

**Limited Asbestos Survey
16th Floor, 16E Renovation Area
Grady Hospital
80 Jesse Hill Jr. Drive SE
Atlanta, Georgia 30303**

**Prepared for:
Grady Hospital
80 Jesse Hill Jr. Drive, SE
Atlanta, Georgia 30303**

**Prepared by:
Strategic Environmental Solutions LLC
2774 Cobb Parkway NW
Kennesaw, GA 30152**

June 2, 2022

**Limited Asbestos Survey
16th Floor – 16E Renovation Project
Grady Hospital
80 Jesse Hill Jr. Drive SE
Atlanta, Georgia 30303**

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16th Floor – 16E Renovation Project
Grady Hospital
80 Jesse Hill Jr. Drive SE
Atlanta, Georgia 30303

1.0 INTRODUCTION

At the request of Mr. Tyrone Williams, Project Manager, Facilities Development for Grady Health Systems, Ms. Pamela H. Hogue, IH of Strategic Environmental Solutions LLC performed a limited asbestos survey for the 16th Floor renovation project located at Grady Hospital, 80 Jesse Hill Jr. Drive SE, Atlanta, Georgia on May 26, 2022. The purpose of the survey was to define, identify and locate asbestos-containing materials (ACMs). The scope of the survey included the 16th floor E wing renovation area only. All areas of this space where it was reasonably accessible to the inspector were inspected with the approval given for performing limited destructive sampling. The structure is brick, wood and concrete block construction. The area was occupied at the time of the survey. Per Mr. Tyrone Williams, this area is scheduled for renovation.

No exterior samples were taken at this time as it was understood that the renovation work is with the interior space only.

2.0 METHODS AND PROCEDURES

Asbestos

The asbestos inspection and sampling in this building was performed as described in 40 CFR 763.85(a) of the U.S. Environmental Protection Agency (USEPA) AHERA (Asbestos Hazard Emergency Response Act) regulations. The individual that conducted the inspection and sampling is an accredited building inspector pursuant to the USEPA AHERA regulations, as amended by the USEPA ASHARA (Asbestos School Hazard Abatement Reauthorization Act) regulations. Documentation of current accreditation is included in Appendix D.

The inspection protocol consisted of identifying homogeneous suspect asbestos containing building materials. A homogeneous area (material) is one having the same color, texture and general appearance. The use of the material and the date of installation may further define a homogeneous material, if known. Examples of homogeneous materials found during the inspection of this area included floor tiles with their associated mastics, cove base mastic, ceiling materials, wallboard and wallboard joint compounds, plaster and other mastic materials.

As allowed under 40 CFR 763.86, inaccessible suspect materials and those where sampling would cause functional damage were assumed to be asbestos-containing. Thus, the disassembly of equipment, machinery, or utilities was not performed to access materials on in-service items. Gaskets, friction products and vibration dampeners located on in-service items should be assumed to contain asbestos until sampling and analysis is appropriate.

Additionally, if upon renovation/demolition activities any suspect asbestos-containing materials are found, they should be assumed to contain asbestos until bulk sampling and analysis are performed.

The location of each sample was recorded on a sample log. Additionally, a written description was recorded for all samples. A photograph was taken of the homogeneous materials sampled. It will be necessary for contractors submitting bids for the removal of asbestos-containing materials to verify quantities of ACMs prior to submitting any bid or estimate.

Bulk samples were extracted from suspect materials identified. Sampling was not conducted of wood, fiberglass, foam glass, rubber, concrete, cinder block, brick, or similar materials commonly recognized by the US EPA not to be suspect asbestos-containing materials. Samples were collected to include all layers where multiple layers of suspect materials were found.

Samples were submitted to Scientific Analytical Institute (SAI) in Greensboro, NC. All samples were analyzed by polarized light microscopy (PLM) with dispersion staining for the type and percent asbestos. SAI participates in the National Voluntary Laboratory Accreditation Program (NVLAP) for asbestos bulk sample analyses sponsored by the National Institute of Standards and Technology (NIST). NVLAP documentation for the laboratory is provided in Appendix D. Asbestos-containing materials are defined as having greater than one-percent asbestos by the United States Environmental Protection Agency (USEPA). The Occupational Safety and Health Administration (OSHA) regulations define that any amount of asbestos found in a material is enough to consider that material as asbestos-containing.

The EPA and OSHA regulations designate the use of the polarized light method for determining asbestos fiber identity and quantity in bulk samples of suspect asbestos containing materials. Appendix C contains the laboratory report for all samples analyzed by PLM. The results are summarized in the Homogeneous Materials Sampling Summary, Appendix A.

3.0 DISCUSSION OF FINDINGS

3.1 ASBESTOS-CONTAINING MATERIALS

A summary of identified and assumed asbestos-containing materials (ACMs) is provided in Table 1 – *Summary of Identified and Assumed ACM*. A detailed list of the identified and assumed asbestos-containing materials, plus identified non-asbestos and other materials, is provided in Appendix A.

Table 1 – Summary of Identified and Assumed Asbestos-Containing Materials

Material Description	Photo #	Location
12"x12" black floor tile with black mastic	#1	16E - Hallway
12"x12" white floor tile with black mastic	#2	16E - Hallway
12"x12" gray tile with black mastic	#3	16E - Classroom
Wallboard with red backing and joint compound	#4	16E - Hallway
TSI – piping and pipe fittings, cementitious*	#5, #6, #7, #8	Piping – mechanical room, pipe chases, behind wall materials throughout area
Note: TSI is likely to be on the piping and pipe fittings in pipe chases and behind the wall materials. Unable to verify quantity behind walls and in chases.		
Fire Doors*	#9	16E -Hallway, Offices
Vibration dampeners*	#10	16E – Mechanical room
*Presumed Asbestos-Containing Material (PACM)		

3.2 NON ASBESTOS-CONTAINING MATERIALS

The building materials in Table 2 – *Non Asbestos-Containing Materials Sampled* were sampled and found to have no asbestos detected by laboratory analyses.

Table 2 – Non Asbestos-Containing Materials Sampled

Material Description	Location
12"x12" tan floor tile with brown, gray specks with yellow mastic	16E - Offices
2'x2' drop in ceiling tile – small holes	16E – Hallway, Offices
2'x2' drop in ceiling tile – small holes, small fissures	16E – Hallway, Offices
Wallboard and joint compound	16E - Offices
Plaster – gray with white skim coat	16E – Hallway, Offices
Cove base mastic - brown	16E – Hallway, Offices
Duct mastic - white	16E – Mechanical room
Fire stop - red	16E – Mechanical room
12"x12" white floor tile with tan specks with gray, black mastics	16E - Offices

3.3 CONCLUSIONS AND RECOMMENDATIONS

Asbestos

It is Strategic Environmental Solution's understanding that the 16th Floor E wing area located at Grady Hospital, 80 Jesse Hill Jr Drive SE, Atlanta, Georgia is scheduled for renovation. The purpose of conducting the asbestos survey was to identify asbestos-containing materials, which need to be removed prior to renovation in this area where asbestos-containing materials will be disturbed.

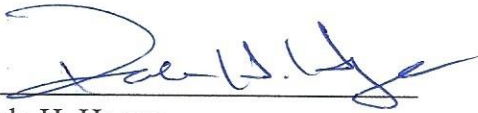
All asbestos containing materials identified in this report should be removed by a Georgia licensed asbestos abatement contractor using trained asbestos workers prior to demolition or renovation activities. The current EPA asbestos NESHAP regulations do not require certain non-friable ACMs (category I non friable ACM) to be removed prior to demolition or renovation activities if they will remain non-friable. However, the State of Georgia solid waste regulations require all materials greater than 1% asbestos be segregated and disposed of in a landfill permitted for asbestos waste.

The asbestos abatement activities should be coordinated with other renovation/demolition activities.

A copy of this report describing the presence and location of ACMs must be provided to any contractors bidding on work which may disturb in-place ACMs in accordance with the OSHA asbestos standard 29 CFR 1926.1101.

Georgia EPD (and federal EPA) requires notification of asbestos abatement or any renovation projects involving asbestos-containing materials at least 10 days prior to starting the project on the form prescribed by the state. When work is performed in separate phases, separate notifications may be necessary. Additionally, notification is required for all demolition projects, regardless of whether or not the building contains asbestos-containing materials. Demolition is defined as the wrecking or taking out of any load-supporting structural member of a facility together with any related hauling operations or the intentional burning of any facility. **It may be necessary to perform additional inspection and sampling to determine if potential asbestos-containing materials are discovered during the demolition/renovation activities.**

Report prepared by:

A handwritten signature in blue ink, appearing to read "Pamela H. Hogue", is written over a horizontal line.

Pamela H. Hogue
Senior Industrial Hygienist

Appendix A

Asbestos Homogeneous Materials Sampling Summary

Homogeneous Material Sampling Summary
16th Floor, 16E Renovation Area
May 26, 2022

Asbestos-Containing Homogeneous Materials

Sample Number	Homogeneous Area Description	Homogeneous Area Sample Location	Asbestos Content
B1	12"x12" black floor tile with black mastic	16E - Hallway	Tile – None Detected Mastic – 7% Chrysotile
B2	12"x12" black floor tile with black mastic	16E - Hallway	Tile – None Detected Mastic – 7% Chrysotile
B3	12"x12" white floor tile with black mastic	16E - Hallway	Tile – None Detected Mastic – 7% Chrysotile
B4	12"x12" white floor tile with black mastic	16E - Hallway	Tile – None Detected Mastic – 6% Chrysotile
B7	12"x12" gray floor tile with black mastic	16E - Classroom	Tile – 2% Chrysotile Mastic – 4% Chrysotile
B8	12"x12" gray floor tile with black mastic	16E - Classroom	Tile – 2% Chrysotile Mastic – 4% Chrysotile
B13	Wallboard with red backing and joint compound	16E - Hallway	2% Chrysotile – joint compound
B14	Wallboard with red backing and joint compound	16E - Hallway	2% Chrysotile – joint compound

Asbestos-Containing Homogeneous Materials (cont.)

Sample Number	Homogeneous Area Description	Homogeneous Area Sample Location	Asbestos Content
	Thermal System Insulation (TSI) – piping and pipe fittings, cementitious	16E, Piping – mechanical room, pipe chases, behind wall materials throughout area	PACM*
Note: TSI is likely to be on the piping and pipe fittings in pipe chases and behind the wall materials. Unable to verify quantity behind walls and in chases.			
	Fire Doors	16E – Hallways, Offices	PACM*
	Vibration dampeners	16E Mechanical room	PACM*

***PACM - Presumed asbestos-containing material**

Non Asbestos-Containing Homogeneous Materials

Sample Number	Homogeneous Area Description	Homogeneous Area Sample Location	Asbestos Content
B5	12"x12" tan floor tile with brown, gray specks with yellow mastic	16E - Offices	None Detected (both tile and mastic)
B6	12"x12" tan floor tile with brown, gray specks with yellow mastic	16E - Offices	None Detected (both tile and mastic)
B9	2'x2' drop in ceiling tile – small holes	16E – Hallway, Offices	None Detected
B10	2'x2' drop in ceiling tile – small holes	16E – Hallway, Offices	None Detected
B11	2'x2' drop in ceiling tile – small holes, small fissures	16E – Hallway, Offices	None Detected
B12	2'x2' drop in ceiling tile – small holes, small fissures	16E – Hallway, Offices	None Detected
B15	Wallboard and joint compound	16E – Offices	None Detected
B16	Wallboard and joint compound	16E – Offices	None Detected
B17	Wallboard and joint compound	16E – Offices	None Detected
B18	Plaster – gray with white skim coat	16E – Hallway, Offices	None Detected

Non Asbestos-Containing Homogeneous Materials (cont.)

Sample Number	Homogeneous Area Description	Homogeneous Area Sample Location	Asbestos Content
B19	Plaster – gray with white skim coat	16E – Hallway, Offices	None Detected
B20	Plaster – gray with white skim coat	16E – Hallway, Offices	None Detected
B21	Cove base mastic – dark brown	16E – Hallway, Offices	None Detected
B22	Cove base mastic – dark brown	16E – Hallway, Offices	None Detected
B23	Duct mastic – white	16E – Mechanical Room	None Detected
B24	Duct mastic – white	16E – Mechanical Room	None Detected
B25	Fire stop - red	16E – Mechanical Room	None Detected
B26	Fire stop - red	16E – Mechanical Room	None Detected
B27	12"x12" white floor tile with tan specks with gray, black mastics	16E - Offices	None Detected (both tile and mastics)
B28	12"x12" white floor tile with tan specks with gray, black mastics	16E - Offices	None Detected (both tile and mastics)

Appendix B

Photographs of Asbestos-Containing Materials Sampled

Photograph Log
Asbestos-Containing Materials (ACMs)
May 26, 2022

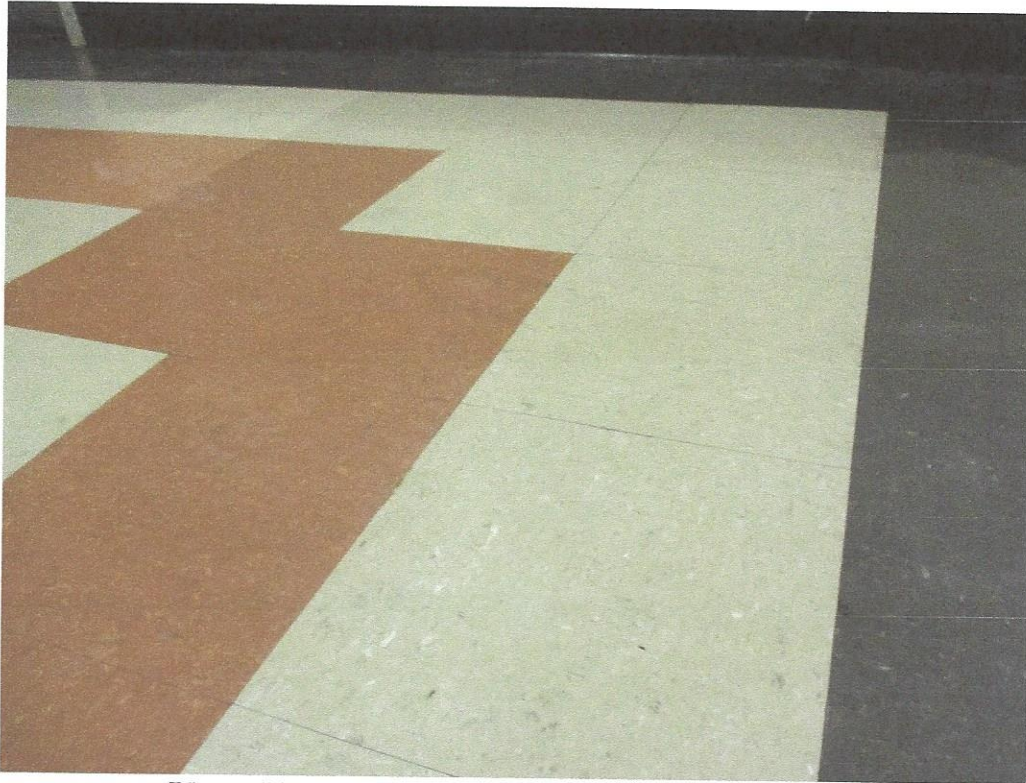


Photo #1 – 12x12 black floor tile with black mastic

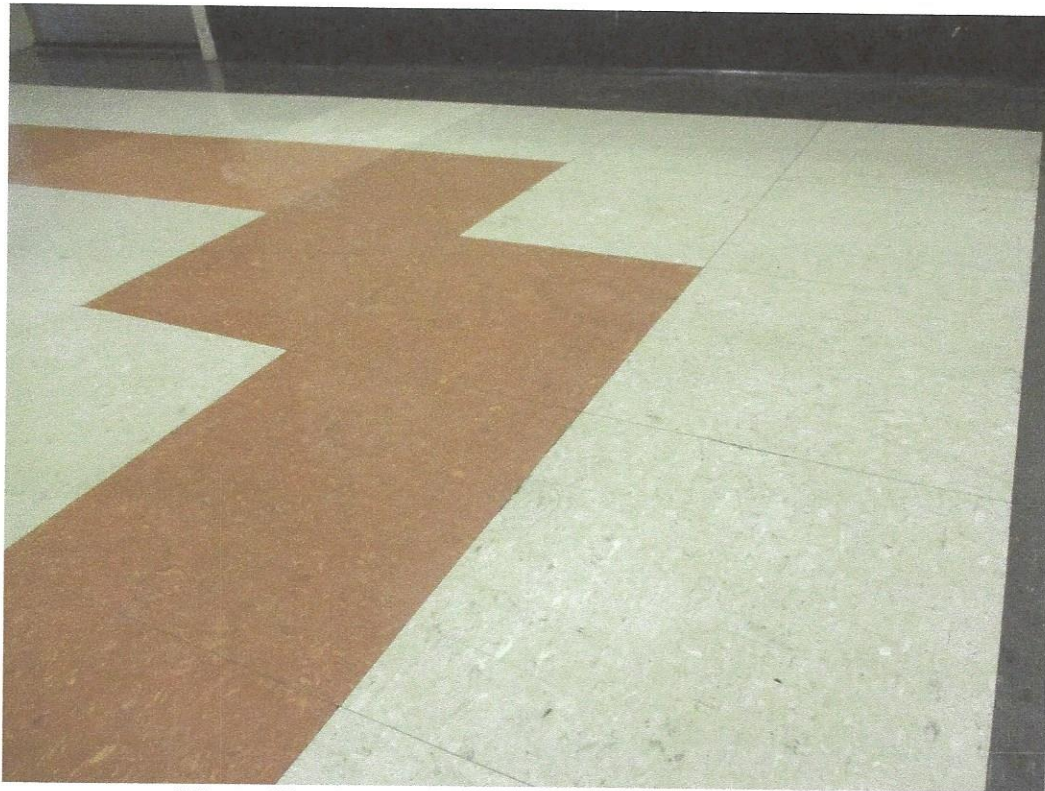


Photo #2 – 12x12 white floor tile with black mastic



Photo #3 – 12x12 gray floor tile with black mastic



Photo #4 – Wallboard with red backing and joint compound



Photo #5 – TSI, piping and pipe fittings, cementitious - PACM*



Photo #6 – TSI, piping and pipe fittings, cementitious - PACM*



Photo #7 – TSI, piping and pipe fittings, cementitious - PACM*



Photo #8 – TSI, piping and pipe fittings, cementitious - PACM*

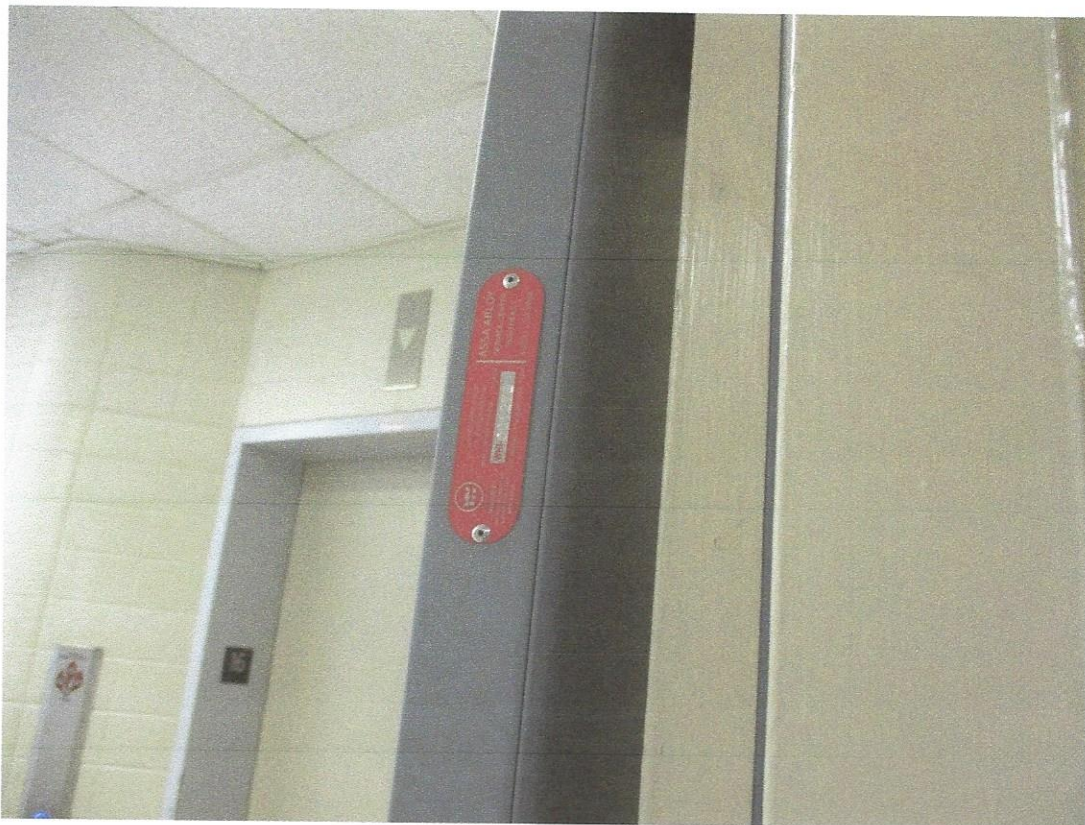


Photo #9 – Fire Doors - PACM*



Photo #10 – Vibration dampeners - PACM*

Appendix C

Laboratory Report



Bulk Asbestos Analysis

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



Customer: Strategic Environmental Solutions LLC
2774 Cobb Parkway NW
Ste 109-356
Project: 22-1250

Attn: Pam Hogue

Lab Order ID: 71993011
Analysis ID: 71993011_PLM
Date Received: 5/27/2022
Date Reported: 5/31/2022

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
B1 - A	12"x12" black floor tile with black mastic	None Detected		100% Other	Black, Brown, Orange Non Fibrous
71993011PLM_1	tile				Dissolved
B1 - B	12"x12" black floor tile with black mastic	7% Chrysotile		93% Other	Black Non Fibrous Homogeneous
71993011PLM_29	mastic				Dissolved
B2 - A	12"x12" black floor tile with black mastic	None Detected		100% Other	Black, Brown, Orange Non Fibrous
71993011PLM_2	tile				Dissolved
B2 - B	12"x12" black floor tile with black mastic	7% Chrysotile		93% Other	Black Non Fibrous Homogeneous
71993011PLM_30	mastic				Dissolved
B3 - A	12"x12" white floor tile with black mastic	None Detected		100% Other	White, Gray, Tan Non Fibrous Homogeneous
71993011PLM_3	tile				Dissolved
B3 - B	12"x12" white floor tile with black mastic	7% Chrysotile		93% Other	Black Non Fibrous Homogeneous
71993011PLM_31	mastic				Dissolved
B4 - A	12"x12" white floor tile with black mastic	None Detected		100% Other	White, Gray, Tan Non Fibrous Homogeneous
71993011PLM_4	tile				Dissolved
B4 - B	12"x12" white floor tile with black mastic	6% Chrysotile		94% Other	Yellow, Black Non Fibrous Homogeneous
71993011PLM_32	mixed mastics				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%.

Heather Boykin (41)

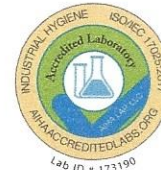
Analyst

Approved Signatory



Bulk Asbestos Analysis

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



Customer: Strategic Environmental Solutions
LLC
2774 Cobb Parkway NW
Ste 109-356

Attn: Pam Hogue

Project: 22-1250

Lab Order ID: 71993011

Analysis ID: 71993011_PLM

Date Received: 5/27/2022

Date Reported: 5/31/2022

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
B5 - A	12"x12" tan floor tile with brown, gray specks with yellow mastic	None Detected		100% Other	Tan, White, Gray Non Fibrous Homogeneous
71993011PLM_5	tile				Dissolved
B5 - B	12"x12" tan floor tile with brown, gray specks with yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71993011PLM_33	mastic				Dissolved
B6 - A	12"x12" tan floor tile with brown, gray specks with yellow mastic	None Detected		100% Other	Tan, White, Gray Non Fibrous Homogeneous
71993011PLM_6	tile				Dissolved
B6 - B	12"x12" tan floor tile with brown, gray specks with yellow mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71993011PLM_34	mastic				Dissolved
B7 - A	12"x12" gray floor tile with black mastic	2% Chrysotile		98% Other	Gray, White Non Fibrous Homogeneous
71993011PLM_7	tile				Dissolved
B7 - B	12"x12" gray floor tile with black mastic	4% Chrysotile		96% Other	Yellow, Black Non Fibrous Homogeneous
71993011PLM_35	mixed mastics				Dissolved
B8 - A	12"x12" gray floor tile with black mastic	2% Chrysotile		98% Other	Gray, White Non Fibrous Homogeneous
71993011PLM_8	tile				Dissolved
B8 - B	12"x12" gray floor tile with black mastic	4% Chrysotile		96% Other	Yellow, Black Non Fibrous Homogeneous
71993011PLM_36	mixed mastics				Dissolved

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Heather Boykin (41)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
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Analysis ID: 71993011_PLM

Date Received: 5/27/2022

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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
B9	2'x2' drop in ceiling tile - small holes	None Detected	40% Cellulose 40% Fiber Glass	10% Other 10% Perlite	Gray, Tan, White Fibrous Heterogeneous
71993011PLM_9					Teased
B10	2'x2' drop in ceiling tile - small holes	None Detected	40% Cellulose 40% Fiber Glass	10% Other 10% Perlite	Gray, Tan, White Fibrous Heterogeneous
71993011PLM_10					Teased
B11	2'x2' drop in ceiling tile - small holes, small fissures	None Detected	40% Cellulose 40% Fiber Glass	10% Other 10% Perlite	Gray, Tan, White Fibrous Heterogeneous
71993011PLM_11					Teased
B12	2'x2' drop in ceiling tile - small holes, small fissures	None Detected	40% Cellulose 40% Fiber Glass	10% Other 10% Perlite	Gray, White Fibrous Heterogeneous
71993011PLM_12					Teased
B13	Wallboard with red backing	< 1% Chrysotile		100% Other	Tan Non Fibrous Homogeneous
71993011PLM_13	wallboard: none detect; joint compnd: 2% chrysotile				Crushed
B14	Wallboard with red backing	< 1% Chrysotile		100% Other	Tan Non Fibrous Homogeneous
71993011PLM_14	wallboard: none detect; joint compnd: 2% chrysotile				Crushed
B15	Wallboard and joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_15	wallboard: none detect; joint compnd: none detect				Crushed
B16	Wallboard and joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_16	wallboard: none detect; joint compnd: none detect				Crushed

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Lab Order ID: 71993011

Analysis ID: 71993011_PLM

Date Received: 5/27/2022

Date Reported: 5/31/2022

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
B17	Wallboard and joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_17	wallboard: none detect; joint compnd: none detect				Crushed
B18 - A	Plaster - gray with white skim coat	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_18	skim coat				Crushed
B18 - B	Plaster - gray with white skim coat	None Detected		100% Other	Gray Non Fibrous Homogeneous
71993011PLM_37	base				Crushed
B19 - A	Plaster - gray with white skim coat	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_19	skim coat				Crushed
B19 - B	Plaster - gray with white skim coat	None Detected		100% Other	Gray Non Fibrous Homogeneous
71993011PLM_38	base				Crushed
B20 - A	Plaster - gray with white skim coat	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_20	skim coat				Crushed
B20 - B	Plaster - gray with white skim coat	None Detected		100% Other	Gray Non Fibrous Homogeneous
71993011PLM_39	base				Crushed
B21	Cove base mastic - dark brown	None Detected		100% Other	Cream Non Fibrous Homogeneous
71993011PLM_21					Dissolved

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2774 Cobb Parkway NW
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Lab Order ID: 71993011

Analysis ID: 71993011_PLM

Date Received: 5/27/2022

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Project: 22-1250

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
B22	Cove base mastic - dark brown	None Detected		100% Other	Tan Non Fibrous Homogeneous
71993011PLM_22					Dissolved
B23	Duct mastic - white	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_23					Dissolved
B24	Duct mastic - white	None Detected		100% Other	White Non Fibrous Homogeneous
71993011PLM_24					Dissolved
B25	Fire stop - red	None Detected	10% Fiber Glass	90% Other	Red, White, Silver Non Fibrous Homogeneous
71993011PLM_25					Ashed
B26	Fire stop - red	None Detected	10% Fiber Glass	90% Other	Red, White, Silver Non Fibrous Homogeneous
71993011PLM_26					Ashed
B27 - A	12"x12" white floor tile with tan specks with gray/black mastic	None Detected		100% Other	Tan, Gray, White Non Fibrous Homogeneous
71993011PLM_27	tile				Dissolved
B27 - B	12"x12" white floor tile with tan specks with gray/black mastic	None Detected		100% Other	Yellow, Gray, Black Non Fibrous Homogeneous
71993011PLM_40	mixed mastics/leveling compound				Dissolved
B28 - A	12"x12" white floor tile with tan specks with gray/black mastic	None Detected		100% Other	Tan, Gray, White Non Fibrous Homogeneous
71993011PLM_28	tile				Dissolved

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
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2774 Cobb Parkway NW
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
B28 - B	12"x12" white floor tile with tan specks with gray/black mastic	None Detected		100% Other	Yellow, Black, Gray Non Fibrous Homogeneous
71993011PLM_41	mixed mastics/leveling compound				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%.

Heather Boykin (41)

Analyst

Approved Signatory

Appendix D

Laboratory and Inspector Accreditations

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Scientific Analytical Institute
4604 Dundas Drive
Greensboro, NC 27407
Mr. Nathaniel Durham
Phone: 336-292-3888 Fax: 336-292-3313
Email: ndurham@sailab.com
<http://www.sailab.com>

ASBESTOS FIBER ANALYSIS

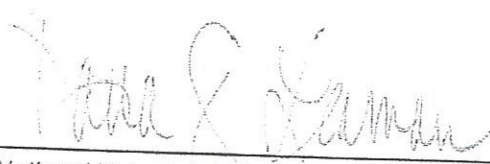
NVLAP LAB CODE 200664-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

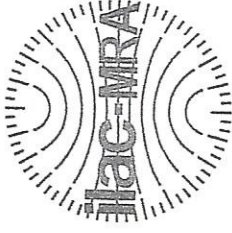
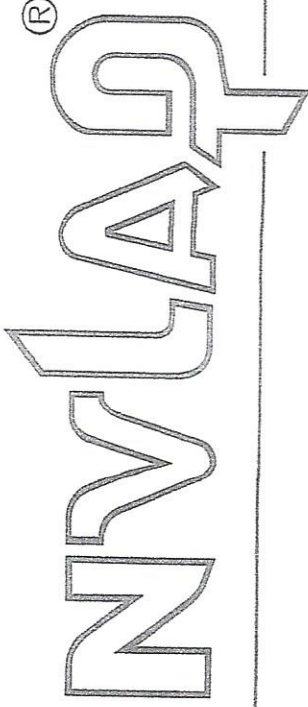
Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 2006664-0

Scientific Analytical Institute
Greensboro, NC

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2022-01-01 through 2022-12-31

Effective Dates



A handwritten signature in dark ink, appearing to read "Tara S. Gorman".

For the National Voluntary Laboratory Accreditation Program

The Environmental Institute

Pamela H. Hogue

Social Security Number - XXX-XX-9960

Strategic Environmental Solutions - 2774 Cobb Parkway NW, Kennesaw, GA 30152

*Has completed 8 hours of coursework and satisfactorily
passed an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Reaccreditation*

Asbestos in Buildings: Inspector & Management Planner Refresher

December 14, 2021

Course Date

18755

Certificate Number

December 14, 2021

Examination Date

December 13, 2022

Expiration Date



Darryl L. Watson

Darryl L. Watson - Principal Instructor

(Approved by the ABIH Certification Maintenance Committee for 1 CM point - Approval #11-583)

(FL Provider Registration #FL49-0001342 - Inspector Ref. Course #0002805 - Mgmt. Plan Ref. Course #0002806)

TEI - 1395 S. Marietta Parkway SE - Building 100, Suite 124- Marietta, GA 30067

Phone: 770-427-3600 - Website: www.tei-atl.com