Other	Beige Non Fibrous Homogeneous Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (99)

Analyst

Approved Signatory

P-F-002 r15 1/16/2021

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING
NVLAP LAB CODE 200664-0

Lab ID # 173190

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Suite 100
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: 11652-E2/ AHERA Samuel W. Tucker Elementary School Survey

Lab Order ID: 71979343
Analysis ID: 71979343_PLM
Date Received: 11/12/2021
Date Reported: 11/23/2021

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
74	Beige Window Caulk	None Detected		100% Other	Beige Non Fibrous Homogeneous
71979343PLM_74					Dissolved
75	Beige Window Caulk	None Detected		100% Other	Beige Non Fibrous Homogeneous
71979343PLM_75					Dissolved
76	Beige Window Caulk	None Detected		100% Other	Beige Non Fibrous Homogeneous
71979343PLM_76					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (99)

Analyst

Approved Signatory

7197943

Client:	ECS Mid-Atlantic, LLC	***Instructions:***
Contact:	Lauren Kesslak	*Use Column "B" for your contact info*
Address:	14026 Thunderbolt Place, Suite	
Phone:	(703)-471-8400	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	Lkesslak@ecslimited.com	
Project:	11652-E2/ AHERA Samuel W. Tuck	***Enter samples between "<<" and ">>" Begin Samples with a "<< "above the first sample and end with a ">>" below the last sample.***
Client Notes:		*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	11652-E2/ AHERA Samuel W. Tuck	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	11/10/2021 0:00	
Analysis:	PLM EPA 600/R-93/116	
TurnAroundTime:	3-Day	

Scientific Analytical Institute

4604 Dundas Drive
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sallab.com

Sample Number	Data 1	Sample Description	Data 2
<<			
1		4" beige cove base with yellow mastic	Main office- records room
2		4" beige cove base with yellow mastic	Main office- records room
3		12" x 12" blue with white speck floor tile with associated white mastic	Main office- records room
4		12" x 12" blue with white speck floor tile with associated white mastic	Main office- records room
5		4" blue cove base with associated yellow mastic	Main office- hallway
6		4" blue cove base with associated yellow mastic	Main office- hallway
7		Drywall Wallboard	Main office- hallway
8		Drywall Wallboard	Main office- hallway
9		Joint Compound	Main office- hallway
10		Joint Compound	Main office- hallway
11		Drywall Wallboard	Main office- records room
12		Drywall Wallboard	Main office- records room
13		2'x2' pinhole and fissures ceiling tile	Main office- conference room
14		2'x2' pinhole and fissures ceiling tile	Maine office- conference room
15		Black sink undercoating	Main office pantry
16		Black sink undercoating	Main office pantry
17		12" x 12" Multiple shades of tan floor tile with associated mastic	100 Classroom Hallway
18		12" x 12" Multiple shades of tan floor tile with associated mastic	100 Classroom Hallway
19		12" x 12" Light blue floor tile with streaks and associated mastic	100 Classroom Hallway
20		12" x 12" Light blue floor tile with streaks and associated mastic	100 Classroom Hallway
21		Blue vinyl stair tread with associated yellow mastic	Stairwell No. 1
22		Blue vinyl stair tread with associated yellow mastic	Stairwell No. 1
23		Green vinyl stair tread with associated yellow mastic	Stairwell No. 2 & 3
24		Green vinyl stair tread with associated yellow mastic	Stairwell No. 2 & 3
25		White stair tread stringer caulk	Stairwell No. 1 & 2
26		White stair tread stringer caulk	Stairwell No. 1 & 2
27		12" x 12" Brown with multi-colored specks with associated mastic	Cafeteria- Faculty Dining
28		12" x 12" Brown with multi-colored specks with associated mastic	Cafeteria- Faculty Dining
29		12" X 12" Cobalt Blue with blue shaded specks	Cafeteria- Faculty Dining
30		12" X 12" Cobalt Blue with blue shaded specks	Cafeteria- Faculty Dining
31		4" black wall and floor angled cove base with associated yellow mastic	Gym
32		4" black wall and floor angled cove base with associated yellow mastic	Gym
33		White thermal system insulation wrap on yellow pipe insulation	2nd Floor Custodial Closet- Next to Stairwell No. 3
34		White thermal system insulation wrap on yellow pipe insulation	2nd Floor Custodial Closet- Next to Stairwell No. 3
35		White thermal system insulation wrap on yellow pipe insulation	2nd Floor Custodial Closet- Next to Stairwell No. 3.
36		12" x 12" Teal streaked floor tile	Classroom 101
37		12" x 12" Teal streaked floor tile	Classroom 125
38		2' x 4' Ceiling tile with large fissures and pinholes	Main office- conference room
39		2' x 4' Ceiling tile with large fissures and pinholes	Teachers Lounge- 104
40		2' x 4' Ceiling tile with large fissures and pinholes	Teachers Lounge- 222
41		2' x 4' Ceiling tile with small fissures and pinholes	Main office- conference room
42		2' x 4' Ceiling tile with small fissures and pinholes	Teachers Lounge- 104
43		2' x 4' Ceiling tile with small fissures and pinholes	Teachers lounge- 222
44		2' x 2' Rough finish ceiling tile	Extended learning area- 105
45		2' x 2' Rough finish ceiling tile	Extended learning area- 121
46		2' x 2' Rough finish ceiling tile	Extended learning area- 205
47		Drywall Wallboard	Extended learning area- 105
48		Drywall Wallboard	Extended learning area- 121
49		Drywall Wallboard	Extended learning area- 205
50		Drywall Wallboard	Extended learning area- 205
51		Drywall Wallboard	Extended learning area- 223
52		Drywall Wallboard	Extended learning area- 223
53		Drywall Wallboard	Extended learning area- 223
54		Black sink undercoating	Teachers Lounge- 104
55		Black sink undercoating	Teachers Lounge- 122
56		Black sink undercoating	Teachers Lounge- 204
57		Black sink undercoating	Teachers Lounge- 222
58		Black sink undercoating	Extended learning area- 205
59		Yellow insulation with white paper wrap and associated mastic (damaged)	Mechanical Room (1st FL near Café Serving Station)
60		Yellow insulation with white paper wrap and associated mastic (damaged)	Mechanical Room (1st FL near Café Serving Station)
61		Yellow insulation with white paper wrap and associated mastic (damaged)	Mechanical Room (1st FL near Café Serving Station)
62		White insulation with brown and metallic paper wrap and associated mastic (damaged)	Mechanical Room (1st FL near Café Serving Station)
63		White insulation with brown and metallic paper wrap and associated mastic (damaged)	Mechanical Room (1st FL near Café Serving Station)
64		White insulation with brown and metallic paper wrap and associated mastic (damaged)	Mechanical Room (1st FL near Café Serving Station)
65		Blue Acoustic Panels	Gym
66		Blue Acoustic Panels	Gym
67		Blue Acoustic Panels	Gym
68		Blue Acoustic Panels	Gym
69		Blue Acoustic Panels	Gym
70		Beige Window Caulk	Main office- conference room
71		Beige Window Caulk	Outside Classroom- 108
72		Beige Window Caulk	Outside Classroom- 117
73		Beige Window Caulk	Outside Classroom- 208

Accepted

Relinquished By

Received By

11/12 1:30 pm

7197943

74	Beige Window Caulk	Outside Classroom- 219
75	Beige Window Caulk	Outside Classroom- 229
76	Beige Window Caulk	Outside Stairwell No. 1

<<

Relinquished By

Received By

Appendix IV: Certifications/ Licenses

DPOR License Lookup License Number 3303004832

License Details

Name	HARRELL, ZACHARY DAVID
License Number	3303004832
License Description	Asbestos Inspector License
Rank	Asbestos Inspector
Address	ARLINGTON, VA 22207
Initial Certification Date	2021-12-29
Expiration Date	2022-12-31

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

EXPIRES ON
12-31-2022

NUMBER
3309002099

BOARD FOR ASBESTOS, LEAD, AND HOME INSPECTORS
ASBESTOS PROJECT MONITOR LICENSE

ZACHARY DAVID HARRELL
1927 N CAMERON ST
ARLINGTON, VA 22207

Mary Broz-Vaughan, Director

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

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9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

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12-31-2022

NUMBER
3303004832

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DPOR-PC (02/2017)

Appendix V: AHERA ACBM and Suspect ACBM Categories Document

AHERA ACBM and Suspect ACBM Categories

(1) Damaged or significantly damaged thermal system insulation ACM:

- (1) Means thermal system insulation ACM on pipes, boilers, tanks, ducts, and other thermal system insulation equipment where the insulation has lost its structural integrity, or its covering, in whole or in part, is crushed, water stained, gouged, punctured, missing, or not intact such that it is not able to contain fibers. Damage may be further illustrated by occasional punctures, gouges or other signs of physical injury to ACM; occasional water damage on the protective coverings/jackets; or exposed ACM ends or joints. Asbestos debris originating from the ACBM in question may also indicate damage.

(2) Damaged friable surfacing ACM:

- (2) Means friable surfacing ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or which has delaminated such that its bond to the substrate (adhesion) is inadequate, or which, for any other reason, lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

(3) Significantly damaged friable surfacing ACM:

- (3) Means damaged friable surfacing ACM in a functional space where the damage is extensive and severe.

(4) Damaged or significantly damaged friable miscellaneous ACM:

- (4) Means friable miscellaneous ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that its bond to the substrate (adhesion) is inadequate or which for any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

(5) ACBM with potential for damage:

- (5) Means circumstances in which:

    - (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities.

- (2) There are indications that there is a reasonable likelihood that the material or its covering will become damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

(6) ACBM with potential for significant damage:

- (6) Means circumstances in which:

  - (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities.

  - (2) There are indications that there is a reasonable likelihood that the material or its covering will become significantly damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

  - (3) The material is subject to major or continuing disturbance, due to factors including, but not limited to, accessibility or, under certain circumstances, vibration or air erosion.

(7) Any remaining friable ACBM or friable suspected ACBM:

- (1) Means any remaining friable ACBM or friable Suspected ACBM in a building.