



### REVISED PRE-DEMOLITION ASBESTOS ASSESSMENT

HOMOGENEOUS NUMBERS 4, 9, 10, 11, 12, 13 AND 14 DELTA MILLS PLANTS 2 AND 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

### Submitted to:

Parker Poe Adams & Bernstein LLP 401 South Tryon Street, Suite 300 Charlotte, North Carolina 28202 Office Phone: 704-372-9000

### Prepared by:

GEL Engineering, LLC
Post Office Box 30712
Charleston, South Carolina 29417

Asbestos Building Inspector: Derek Anderson

Office Phone: 843-769-7378

Date of Revised Report: September 21, 2021



Environmental | Engineering | Surveying

### **TABLE OF CONTENTS**

Subject	Page
Executive SummaryIntroduction	
Pre-Demolition Asbestos Assessment	10
Asbestos Investigative Procedures	10
Homogenous Area Summary	11
Asbestos Assessment Results	11
Asbestos Conclusions and Recommendations	11
Deviations or Limiting Conditions	12
Appendices	
<ul> <li>4.1 Tables 1 Through 8: Asbestos Results - PLM &amp; TEM Analys</li> <li>4.2 Diagram of Homogeneous Areas</li> <li>4.3 Diagram of ACM Sample Locations</li> <li>4.4 Chain-of-Custody Records and Certificates of Analyses</li> <li>4.5 Asbestos Inspector's License and Training Certificate</li> </ul>	ses
	Executive Summary

Environmental | Engineering | Surveying

### **Signature Page**

This document titled, "Pre-Demolition Asbestos Assessment," has been prepared and reviewed by the undersigned at the request of and for the exclusive use of Parker Poe Adams & Bernstein LLP (Parker Poe) located in Charlotte, North Carolina. It has been prepared in accordance with the United States Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (DHEC) asbestos regulations.

Derek Anderson

Licensed Asbestos Building Inspector

ndwow

Sarah Browning, E.I.T., C.I.E.C.

Project Manager

Ronald S. Sharpe, C.I.H., R.S.

Senior Scientist

pg. i

### **EXECUTIVE SUMMARY**

The following executive summary is a summation of the overall project and should not be used as a stand-alone document. This executive summary does not contain all of the information that is found in the full report. The report should be read in its entirety to obtain a more complete understanding of the information provided and to aid in any decisions made or actions taken based on this information.

The pre-demolition asbestos assessment was conducted in July and August of 2021 of select areas of the Delta Mills Plants 2 and 3, which is located at 4351 Brickyard Road in Wallace, South Carolina. The select areas are broken down into seven homogeneous areas (please see the diagram in Appendix 4.2 for the location of each homogeneous area):

- 1. Homogeneous Area #4 (Delta Mill Plant 3 Main Building)
- 2. Homogeneous Area #9 (Delta Mill Plant 2)
- 3. Homogeneous Area #10 (Delta Mill Plant 2)
- 4. Homogeneous Area #11 (Delta Mill Plant 2)
- 5. Homogeneous Area #12 (Delta Mill Plant 2)
- 6. Homogeneous Area #13 (Delta Mill Plant 2)
- 7. Homogeneous Area #14 (Delta Mill Plant 2)

The pre-demolition asbestos assessment revealed the presence of Asbestos-Containing Materials (ACMs) and a Presumed Asbestos-Containing Material (PACM). The following table provides a summary of the ACMs and the PACM that were identified during the pre-demolition asbestos assessment.

ACMs and PACM Description	Location(s) <sup>(3)</sup>	Quantities (4)
Homogeneous Are	a #4 - Main Building	
Black Mastic Associated with 12" x 12" Blue/Gray Floor Tile (5)	Space 1 – Rooms 2 and 3	360 SF
Cream/White Cement Board Panels	Space 2 – Walls on 2 <sup>nd</sup> Level	1,600 SF

pg. ii

ACMs Description	Location(s) <sup>(3)</sup>	Quantities (4)
9" x 9" Brown Floor Tile and Associated Black Mastic (6)  Bottom Layer Space 4 – First Floor – Bottom Layer Space 4 – Second Floor Bottom Layer – All Area Except Restroom		2,520 SF
12" x 12" Tan with Brown Streaks Floor Tile (6)(7)	Space 4 – First Floor – Top Layer	1,320 SF
Rust Colored Gaskets	Process System Flanges	Process System Lines
White Fluffy Pipe Insulation	Underneath Canvas Wrap – Straight Runs – Small, Medium and Large Diameter Piping	3,400 LF
Wrap Material	Hard Joints – Small Diameter Piping	100 Hard Joints
Wrap Material and Gray Insulation	Hard Joints – Medium and Large Diameter Piping	150 Hard Joints
Black Flashing Material	On East Exterior Side of Building Along Locations of Removed Overhangs	80 LF
Gray Gasket Material	Basement – Process System Flanges	Process System Lines
12" x 12" Cream Speckled Floor Tile and Associated Yellow Mastic <sup>(6)</sup>	Basement - Space 1 – Top Layer – Rooms 9, 12 - 15	2,750 SF
12" x 12" Red Floor Tile <sup>(6)(7)</sup>	Basement - Space 1- Room 9 - Bottom Layer	225 SF
9" x 9" Black Floor Tile and Associated Black Mastic	Room 3 and a Portion of	
Faux Brick Rolled Vinyl Flooring and Associated Black Mastic	· · · · · · · · · · · · · · · · · · ·	

pg. iii

ACMs Description	ACMs Description Location(s) (3)	
Faux Terrazzo Rolled Vinyl Flooring and Associated Mastic	Basement – Space 2 – Room 1	1,080 SF
Gray Canvas Wrap Material and White Insulation	Basement – Space 2 – Rooms 1, 3, 4, 6, 8, 9, 10 and 14 on Heating, Ventilation, and Air- Conditioning (HVAC) Ductwork	2,220 SF
Canvas Wrap and Gray Insulation	Basement - Small and Medium Piping – Hard Joints	90 Hard Joints
White Insulation	Basement – Small and Medium Piping – Straight Runs	550 LF
Tan Wrap and Insulation	Basement – Space 2 – Rooms 3, 4 and 14- Straight Runs	200 LF
Tan and Gray Insulation	Basement – Space 2 – Rooms 3, 4 and 14- Hard Joints	25 Hard Joints
Cement Board Siding	Exterior Siding of Structure on Roof	1,600 SF
Cement Board Siding	Underneath Built-Up Roof Material- Raised Roof Deck	24,000 SF
Homogene	ous Area #9	
12" x 12" Beige with Dark Speckles Floor Tile (7)	Space 1 – First Floor – Rooms 1 – 4 and Hallway	780 SF
Pipe Wrap and Gray Insulation	Small Diameter Pipes – Hard Joints Medium Diameter Pipes – Hard Joints Large Diameter Pipes – Straight Runs and Hard Joints	121 Hard Joints and 150 LF

pg. iv

ACMs Description	ACMs Description Location(s) (3)	
9" x 9" Black Floor Tile <sup>(7)</sup> Space 3 – Labs 1 at Rooms 1 - 4		1,900 SF
12" x 12" Cream Floor Tile and Associated Mastic	Space 3 – Room 5 – 13 and Hallway	1,900 SF
12" x 12" Brown Mottled Floor Tile (7)	Space 3 – Conference Room	360 SF
Drywall and Joint Compound	Space 1 – First Floor – Restroom and Rooms 3 and 4	400 SF
Black Flashing Material	Exterior Heating, Ventilation and Air Conditioning (HVAC) Unit	20 LF
Black Flashing/Mastic Material  Along Parapet Walls on Roof		1,225 SF
Homogene		
9" x 9" Beige Floor Tile (6)(7)	Space 1 – Bottom Layer – HVAC Room and Room 4	360 SF
Brittle Gasket Material	Process System Flanges	Process System Lines
Cementitious Material	Space 1 – Fan Blower- NE Corner	20 SF
Pipe Wrap and Gray Insulation	Small Diameter Piping – Straight Runs  Medium Diameter Piping – Hard Joints	30 Hard Joints and
	Large Diameter Piping – Straight Runs and Hard Joints	700 LF
Black Sealant Material	Black Sealant Material  Space 1 – Hot Water Unit #2 in HVAC Room	
White Caulking Material	On Exterior Door Frame of Main Entrance	25 LF

pg. v

ACMs Description	Location(s) <sup>(3)</sup>	Quantities (4)
Corrugated and Straight Cement Board Panels	Roof Structures 1 Through 3	4,900 SF
Black Flashing Material	Roof Penetrations, Structures and Parapet Walls	1,680 SF
Homogene	ous Area #11	
12" x 12" Off-White Streaked #2 Floor Tiles <sup>(7)</sup>	Space 1 – Room 5	215 SF
	Space 1 – Rooms 2, 3, 7 and 8	
12" x 12" Green Camo Floor Tiles (7)	Space 2 – Room 10	1,300 SF
	Space 3 – Room 1	
12" x 12" Off-White Streaked #1 Floor Tiles (7)	Space 1 – Rooms 1 and 4	40 SF
	Space 2 – Rooms 1 and 2	
12" x 12" Off-White Streaked #3 Floor Tiles <sup>(7)</sup>	Space 2 – Rooms 9 and 11	1,100 SF
	Space 3 – Rooms 3 and 4	
12" x 12" Speckled White Floor Tiles (7)	Space 2 – Room 6	110 SF
9" x 9" Gray Floor Tiles (7)	Space 2 – Room 4	55 SF
9" x 9" Light Brown Floor Tiles <sup>(7)</sup>	Space 3 – Rooms 1, 2 and 5	700 SF
Black Gasket Material	Process System Flanges	Process System Lines
Gray Pipe Insulation	Large Diameter Piping – Hard Joints	10 Hard Joints
Beige Caulking Material	Along Top of Parapet Wall	575 LF

pg. vi

ACMs Description	Location(s) <sup>(3)</sup>	Quantities (4)
Homogene		
12" x 12" Off-White Streaked Floor Tile	Top Layer – Spaces 1 and 2	470 SF
9" x 9" Brown-Streaked Floor Tile and Associated Yellow Mastic	Space 5	65 SF
Black Mastic Material	Space 6 – Along Hard Joints and Seam Between Brick Wall and Vertical Roof Drain Pipes	7 Vertical Roof Drain Pipes
Gray/White Pipe Insulation	Small and Medium Diameter Pipes – Hard Joints	25 Hard Joints
Beige Caulking Material	On Top of the Parapet Walls on the Roof	720 LF
Homogene	ous Area #13	
Cement Board Panels	Space 1 – Walls and Ceiling	1,150 SF
12" x 12" Beige Floor Tiles #1 and Associated Black Mastic	Along East Exterior Wall Adjacent to Space 1	150 SF
Gray Thermal System Insulation	On Vane Axial Fan	180 SF
Yellow Mastic Associated with 4" Brown Vinyl Toe Boards <sup>(8)</sup>	Spaces 2 and 3	500 LF
White Caulking Material	Around Door Frames – Vent Rooms 2 and 3	16 Doors
12" x 12" Beige Floor Tiles #2 (6)(7) Middle Layer – Sp Room 10		110 SF
9" x 9" Tan Floor Tiles <sup>(6)(7)</sup>	Space 9 – Room 10 – 2 <sup>nd</sup> (Bottom) Layer  Space 9 – Room 2 – Only Layer	950 SF
9" x 9" Brown Floor Tiles and Associated Black Mastic <sup>(6)</sup>	Space 9 – Rooms 1 and 9 – 2 <sup>nd</sup> (Bottom) Layer	800 SF

pg. vii

ACMs Description	ACMs Description Location(s) (3)		
Gray Insulation	Small Diameter Piping – Hard Joints and Straight Runs	105 Hard Joints and	
Gray insulation	Medium Diameter Piping  – Straight Runs  Large Diameter Piping –	1,900 LF	
	Hard Joints		
Pink Insulation	Large Diameter Piping – Straight Runs	150 LF	
Pipe Wrap and Gray Insulation	Medium Diameter Piping- Hard Joints	75 Hard Joints	
Black Flashing Material	On Parapet Walls and Penetrations- Main Level	1,390 SF	
Black Flashing Material	Upper Level – West Parapet Wall Only	285 SF	
Homogene	ous Area #14		
	Space 2 – Rooms 1 and 2		
	Space 3 – South End		
12" x 12" Camo Floor Tile and Associated Mastic	Space 6 – Rooms 2 – 8	3,825 SF	
	Space 7 – Room 17		
	Space 8 – NE Corner		
12" x 12" Brown Speckled Floor Tile and Associated Mastic (6)	12" x 12" Brown Speckled Floor Tile and Space 3 – Bottom Layer		
12" x 12" Beige Floor Tiles <sup>(6)(7)</sup> Space 3 – NE Corner – Top Layer		1,090 SF	
12" x 12" Off-White Streaked Floor Tiles	Space 6 – Rooms 1, 9, 11 and 13		
(7)	Space 7 – Rooms 6 and 9 Space 8 – NE Corner	2,010 SF	

pg. viii

ACMs Description	Location(s) <sup>(3)</sup>	Quantities (4)
12" x 12" Camo Floor Tile and Associated Mastic <sup>(6)</sup>	Space 6 – Room 15 Space 1 – Top Layer	385 SF
12" x 12" Tan Speckled Floor Tile (6)(7)	Space 7 – Room 4 – Top Layer	240 SF
12" x 12" White Streaked Floor Tiles #2	Space 7 – Rooms 5 – 15 Space 6 – Room 9	550 SF
12" x 12" Brown Speckled Floor Tiles #2 and Associated Mastic	Space 7 – Room 13	500 SF
9" x 9" Cream Floor Tiles and Associated Mastic	Space 6 – Rooms 6 and 16	1,675 SF
Space 7 – Rooms 2 and 3  Space 6 – Rooms 1, 2, 3,  4. 5, 7, 8, 10, 11, 12, 13  and Hallway  Associated Mastic (6)  Space 7 – Rooms 6  Through 12 (Layered)		4,250 SF
9" x 9" Brown Marbled Floor Tile and Associated Mastic <sup>(6)</sup>	Space 6 – Rooms 14 and 15 (Layered)	275 SF
9" x 9" Olive Green Floor Tile and Associated Mastic	Space 7 – Rooms 3 (Hallway Only), 4 and 5 (Hidden Chase Area Only)	505 SF
Mastic Associated with 9" x 9" Brown Coffee Floor Tiles (5)	Space 7 – Room 16	225 SF
Wrap and Gray/Tan Pipe Insulation	Medium Diameter Pipes  – Straight Runs – Spaces 8 and 11  Large Diameter Pipes – Straight Runs – Space 11	730 LF
Gray Pipe Insulation	Medium and Large Diameter Pipes – Hard Joints – Spaces 8 and 11	30 Hard Joints

pg. ix

ACMs Description	Location(s) <sup>(3)</sup>	Quantities (4)
Drywall and Joint Compound	Space 6 - Room 7 (Two Walls), Room 8 (One Wall) Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	< 5,000 SF
Pipe Wrap and Gray Insulation	Small Diameter Pipes – Hard Joints – Spaces 8 and 11	30 Hard Joints
Canvas Wrap and Insulation	On HVAC Ductwork – Spaces 6 and 7	100 LF
Straight and Corrugated Cement Board Panels	Roof Structures 1 and 2	950 SF
Black/Brown Insulation	On Roof Blower Vent	360 SF
Beige Caulking Material	Top of Parapet Walls	1,100 LF
PACM - Fire Doors	Homogeneous Area #4, #9, #10, #11, #12, #13, and #14	20 Fire Doors

### Notes:

- 1. SF Square Feet
- 2. LF Linear Feet
- 3. Please see Appendix 4.3 for the diagrams of the ACM(s) sample location(s).
- 4. These quantities are estimates. The asbestos contractor is responsible for quantifying or verifying the quantities of the ACMs/PACM listed above.
- 5. Although the floor tile associated with this mastic did not test positive for the presence of asbestos, it cannot be separated from the asbestos-containing mastic; therefore, they must both be handled and disposed of as ACMs.
- 6. This is part of a layered flooring system. If this layer cannot be separated from the non-asbestos containing layers in the flooring system, they should all be handled and disposed of as ACMs.

pg. x

- 7. Although the mastic associated with this floor tile did not test positive for the presence of asbestos, it cannot be separated from the asbestos-containing floor tile; therefore, they must both be handled and disposed of as ACMs.
- 8. Although the toe boards associated with this mastic did not test positive for the presence of asbestos, it cannot be separated from the asbestos-containing mastic; therefore, they must both be handled and disposed of as ACMs.

If the ACMs/PACM listed above will likely be disturbed during renovation or demolition activities, they should be handled in accordance with the applicable Occupational Safety and Health Administration (OSHA), DHEC, and EPA asbestos regulations. The OSHA, DHEC, and EPA asbestos regulations state that a licensed asbestos abatement contractor must properly handle and dispose of all disturbed ACMs/PACMs prior to renovation or demolition activities. As stated above, the asbestos contractor is responsible for verifying the quantities of the ACMs/PACMs listed above.

If additional suspect ACMs/PACM are identified during the renovation or demolition activities, GEL should be notified, and all work must cease until the materials are sampled by a licensed asbestos inspector. Any ACMs/PACMs identified should be handled in accordance with the applicable OSHA, DHEC, and EPA asbestos regulations.

Please note that less than 1% of asbestos was detected in the following materials; therefore, these materials are not regulated by EPA and DHEC asbestos regulations, which defines an ACM as having greater than 1% asbestos by weight. However, because these materials contain asbestos above the laboratory analytical limit of detection, OSHA asbestos regulations apply to anyone who is likely to disturb these materials:

- Homogeneous Area #4- Main Building Yellow Mastic (0.35% Chrysotile)
   Associated with Red Non-Slip Stair Treads in Space 4
- 2. Homogeneous Area #4 Basement 12" x 12" Mustard Yellow Floor Tile (0.00037%, Chrysotile) Located in Space 1- Bottom Layer
- 3. Homogeneous Area #4 Basement- White Glazing/Caulking Material (0.046%, Anthophyllite) Located Around Two Window Frames in Space 1 Room 12
- 4. Homogeneous Area #9 Black Bituminous Built-Up Roofing Material (0.33% Chrysotile) Located on the Roof
- 5. Homogeneous Area #9 Black Flashing Material (0.21%, Chrysotile) Located around Roof Penetrations and Parapet Walls
- 6. Homogeneous Area #11 12" x 12" Pink Floor Tiles (0.015%, Chrysotile) Located in Space 2 Room 3

pg. xi

- 7. Homogeneous Area #13 12" x 12" Cream Floor Tiles (0.0055%, Chrysotile) and Associated Yellow Mastic (0.44%, Chrysotile) Located in Space 2 Rooms 1 and 2, and Space 3
- 8. Homogeneous Area #13- Yellow Mastic (0.45%, Chrysotile) Associated with 12" x 12" Black Floor Tiles located in Space 9 Rooms 1 through 3.

Page | 1

### PRE-DEMOLITION ASBESTOS ASSESSMENT

### HOMOGENEOUS AREA NUMBERS (#) 4, 9, 10, 11, 12, 13, AND 14 DELTA MILLS PLANTS 2 & 3 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

### 1.0 Introduction

Parker Poe requested that GEL Engineering, LLC (GEL) perform a pre-demolition asbestos assessment of select areas of Delta Mills Plant 2 & 3, which is located at 4351 Brickyard Road in Wallace, South Carolina. The select areas are broken down into seven homogeneous areas:

### **Delta Mill Plant 3**

1. Homogeneous Area #4 – Interior, Basement, Exterior, Roof

### **Delta Mill Plant 2**

- 2. Homogeneous Area #9 Interior, Exterior, Roof
- 3. Homogeneous Area #10 Interior, Exterior, Roof
- 4. Homogeneous Area #11 Interior, Exterior, Roof
- 5. Homogeneous Area #12 Interior, Exterior, Roof
- 6. Homogeneous Area #13 Interior, Exterior, Roof
- 7. Homogeneous Area #14 Interior, Exterior, Roof

GEL's Mr. Derek Anderson, a licensed asbestos building inspector in the State of South Carolina, performed the limited, pre-demolition asbestos assessment on July 26th through July 30th, August 2nd through August 6th, and August 10th. His asbestos license and training certificate are included in Appendix 4.5.

### <u>Homogeneous Area #4 – Delta Mill Plant 3</u>

### Overview

Homogeneous Area #4, encompassing approximately 184,000 square feet (sf), is a two-story (not including the basement), steel-framed structure with a flat membrane roof, exterior brick façade, and a concrete floor slab. This area consists of office spaces, bathrooms, canteen, warehouse and plant floors, multiple mezzanine levels, and a large basement area.

Page | 2

### Interior

The flooring systems inside Homogeneous Area #4 consist of unpainted poured concrete floor; brick terrazzo; ceramic tiles; 12" x 12" rust colored floor tile with associated mastic; 12" x 12" blue/gray floor tile with associated mastic; 12" x 12" brown streaked floor tile with associated mastic; 12' x 12" tan with brown streaked floor tile and associated mastic; 9" x 9" brown floor tile with associated mastic; 9" x 9" rust colored floor tile and associated mastic; or 12" x 12" dark gray floor tile and associated mastic. The floor tiles are either over a poured concrete slab or plywood sub-floor.

The wall systems inside Homogeneous Area #4 consist of concrete masonry unit (CMU); plaster system (skim and base coat layers); wood paneling; brick; ceramic tile; or cement board panels. Bituminous-coated, kraft paper-faced silver and pink fibrous glass insulation are present in various locations behind wood paneled walls. Brownish/gray and grayish/blue four-inch toe boards with associated mastics are present along base of some walls.

The ceiling systems inside Homogeneous Area #4 consist of either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; sheet metal roof; poured concrete deck; or wood slats. Bituminous-coated kraft paper-faced yellow fibrous glass insulation is also present above lay-in ceiling tiles.

Cloth-wrapped or metal-encased thermal system insulation was observed on straight runs and hard joints on small, medium, and large process piping systems throughout Homogeneous Area #4. Also, gaskets were observed on process piping system flanges.

### Basement

The flooring systems inside the basement consist of unpainted poured concrete floor; ceramic tile; 12" x 12" cream-streaked floor tile with associated mastic; 12" x 12" mustard yellow floor tile with associated mastic; 12" x 12" red floor tile with associated mastic; 9" x 9" black floor tile with associated mastic; faux brick vinyl flooring with associated mastic; or faux terrazzo vinyl flooring with associated mastic. The floor tiles and vinyl flooring are over a poured concrete slab.

The wall systems inside Homogeneous Area #4 consist of CMU; poured concrete; wood paneling; drywall only (no joint compound); ceramic tile; or brick walls. Bituminous-coated, kraft paper-faced pink fibrous glass insulation is present in various locations behind wood paneled walls. Brown four-inch toe boards with associated mastic is present along base of some walls. Window glazing compound was observed on two windowpanes.

The ceiling systems inside Homogeneous Area #4 consist of either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; corrugated

Page | 3

metal roof; or poured concrete deck. Bituminous-coated, kraft paper-faced pink fibrous glass insulation is present above lay-in ceiling tiles.

Cloth-wrapped or metal-encased thermal system insulation was observed on straight runs and hard joints on small and medium process piping systems throughout the basement. Gaskets were observed on tank and process piping system flanges.

A metal-wrapped, fibrous glass insulated boiler is present on the South wall.

Canvas wrap, brown kraft paper, and thermal system insulation were observed on heating, ventilation, and air conditioning (HVAC) metal ducts.

Chemical and heat-resistant caulk and insulation were observed on door adjacent to caustic tank.

### Exterior

The exterior of Homogeneous Area #4 is a brick façade with an elevated poured concrete loading dock. Multiple tanks are found on the East side of the building. A vertical expansion joint and residual flashing material were also observed along the East side of the building.

### Roof

The multi-level roof system of Homogeneous Area #4 consists of a pea gravel bed over a built-up roof membrane (BUR) system. Corrugated cement board panels were observed under the BUR membrane along the midline of the roof. Flashing is present along the base of parapet walls, penthouses, and penetrations. Grey caulk on aluminum siding panels and straight-sided cement board panels are found on penthouse installed walls.

### Homogeneous Area #9 – Delta Mill Plant 2

### Overview

Homogeneous Area #9, encompassing approximately 43,500 sf, is a one-story, steel-framed structure with a flat membrane roof, exterior brick façade, and a concrete floor slab. This area consists of multi-level office spaces, bathrooms, laboratories, warehouse, and plant floors.

### Interior

The flooring systems inside Homogeneous Area #9 consist of unpainted poured concrete floor; ceramic tiles; dark brown carpet with associated mastic; 12" x 12" dark striped floor tile with associated mastic; 12" x 12" beige with dark speckled floor tile with associated mastic; 12" x 12" cream floor tile with associated mastic; 12' x 12" brown mottled floor tile with associated mastic; 12' x 12" beige floor tile with associated mastic; or 9" x 9" black floor tile with associated mastic. The floor tiles are either over a poured concrete slab or over a plywood sub-floor.

Page | 4

The wall systems inside Homogeneous Area #9 are either ceramic tile; wood paneling; plywood; gypsum board system (consisting of drywall and joint compound layers); or brick walls. Bituminous-coated, kraft paper-faced pink fibrous glass insulation is present in various locations behind wood paneled and gypsum board system walls. Surfacing material was observed behind ceramic tile walls.

The ceiling systems inside Homogeneous Area #9 are either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; plywood; corrugated metal roof; or wood slats. Bituminous-coated, kraft paper-faced pink and tan fibrous glass insulation are present above lay-in ceiling tiles.

Cloth-wrapped or metal-encased thermal system insulation was observed on straight runs and hard joints on small, medium, and large process piping systems throughout Homogeneous Area #9. Additionally, gaskets were observed on process piping system flanges.

Black laboratory countertops are present in two laboratories.

Silver caulk is present on blower fans along the North wall.

Various mastics, vibration dampeners, and cloth-wrapped thermal system insulation were observed on HVAC metal ducts.

### Exterior

The exterior of Homogeneous Area #9 is a brick façade with an elevated poured concrete loading dock. An attached, enclosed area containing lint handling units was observed on the North side. Flashing material was observed along the enclosed HVAC shed on West side of building.

### Roof

The multi-level roof system of Homogeneous Area #9 consists of a pea gravel bed over a BUR membrane system. Flashing and caulk are present along the base of parapet walls and around penetrations.

### <u>Homogeneous Area #10 – Delta Mill Plant 2</u>

### Overview

Homogeneous Area #10, encompassing approximately 34,000 sf, is a one-story, steel-framed structure with a flat membrane roof, exterior brick façade, and a concrete floor slab. This area consists of a lobby, office spaces, restrooms, mechanical room, electrical room, warehouse, and plant floors.

### Interior

The flooring systems inside Homogeneous Area #10 are unpainted poured concrete floor; ceramic tiles; brown carpet with associated mastic; 12" x 12" pink floor tile with

Page | 5

associated mastic; 12" x 12" cream floor tile with associated mastic; or 9" x 9" beige floor tile with associated mastic. The floor tiles are over a poured concrete slab.

The wall systems inside Homogeneous Area #10 are plaster system (consisting of skim and base coat layers); gypsum board system (consisting of drywall and joint compound layers); ceramic tile; wood paneling; plywood; or brick walls. Bituminous-coated, kraft paper-faced pink fibrous glass insulation is present in various locations behind plaster and gypsum board system. Brown four-inch toe boards with associated mastic is present along base of some restroom walls.

The ceiling systems inside Homogeneous Area #10 is either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; plaster system (consisting of skim and base coat layers); or wood slats. Bituminous-coated, kraft paper-faced pink fibrous glass insulation is present above lay-in ceiling tiles. Bituminous-coated, brown and silver kraft paper-faced yellow fibrous glass insulation on HVAC metal ducts was also observed above lay-in ceiling tiles.

Cloth-wrapped or metal-encased thermal system insulation was observed on straight runs and hard joints on small, medium, and large process piping systems throughout Homogeneous Area #10. Also, gaskets were observed on process piping system flanges.

Cementitious material is present on blower fans in the Northeast corner.

Beige cloth wrap is present on vertical box duct in middle of plant floor.

Black sealant was observed on chiller unit #2 in HVAC room.

### Exterior

The exterior of Homogeneous Area #10 is a brick façade. Caulk around lobby doorframe is present.

### Roof

The multi-level roof system of Homogeneous Area #10 consists of a BUR membrane system. Corrugated and straight-sided cement board panels are present on roof penthouses. Flashing and caulk are present along the base of parapet walls and penetrations. Thermal system insulation is located on blower unit numbers 81 and 115.

### Homogeneous Area #11 – Delta Mill Plant 2

### Overview

Homogeneous Area #11, encompassing approximately 40,000 sf, is a one-story, steel-framed structure with a flat membrane roof, exterior brick façade, and a concrete floor slab. This area consists of multi-level office spaces, cafeteria, kitchen, restrooms, locker room, workshops, supply rooms, mezzanines, mechanical room, and warehouse floors.

### Interior

Page | 6

The flooring systems inside Homogeneous Area #11 are unpainted poured concrete floor; ceramic tile; faux brick porcelain tile; plywood; 12" x 12" camouflage floor tile with associated mastic; 12" x 12" off-white streaked #1 floor tile with associated mastic; 12" x 12" off-white streaked #2 floor tile with associated mastic; 12" x 12" off-white streaked #3 floor tile with associated mastic; 12" x 12" white streaked floor tile with associated mastic; 12" x 12" pink floor tile with associated mastic; 9" x 9" gray floor tile with associated mastic; or 9" x 9" light brown floor tile with associated mastic. The floor tiles are over either a poured concrete slab or plywood sub-floor.

The wall systems inside Homogeneous Area #11 consist of wood paneling; plywood; or brick walls. Bituminous-coated, kraft paper-faced pink and yellow fibrous glass insulation are present in various locations behind wood paneling and plywood. Brown and black four-inch toe boards with associated mastics are present along the base of some office and restroom walls.

The ceiling systems inside Homogeneous Area #11 are either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; wood paneling; plywood; particleboard; poured concrete floor; or wood slats. Bituminous-coated, kraft paper-faced pink and yellow fibrous glass insulation are present above lay-in ceiling tiles.

Sulfur-impregnated glass foam or fibrous glass insulation under cloth wrap was observed on straight runs on small, medium, and large process piping systems throughout Homogeneous Area #11. Cloth-wrapped, thermal system insulation hard joints were identified on small, medium, and large process piping systems. Additionally, gaskets were observed on process piping system flanges.

A vibration dampener and bituminous-coated, kraft paper-faced yellow fibrous glass insulation were observed on HVAC metal ducts.

### Exterior

The exterior of Homogeneous Area #12 is a brick façade with an elevated poured concrete ramp.

### Roof

The roof system of Homogeneous Area #11 consists of a pea gravel bed over a BUR membrane system. Flashing is present along the base of parapet walls and penetrations. Caulk was also observed on top of parapet walls.

Page | 7

### Homogeneous Area #12 - Delta Mill Plant 2

### Overview

Homogeneous Area #12, encompassing approximately 64,200 sf, is a one-story, steel-framed structure with a flat membrane roof, exterior brick façade, and a concrete floor slab. This area consists of office spaces and warehouse floors.

### Interior

The flooring systems inside Homogeneous Area #12 are unpainted poured concrete floor;  $12'' \times 12''$  off-white floor tile with associated mastic;  $12'' \times 12''$  brown floor tile with associated mastic; or  $9'' \times 9''$  brown streaked floor tile with associated mastic. The floor tiles are installed over a poured concrete slab.

The wall systems inside Homogeneous Area #12 are wood paneling; plywood; or brick walls. Bituminous-coated, kraft paper-faced pink fibrous glass insulation is present in various locations behind wood paneling and plywood. Window glazing compound was observed on two windowpanes. Vertical expansion joints were identified on North wall.

The ceiling systems inside Homogeneous Area #12 consist of either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; plywood; or wood slats. Bituminous-coated, kraft paper-faced pink fibrous glass insulation is present above lay-in ceiling tiles.

Sulfur-impregnated glass foam or fibrous glass insulation under cloth wrap was observed on straight runs on small and medium process piping systems throughout Homogeneous Area #12. Cloth-wrapped, thermal system insulation hard joints were identified on small and medium process piping systems. Additionally, gaskets were observed on process piping system flanges.

Vertical roof drain pipe straight runs and hard joints along the West wall consist of sulfur-impregnated glass foam under cloth and tape wrap. Mastic is present at junction of the hard joints and the brick wall.

A suspended, cloth partition runs the length of the building from West to East.

### Exterior

The exterior of Homogeneous Area #12 is a brick façade with a large elevated, poured concrete loading dock. Doorframe caulk and dock pads were identified at loading dock. Vertical expansion joints are also present.

### Roof

The multi-level roof system of Homogeneous Area #12 consists of a pea gravel bed over a built-up roof membrane (BUR) system. Flashing and caulk is present along the base of parapet walls and penetrations. Caulk was also observed on vents.

Page | 8

### Homogeneous Area #13 - Delta Mill Plant 2

### Overview

Homogeneous Area #13, encompassing approximately 81,000 sf, is a two-story, steel-framed structure with a flat membrane roof, exterior brick façade, and a concrete floor slab. This area consists of multi-level office spaces, laboratory, restrooms, locker rooms, a mechanical room, an electrical room, warehouse, and plant floors.

### Interior

The flooring systems inside Homogeneous Area #13 are unpainted poured concrete floor; faux brick porcelain tile; ceramic tiles; plywood; 12" x 12" beige floor tile #1 with associated mastic; 12" x 12" beige floor tile #2 with associated mastic; 12" x 12" cream floor tile with associated mastic; 12" x 12" black floor tile with associated mastic; 12' x 12" off-white floor tile and associated mastic; 9" x 9" tan floor tile with associated mastic; or 9" x 9" brown floor tile and associated mastic. The floor tiles are installed either over a poured concrete slab or over a plywood sub-floor.

The wall systems inside Homogeneous Area #13 consist of gypsum board system (consisting of drywall and joint compound layers); wood paneling; orientated strand board (OSB); brick; ceramic tile; or cement board straight-sided panels. Bituminous-coated, kraft paper-faced pink, yellow, and tan fibrous glass insulation are present in various locations behind gypsum board system and wood-paneled walls. Brown, black #1, and black #2 four-inch toe boards with associated mastics are present along base of some offices, restrooms, and locker rooms. Window glazing compound was observed on two windowpanes.

The ceiling systems inside Homogeneous Area #13 are either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; gypsum board system (consisting of drywall and joint compound layers), textured surfacing; sheet metal roof; poured concrete deck; cement board straight-sided panels; or plywood. Bituminous-coated kraft paper-faced pink fibrous glass insulation is present above lay-in ceiling tiles. Bituminous-coated, brown kraft paper-faced yellow fibrous glass insulation and white mastic on HVAC metal ducts were also observed above lay-in ceiling tiles.

Cloth-wrapped or metal-encased thermal system insulation was observed on straight runs and hard joints on small, medium, and large process piping systems throughout Homogeneous Area #13. Fibrous glass insulation under cloth wrap was identified on various, small straight runs. Additionally, gaskets were observed on process piping system flanges.

Brick was observed in machine pits on plant floors.

A vibration dampener was identified on an second floor HVAC unit.

Page | 9

Cloth wrap over fibrous glass insulation is present on 2<sup>nd</sup> level on a large, rectangular air handling unit (AHU).

Cloth-wrapped thermal system insulation was observed on 1<sup>st</sup> level on ceiling-mounted vane axial fan.

### Exterior

The exterior of Homogeneous Area #13 is a brick façade with an elevated poured concrete ramp. Caulk was observed along doorframe, vents, and overhang on East side of the building. A separate caulk was identified along a main entrance doorframe on the West side of the building.

### Roof

The multi-level roof system of Homogeneous Area #13 is a pea gravel bed over a BUR membrane system. Various flashings were observed along the base of parapet walls on the main and upper levels.

### Homogeneous Area #14 - Delta Mill Plant 2

### Overview

Homogeneous Area #14, encompassing approximately 77,000 sf, is a one-story, steel-framed structure with a flat membrane roof, exterior brick façade, and a concrete floor slab. This area consists of multi-level office spaces, restrooms, mechanical room, warehouse, and plant floors.

### Interior

The flooring systems inside Homogeneous Area #14 are unpainted poured concrete floor; ceramic tiles; plywood; wood slats; red floor felt; 12" x 12" camouflage floor tile #1 with associated mastic; 12" x 12" camouflage floor tile #2 with associated mastic; 12" x 12" brown speckled with associated mastic; 12" x 12" beige floor tile with associated mastic; 12" x 12" off-white streaked floor tile #1 with associated mastic; 12" x 12" off-white streaked floor tile #2 with associated mastic; 12" x 12" tan floor tile and associated mastic; 12" x 12" brown speckled floor tile and associated mastic; 9" x 9" cream floor tile with associated mastic; 9" x 9" brown streaked floor tile and associated mastic; 9" x 9" brown marbled floor tile with associated mastic; 9" x 9" olive green floor tile with associated mastic; or 9" x 9" brown coffee floor tile with associated mastic. The floor tiles are installed either over a poured concrete slab or over a plywood sub-floor.

The wall systems inside Homogeneous Area #14 consist of drywall only; gypsum board system (consisting of drywall and joint compound layers); wood paneling; plywood; or brick. Mastic, adhering wood paneling to wooden support studs, was observed in multiple locations. Bituminous-coated, kraft paper-faced pink and tan fibrous glass

Page | 10

insulation are present in various locations behind wood-paneled walls. Brown and black four-inch toe boards with associated mastics are present along base of restrooms.

The ceiling systems inside Homogeneous Area #14 are either a suspended ceiling tile system comprised of a suspended metal grid with lay-in ceiling tiles; drywall only; textured surfacing; sheet metal roof; poured concrete deck; plywood; or wood slats. Bituminous-coated, kraft paper-faced pink and tan fibrous glass insulation are present above lay-in ceiling tiles. Bituminous-coated, brown kraft paper-faced yellow fibrous glass insulation on HVAC metal ducts was also observed above lay-in ceiling tiles.

Cloth-wrapped or metal-encased thermal system insulation was observed on straight runs and hard joints on small, medium, and large process piping systems throughout Homogeneous Area #13. Fibrous glass insulation under cloth wrap was identified on various, small straight runs. Additionally, gaskets were observed on process piping system flanges.

A vibration dampener was identified on the second floor HVAC unit.

Cloth wrap over fibrous glass and foam insulation is present on the second floor HVAC piping straight runs. Cloth-wrapped, thermal system insulation hard joints were identified on the same HVAC piping.

Cloth-wrapped thermal system insulation was observed on upstairs HVAC metal ducts.

### Exterior

The exterior of Homogeneous Area #14 is a brick façade with a large, elevated poured concrete loading dock. Dock pads were present at the loading dock.

### Roof

The multi-level roof system of Homogeneous Area #14 is a pea gravel bed over a BUR membrane system. Corrugated and straight-sided cement board panels are present on two penthouse installed walls. Various flashings are present along the base of parapet walls and penetrations. Multiple caulks were observed along Southwest parapet wall and on top of parapet walls. Thermal system insulation is located on a blower vent.

### 2.0 Pre-Demolition Asbestos Assessment

### 2.1 Asbestos Investigative Procedures

The pre-demolition asbestos assessment was performed by observing and sampling suspect ACMs in the select homogeneous areas.

Although reasonable effort was made to sample all suspect ACMs in the areas, there is a potential that some areas of suspect ACMs introduced into the structures and areas by

Page | 11

undocumented renovations, and/or repairs may not have been detected. If additional suspect ACMs are identified during renovation and/or demolition activities, GEL should be notified, and all work should cease until the suspect ACM(s) is/are sampled by a licensed asbestos inspector.

Representative samples were collected from a variety of suspect ACMs. These samples were recorded on a Chain-of-Custody record and submitted to Scientific Analytical Institute (SAI), Inc. laboratory in Greensboro, North Carolina for analysis. SAI is accredited with the National Voluntary Laboratory Accreditation Program (NVLAP) administered by the National Institute of Standards and Technology (NIST).

The bulk samples of suspect material were analyzed utilizing Polarized Light Microscopy (PLM) coupled with dispersion staining and/or Transmission Electron Microscopy (TEM). The EPA recognizes a material as ACM if an asbestos content of greater than one percent by weight (> 1%) is detected in a representative sample.

### 2.2 Homogeneous Area Summary

The suspect friable and non-friable ACMs were grouped into homogeneous areas. A homogeneous area is an area that contains suspect ACM that is uniform in color, texture, and appears identical in every respect. Also, each sample was determined to be either friable or non-friable. A friable material is one that, when dry, can be crumbled, pulverized, or reduced to powder by the forces expected to act upon it in the course of demolition or renovation. Non-friable materials are not expected to be crumbled, pulverized, or reduced to powder by the forces expected during demolition or renovation. Additionally, non-friable materials are those materials in which fibers have been "locked in" by a bonding agent, coating, binder, or other material so that the asbestos is bound and will not readily release fibers during normal handling or use. However, non-friable materials may become friable if improperly used or handled.

### 2.3 Limited Asbestos Assessment Results

The location, description, and condition of each suspect ACM sampled are included in Appendix 4.1, Tables 1 through 8 for the PLM and TEM analyses. The Chain-of-Custody records and Certificates of Analyses are included in Appendix 4.4.

### 2.4 Conclusions and Recommendations

If additional suspect ACMs are identified during future repair, renovation, and/or demolition activities, all work should cease until the materials are sampled by a licensed asbestos inspector. Any ACMs identified should be handled in accordance with the applicable OSHA, DHEC, and EPA asbestos regulations.

Page | 12

### 3.0 Deviations and Limiting Conditions

GEL took representative, statistically representative samples of suspect ACMs from randomly selected homogeneous areas of the wall, floor, and ceiling systems throughout the select areas. Significant, complete destructive testing of the entire wall, flooring, and ceiling systems throughout the areas was not performed to visually confirm similar, homogeneously identified layer(s) and/or to discover additional suspect ACMs and/or other hidden systems and/or components in the structures. Some areas of suspect ACMs may have been introduced into the structures by undocumented renovations, and/or repairs may not have been detected. As stated above, if additional, suspect ACMs are encountered during future renovation and/or demolition activities, GEL should be notified and construction work must cease until a licensed asbestos inspector inspects, samples, and tests these additional, suspect ACMs.

This report has been prepared for the exclusive use of Parker Poe solely for their use and reliance, and is subject to the terms and conditions agreed upon between GEL and Parker Poe for this specific project. These services have been provided in accordance with generally accepted environmental practices. No other warranty, expressed or implied, is made. Reliance on this report cannot be transferred without the written permission of Parker Poe and GEL, and only if the other party agrees to the Standard Terms and Conditions agreed upon for this project.

### **APPENDIX 4.1**

TABLES 1 THROUGH 8: ASBESTOS RESULTS: PLM AND TEM ANALYSES

# TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596 SAMPLED ON JULY 26, 2021 AND AUGUST 6, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
			MAIN BUILDING				
C 1-1		White Caulking Material	Space 3 - Men's Restroom	М		ND	NA
C 1-2	1	White Caulking Material	Space 3 - Men's Restroom	М	10 LF	ND	NA
C 1-3*		White Caulking Material	Space 3 - Men's Restroom	М		ND	NA
CT 2-4		Smooth Dense Ceiling Tiles	Space 3 - Men's Restroom	М		ND	NA
CT 2-5	2	Smooth Dense Ceiling Tiles	Space 3 - Men's Restroom	М	145 SF	ND	NA
CT 2-6		Smooth Dense Ceiling Tiles	Space 3 - Men's Restroom	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition		
CW 3-7		Canvas Wrap Material	Space 1 - On Large, Rectangular Suspended Heating Ventilation and Air-Conditioning (HVAC) Metal Duct Adjacent to Space 4	М		ND	NA		
CW 3-8	3	Canvas Wrap Material	Space 1 - On Large, Rectangular Suspended Heating Ventilation and Air-Conditioning (HVAC) Metal Duct Adjacent to Space 4	М	360 SF	ND	NA		
CW 3-9		Canvas Wrap Material	Space 1 - On Large, Rectangular Suspended Heating Ventilation and Air-Conditioning (HVAC) Metal Duct Adjacent to Space 4	М				ND	NA
TB 4-10-A		4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Space 1 - Room 4 - Base of Walls	М		ND	NA		
TB 4-10-B		4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 4 - Base of Walls	М		ND	NA		
TB 4-11-A	4	4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Space 1 - Room 4 - Base of Walls	М	100 LF	ND	NA		
TB 4-11-B		4" Brown Vinyl Toe Boards with Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 4 - Base of Walls	М		ND	NA		
TB 4-12-A*		4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Space 1 - Room 4 - Base of Walls	М		ND	NA		

# TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596 SAMPLED ON JULY 26, 2021 AND AUGUST 6, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TB 4-12-B*	4	4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 4 - Base of Walls	М	100 LF	ND	NA
FT 5-13-A		12" x 12" Rust Colored Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Room 4	М		ND	NA
FT 5-13-B		12" x 12" Rust Colored Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 4	М		ND	NA
FT 5-14-A	_	12" x 12" Rust Colored Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Room 4	М	400.55	ND	NA
FT 5-14-B	5	12" x 12" Rust Colored Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 4	М	400 SF	ND	NA
FT 5-15-A*		12" x 12" Rust Colored Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Room 4	М		ND	NA
FT 5-15-B*		12" x 12" Rust Colored Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 4	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 6-16-A		12" x 12" Blue/Gray Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 1 - Rooms 2 and 3	М		ND	NA
FT 6-16-B		12" x 12" Blue/Gray Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 1 - Rooms 2 and 3	М		C, 2%	D/F
FT 6-17-A	6	12" x 12" Blue/Gray Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 1 - Rooms 2 and 3	М	360 SF	ND	NA
FT 6-17-B		12" x 12" Blue/Gray Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 1 - Rooms 2 and 3	М	300 31	C, 2%	D/F
FT 6-18-A*		12" x 12" Blue/Gray Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 1 - Rooms 2 and 3	М		ND	NA
FT 6-18-B*		12" x 12" Blue/Gray Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 1 - Rooms 2 and 3	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
BBI 7-19		Kraft-Paper Faced Yellow Fibrous Glass Batt Insulation	Space 3 - In Wall Cavities of Room 1	М		ND	NA
BBI 7-20	7	Kraft-Paper Faced Yellow Fibrous Glass Batt Insulation	Space 3 - In Wall Cavities of Room 1	М	290 SF	ND	NA
BBI 7-21*		Kraft-Paper Faced Yellow Fibrous Glass Batt Insulation	Space 3 - In Wall Cavities of Room 1	М		ND	NA
FB 8-22	8	Cream Brick Material	Space 1 - On North, West and South Walls	М		ND	NA
FB 8-23		Cream Brick Material	Space 1 - On North, West and South Walls	М	37,000 SF	ND	NA
FB 8-24		Cream Brick Material	Space 1 - On North, West and South Walls	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

### WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
BBI 9-25		Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 1 - In Walls Cavities of Canteen	М		ND	NA
BBI 9-26	9	Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 1 - In Walls Cavities of Canteen	М	320 SF	ND	NA
BBI 9-27*		Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 1 - In Walls Cavities of Canteen	М		ND	NA
CB 10-28	10	White/Cream Cement Boards	Space 2 - Walls on 2nd Level	М		C, 15%	SD/NF
CB 10-29		White/Cream Cement Boards	Space 2 - Walls on 2nd Level	М	1,680 SF	C, 15%	SD/NF
CB 10-30		White/Cream Cement Boards	Space 2 - Walls on 2nd Level	М		С, 15%	SD/NF

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
CT 11-31	11	2' x 4' Wormhole Ceiling Tiles	Space 1 - Canteen, Room 2 Space 3 - Room 1 Space 4 - Middle Office Complex	М		ND	NA
CT 11-32		2' x 4' Wormhole Ceiling Tiles	Space 1 - Canteen, Room 2 Space 3 - Room 1 Space 4 - Middle Office Complex	М	3,800 SF	ND	NA
CT 11-33		2' x 4' Wormhole Ceiling Tiles	Space 1 - Canteen, Room 2 Space 3 - Room 1 Space 4 - Middle Office Complex	М		ND	NA
BBI 12-34	12	Kraft-Paper Faced Yellow Fibrous Glass Batt Insulation	Space 4 - Second Floor - Above Dropdown Ceiling System in Room 7	М		ND	NA
BBI 12-35		Kraft-Paper Faced Yellow Fibrous Glass Batt Insulation	Space 4 - Second Floor - Above Dropdown Ceiling System in Room 7	М	180 SF	ND	NA
BBI 12-36*		Kraft-Paper Faced Yellow Fibrous Glass Batt Insulation	Space 4 - Second Floor - Above Dropdown Ceiling System in Room 7	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 13-37-A		12" x 12" Brown Streaked Floor Tile and Associated Black Mastic- <i>Floor Tile Only</i>	Space 4 - Second Floor - Top Layer - In All Rooms Except Room 7	М		ND	NA
FT 13-37-B		12" x 12" Brown Streaked Floor Tile and Associated Black Mastic- <i>Mastic Only</i>	Space 4 - Second Floor - Top Layer - In All Rooms Except Room 7	М		ND	NA
FT 13-38-A	- 13	12" x 12" Brown Streaked Floor Tile and Associated Black Mastic- <i>Floor Tile Only</i>	Space 4 - Second Floor - Top Layer - In All Rooms Except Room 7	М	1 000 55	ND	NA
FT 13-38-B		12" x 12" Brown Streaked Floor Tile and Associated Black Mastic- <i>Mastic Only</i>	Space 4 - Second Floor - Top Layer - In All Rooms Except Room 7	М	1,000 SF	ND	NA
FT 13-39-A*		12" x 12" Brown Streaked Floor Tile and Associated Black Mastic- <i>Floor Tile Only</i>	Space 4 - Second Floor - Top Layer - In All Rooms Except Room 7	М		ND	NA
FT 13-39-B*		12" x 12" Brown Streaked Floor Tile and Associated Black Mastic- <i>Mastic Only</i>	Space 4 - Second Floor - Top Layer - In All Rooms Except Room 7	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
M 14-40	14	Yellow Mastic	Space 4 - Underneath Red Non-Slip Stair Treads	М		ND	NA
M 14-41		Yellow Mastic	Space 4 - Underneath Red Non-Slip Stair Treads	М	60 SF	ND	NA
M 14-42*		Yellow Mastic	Space 4 - Underneath Red Non-Slip Stair Treads	М		C, 0.35%	NA
BBI 15-43	15	Kraft-Paper Faced Fibrous Glass Batt Insulation	Space 4 - Second Floor - In Various Wall Cavities	М		ND	NA
BBI 15-44		Kraft-Paper Faced Fibrous Glass Batt Insulation	Space 4 - Second Floor - In Various Wall Cavities	М	1,400 SF	ND	NA
BBI 15-45*		Kraft-Paper Faced Fibrous Glass Batt Insulation	Space 4 - Second Floor - In Various Wall Cavities	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 16-46-A		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 4 - Second Floor - Bottom Layer - All Rooms Except Restroom	М		C, 5%	D/F
FT 16-46-B		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 4 - Second Floor - Bottom Layer - All Rooms Except Restroom	М		C, 5%	D/F
FT 16-47-A	16	9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 4 - Second Floor - Bottom Layer - All Rooms Except Restroom	М	- 1,200 SF	C, 5%	SD/F
FT 16-47-B	10	9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 4 - Second Floor - Bottom Layer - All Rooms Except Restroom	М	1,200 3F	C, 5%	D/F
FT 16-48-A*		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 4 - Second Floor - Bottom Layer - All Rooms Except Restroom	М		C, 38%	D/F
FT 16-48-B*		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 4 - Second Floor - Bottom Layer - All Rooms Except Restroom	М		С, 17%	D/F

## TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
PL 17-49-A		Plaster - Skim Coat	Space 4 - First and Second Floor - Walls	SM		ND	NA
PL 17-49-B		Plaster - Base Coat	Space 4 - First and Second Floor - Walls	SM		ND	NA
PL 17-50-A	17	Plaster - Skim Coat	Space 4 - First and Second Floor - Walls	SM	1 000 55	ND	NA
PL 17-50-B	17	Plaster - Base Coat	Space 4 - First and Second Floor - Walls	SM	1,000 SF	ND	NA
PL 17-51-A		Plaster - Skim Coat	Space 4 - First and Second Floor - Walls	SM		ND	NA
PL 17-51-B		Plaster - Base Coat	Space 4 - First and Second Floor - Walls	SM		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 18-52-A		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 4 - First Floor - Bottom Layer	М		C, 5%	D/F
FT 18-52-B		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 4 - First Floor - Bottom Layer	М		ND	NA
FT 18-53-A	18	9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 4 - First Floor - Bottom Layer	М	1,320 SF	C, 5%	D/F
FT 18-53-B	16	9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 4 - First Floor - Bottom Layer	М	1,320 3F	ND	NA
FT 18-54-A*		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 4 - First Floor - Bottom Layer	М		C, 8.8%	D/F
FT 18-54-B*		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 4 - First Floor - Bottom Layer	М		С, 9.8%	D/F

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 19-55-A		12" x 12" Tan with Brown Streaks Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 4 - First Floor - Top Layer	М		C, 3%	D/F
FT 19-55-B		12" x 12" Tan with Brown Streaks Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 4 - First Floor - Top Layer	М		ND	NA
FT 19-56-A	19	12" x 12" Tan with Brown Streaks Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 4 - First Floor - Top Layer	М	1,320 SF	C, 3%	D/F
FT 19-56-B	13	12" x 12" Tan with Brown Streaks Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 4 - First Floor - Top Layer	М	1,320 31	ND	NA
FT 19-57-A*		12" x 12" Tan with Brown Streaks Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 4 - First Floor - Top Layer	М		ND	NA
FT 19-57-B*		12" x 12" Tan with Brown Streaks Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 4 - First Floor - Top Layer	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
BBI 20-58		Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 4 - First Floor - Wall Cavities	М		ND	NA
BBI 20-59	20	Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 4 - First Floor - Wall Cavities	М	1,000 SF	ND	NA
BBI 20-60*		Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 4 - First Floor - Wall Cavities	М		C, 0.24%	NA
G 21-61		Rust Colored Gaskets	Process System Flanges	М		C, 70%	G/NF
G 21-62	21	Rust Colored Gaskets	Process System Flanges	М	Process System Lines	C, 70%	G/NF
G 21-63		Rust Colored Gaskets	Process System Flanges	М		C, 21%	G/NF

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TSI 22-64		White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Small Diameter Piping	TSI		C, 5% A, 15%	SD/F
TSI 22-65	22	White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Small Diameter Piping	TSI	1,000 LF	ND	NA
TSI 22-66		White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Small Diameter Piping	TSI		ND	NA
TSI 23-67		White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Medium Diameter Piping	TSI		ND	NA
TSI 23-68	23	White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Medium Diameter Piping	TSI	1,000 LF	C, 5% A, 15%	SD/F
TSI 23-69		White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Medium Diameter Piping	TSI		ND	NA

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TSI 24-70		White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Large Diameter Piping	TSI		C, 5% A, 15%	SD/F
TSI 24-71	24	White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Large Diameter Piping	TSI	1,400 LF	ND	NA
TSI 24-72		White Fluffy Pipe Insulation	Underneath Canvas Wrap - Straight Runs - Large Diameter Piping	TSI		C, 5% A, 15%	SD/F
НЈ 25-73-А		Gray Pipe Insulation - Wrap Only	Hard Joints - Small Diameter Piping	TSI		C, 10%	SD/F
НЈ 25-73-В		Gray Pipe Insulation - Insulation Only	Hard Joints - Small Diameter Piping	TSI		ND	NA
НЈ 25-74-А	25	Gray Pipe Insulation - Wrap Only	Hard Joints - Small Diameter Piping	TSI	100 Hard	C, 10%	SD/F
НЈ 25-74-В	25	Gray Pipe Insulation - Insulation Only	Hard Joints - Small Diameter Piping	TSI	Joints	ND	NA
НЈ 25-75-А		Gray Pipe Insulation - Wrap Only	Hard Joints - Small Diameter Piping	TSI		С, 10%	SD/F

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
НЈ 25-75-В		Gray Pipe Insulation - Insulation Only	Hard Joints - Small Diameter Piping	TSI		ND	NA
НЈ 26-76-А		Gray Pipe Insulation - Wrap Only	Hard Joints - Medium Diameter Piping	TSI		C, 10%	SD/F
НЈ 26-76-В		Gray Pipe Insulation - Insulation 1 Only	Hard Joints - Medium Diameter Piping	TSI		ND	NA
НЈ 26-76-С		Gray Pipe Insulation - Insulation 2 Only	Hard Joints - Medium Diameter Piping	TSI	_	ND	NA
НЈ 26-77-А	26	Gray Pipe Insulation - Wrap Only	Hard Joints - Medium Diameter Piping	TSI	100	C, 3%	SD/F
НЈ 26-77-В	26	Gray Pipe Insulation - Insulation 1 Only	Hard Joints - Medium Diameter Piping	TSI	Hard Joints	C, 25%	SD/F
НЈ 26-77-С		Gray Pipe Insulation - Insulation 2 Only	Hard Joints - Medium Diameter Piping	TSI		ND	NA
НЈ 26-78-А		Gray Pipe Insulation - Insulation 1 Only	Hard Joints - Medium Diameter Piping	TSI		С, 30%	SD/F

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
НЈ 26-78-В		Gray Pipe Insulation - Insulation 2 Only	Hard Joints - Medium Diameter Piping	TSI		C, 25%	SD/F
НЈ 27-79-А		Gray Pipe Insulation - Wrap Only	Hard Joints - Large Diameter Piping	TSI		C, 5%	SD/F
НЈ 27-79-В		Gray Pipe Insulation - Insulation 1 Only	Hard Joints - Large Diameter Piping	TSI		С, 30%	SD/F
НЈ 27-79-С		Gray Pipe Insulation - Insulation 2 Only	Hard Joints - Large Diameter Piping	TSI		C, 25%	SD/F
НЈ 27-80-А	27	Gray Pipe Insulation - Wrap Only	Hard Joints - Large Diameter Piping	TSI	50 Hard Joints	C, 3%	SD/F
НЈ 27-80-В		Gray Pipe Insulation - Insulation 1 Only	Hard Joints - Large Diameter Piping	TSI		С, 30%	SD/F
НЈ 27-80-С		Gray Pipe Insulation - Insulation 2 Only	Hard Joints - Large Diameter Piping	TSI		C, 5% A, 20%	SD/F
НЈ 27-81		Gray Pipe Insulation	Hard Joints - Large Diameter Piping	TSI		C, 5% A, 20%	SD/F

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### HOWOGENEOUS AREA NOWIDER 4

## DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FB 28-82		Red Fire Brick Material	Space 1 - Behind Cream Brick on North, West and South Walls	М		ND	NA
FB 28-83	28	Red Fire Brick Material	Space 1 - Behind Cream Brick on North, West and South Walls	М	37,000 SF	ND	NA
FB 28-84		Red Fire Brick Material	Space 1 - Behind Cream Brick on North, West and South Walls	М		ND	NA
FL 29-85		Black Flashing Material	On East Exterior Side of Building Along Locations of Removed Overhangs	М		C, 10%	G/NF
FL 29-86	29	Black Flashing Material	On East Exterior Side of Building Along Locations of Removed Overhangs	М	80 LF	C, 10%	G/NF
FL 29-87*		Black Flashing Material	On East Exterior Side of Building Along Locations of Removed Overhangs	М		С, 1.2%	G/NF

#### Type and % Sample Homogeneous Type of Condition **Material Description Homogeneous Area Description Total Amount Area Number** Material Asbestos Number EJ 30-88 **Expansion Joint Compound Exterior Sides of Building** Μ ND NA EJ 30-89 30 **Expansion Joint Compound Exterior Sides of Building** Μ 30 LF ND NA EJ 30-90\* **Expansion Joint Compound Exterior Sides of Building** Μ ND NA CT 31-91 2' x 2' Birds Foot Ceiling Tiles Space 3 - Room 2 ND Μ NA CT 31-92 31 2' x 2' Birds Foot Ceiling Tiles Space 3 - Room 2 315 SF Μ ND NA CT 31-93 2' x 2' Birds Foot Ceiling Tiles Space 3 - Room 2 ND Μ NA

#### Sample Homogeneous Type and % Type of **Material Description Homogeneous Area Description Total Amount** Condition Area Number Material Asbestos Number 12" x 12" Dark Gray Floor Tile and Associated FT 32-94-A Space 3 - Room 2 Μ ND NA Yellow Mastic - Floor Tile Only 12" x 12" Dark Gray Floor Tile and Associated FT 32-94-B Space 3 - Room 2 ND NA M Yellow Mastic - Mastic Only 12" x 12" Dark Gray Floor Tile and Associated FT 32-95-A Space 3 - Room 2 Μ ND NA Yellow Mastic - Floor Tile Only 32 315 SF 12" x 12" Dark Gray Floor Tile and Associated FT 32-95-B ND Space 3 - Room 2 Μ NA Yellow Mastic - Mastic Only 12" x 12" Dark Gray Floor Tile and Associated FT 32-96-A\* Space 3 - Room 2 Μ ND NA Yellow Mastic - Floor Tile Only 12" x 12" Dark Gray Floor Tile and Associated FT 32-96-B\* Space 3 - Room 2 Μ ND NA Yellow Mastic - Mastic Only

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TB 33-97-A		4" Grayish/Blue Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Space 3 - Room 2 - Base of Walls	М		ND	NA
TB 33-97-B		4" Grayish/Blue Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Space 3 - Room 2 - Base of Walls	М		ND	NA
TB 33-98-A	33	4" Grayish/Blue Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Space 3 - Room 2 - Base of Walls	М	M 75 LF	ND	NA
TB 33-98-B	33	4" Grayish/Blue Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Space 3 - Room 2 - Base of Walls	М	/3 LF	ND	NA
TB 33-99-A*		4" Grayish/Blue Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Space 3 - Room 2 - Base of Walls	М		ND	NA
TB 33-99-B*		4" Grayish/Blue Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Space 3 - Room 2 - Base of Walls	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FH 34-100		Fire Hoses	Throughout Homogeneous Area 4	М		ND	NA
FH 34-101	34	Fire Hoses	Throughout Homogeneous Area 4	М	All Fire Hoses	ND	NA
FH 34-102		Fire Hoses	Throughout Homogeneous Area 4	М		ND	NA
			BASEMENT				
l 1-1		Black Insulation	Space 1 - Room 1 - On Caustic Room Door	М		ND	NA
l 1-2	1	Black Insulation	Space 1 - Room 1 - On Caustic Room Door	М	25 LF	ND	NA
l 1-3*		Black Insulation	Space 1 - Room 1 - On Caustic Room Door	М		ND	NA

# TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

Type and %

Asbestos

Condition

**Total Amount** 

# Sample Homogeneous Area Number Material Description Homogeneous Area Description Material C 2-4-A Black Wrap Material Space 1 - Room 1 - On Caustic Room Door M

Number	Area Number			Wiateriai		Aspestos	
C 2-4-A		Black Wrap Material	Space 1 - Room 1 - On Caustic Room Door	М		ND	NA
C 2-4-B		Black Caulking Material	Space 1 - Room 1 - On Caustic Room Door	М		ND	NA
C 2-5-A	2	Black Wrap Material	Space 1 - Room 1 - On Caustic Room Door	М	25 LF	ND	NA
C 2-5-B		Black Caulking Material	Space 1 - Room 1 - On Caustic Room Door	М		ND	NA
C 2-6-A*		Black Caulking Material	Space 1 - Room 1 - On Caustic Room Door	М		ND	NA
G 3-7		Gray Gasket Material	Process System Flanges	М		ND	NA
G 3-8	3	Gray Gasket Material	Process System Flanges	М	Process System Lines	C, 50%	G/F
G 3-9		Gray Gasket Material	Process System Flanges	М		C, 25%	G/F

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 4-10-A		12" x 12" Cream Streaked Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - Top Layer - Rooms 9, 12, 13, 14 and 15	М		C, 3%	D/F
FT 4-10-B		12" x 12" Cream Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Top Layer - Rooms 9, 12, 13, 14 and 15	М	2,750 SF	ND	NA
FT 4-11-A		12" x 12" Cream Streaked Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - Top Layer - Rooms 9, 12, 13, 14 and 15	М		C, 3%	D/F
FT 4-11-B	4	12" x 12" Cream Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Top Layer - Rooms 9, 12, 13, 14 and 15	M	2,750 SF	C, 5%	D/F
FT 4-12-A*		12" x 12" Cream Streaked Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Top Layer - Rooms 9, 12, 13, 14 and 15	М		ND	NA
FT 4-12-B*		12" x 12" Cream Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Top Layer - Rooms 9, 12, 13, 14 and 15	М		ND	NA

#### Sample Homogeneous Type and % Type of **Material Description Homogeneous Area Description Total Amount** Condition **Area Number** Material Asbestos Number 12" x 12" Mustard Yellow Floor Tile and FT 5-13-A Space 1 - Bottom Layer - Room 13 Μ ND NA Associated Yellow Mastic - Floor Tile Only 12" x 12" Mustard Yellow Floor Tile and FT 5-13-B Space 1 - Bottom Layer - Room 13 ND NA M Associated Yellow Mastic - Mastic Only 12" x 12" Mustard Yellow Floor Tile and FT 5-14-A Space 1 - Bottom Layer - Room 13 Μ ND NA Associated Yellow Mastic - Floor Tile Only 5 145 SF 12" x 12" Mustard Yellow Floor Tile and FT 5-14-B Space 1 - Bottom Layer - Room 13 Μ ND NA Associated Yellow Mastic - Mastic Only 12" x 12" Mustard Yellow Floor Tile and C, 0.00037% FT 5-15-A\* Space 1 - Bottom Layer - Room 13 Μ NA Associated Yellow Mastic - Floor Tile Only 12" x 12" Mustard Yellow Floor Tile and FT 5-15-B\* Space 1 - Bottom Layer - Room 13 Μ ND NA Associated Yellow Mastic - Mastic Only

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
BBI 6-16		Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 1 - Rooms 14 and 15 - Wall Cavities and Above Dropdown Ceiling Space 2 - Room 13 - Wall Cavities and Above Dropdown Ceiling	М		ND	NA
BBI 6-17	6	Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 1 - Rooms 14 and 15 - Wall Cavities and Above Dropdown Ceiling Space 2 - Room 13 - Wall Cavities and Above Dropdown Ceiling	М	6,800 SF	ND	NA
BBI 6-18*		Kraft-Paper Faced Pink Fibrous Glass Batt Insulation	Space 1 - Rooms 14 and 15 - Wall Cavities and Above Dropdown Ceiling Space 2 - Room 13 - Wall Cavities and Above Dropdown Ceiling	М		ND	NA
WG 7-19		White Glazing/Caulking Material	Space 1 - Room 12	М		ND	NA
WG 7-20	7	White Glazing/Caulking Material	Space 1 - Room 12	М	2 Windows	ND	NA
WG 7-21*		White Glazing/Caulking Material	Space 1 - Room 12	М		AN, 0.046%	NA

## TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### WALLACE, SOUTH CAROLINA 29596 SAMPLED ON JULY 26, 2021 AND AUGUST 6, 2021

#### Sample Homogeneous Type and % Type of **Total Amount Material Description Homogeneous Area Description** Condition **Area Number** Material Asbestos Number CT 8-22 2' x 2' Smooth Dense Ceiling Tiles Space 1 - Room 8 Μ ND NA CT 8-23 8 2' x 2' Smooth Dense Ceiling Tiles Space 1 - Room 8 360 SF ND NA M CT 8-24 2' x 2' Smooth Dense Ceiling Tiles Space 1 - Room 8 Μ ND NA M 9-25-A Space 1 - Room 8 - Behind Ceramic Wall Tiles ND Yellow Mastic Μ NA **Gray Surfacing Material** M 9-25-B Space 1 - Room 8 - Behind Ceramic Wall Tiles Μ ND NA 190 SF M 9-26-A 9 Yellow Mastic Space 1 - Room 8 - Behind Ceramic Wall Tiles ND Μ NA M 9-26-B **Gray Surfacing Material** Space 1 - Room 8 - Behind Ceramic Wall Tiles M ND NA M 9-27-A\* Yellow Mastic Space 1 - Room 8 - Behind Ceramic Wall Tiles Μ ND NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
M 9-27-B	9	Gray Surfacing Material	Space 1 - Room 8 - Behind Ceramic Wall Tiles	М	190 SF	ND	NA
CT 10-28		2' x 4' Wormhole Ceiling Tiles	Space 1 - Rooms 9, 12, 13, 14, and 15 Space 2 - Rooms 6, 7, 8, 9, 10, 11, 12, and 13	М		ND	NA
CT 10-29	10	2' x 4' Wormhole Ceiling Tiles	Space 1 - Rooms 9, 12, 13, 14, and 15 Space 2 - Rooms 6, 7, 8, 9, 10, 11, 12, and 13	М	2,900 SF	ND	NA
CT 10-30		2' x 4' Wormhole Ceiling Tiles	Space 1 - Rooms 9, 12, 13, 14, and 15 Space 2 - Rooms 6, 7, 8, 9, 10, 11, 12, and 13	М		ND	NA

## TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 11-31-A		12" x 12" Red Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - Room 9 - Bottom Layer	М		C, 3%	D/F
FT 11-31-B		12" x 12" Red Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 9 - Bottom Layer	М		ND	NA
FT 11-32-A	11	12" x 12" Red Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - Room 9 - Bottom Layer	М		С, 3%	D/F
FT 11-32-B	11	12" x 12" Red Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 9 - Bottom Layer	М	225 5F	ND	NA
FT 11-33-A*		12" x 12" Red Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Room 9 - Bottom Layer	М		C, 0.95%	NA
FT 11-33-B*		12" x 12" Red Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Room 9 - Bottom Layer	М		ND	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
DW 12-34		Drywall Layer Only	Space 1 - Room 8 - Walls Only	М		ND	NA
DW 12-35	12	Drywall Layer Only	Space 1 - Room 8 - Walls Only	М	645 SF	ND	NA
DW 12-36		Drywall Layer Only	Space 1 - Room 8 - Walls Only	М		ND	NA
FT 13-37-A		9" x 9" Black Floor Tile and Associated Black Mastic - Floor Tile Only	Space 2 - Room 3 and a Portion of Room 15	М		C, 5%	D/F
FT 13-37-B		9" x 9" Black Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 3 and a Portion of Room 15	М		C, 5%	D/F
FT 13-38-A	13	9" x 9" Black Floor Tile and Associated Black Mastic - Floor Tile Only	Space 2 - Room 3 and a Portion of Room 15	М	575 SF	C, 5%	D/F
FT 13-38-B		9" x 9" Black Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 3 and a Portion of Room 15	М		C, 5%	D/F
FT 13-39-A*		9" x 9" Black Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 2 - Room 3 and a Portion of Room 15	М		ND	NA

## TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### **WALLACE, SOUTH CAROLINA 29596**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 13-39-B*	13	9" x 9" Black Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 3 and a Portion of Room 15	М	575 SF	C, 9%	D/F
VF 14-40-A		Faux Brick Rolled Vinyl Flooring and Associated Black Mastic - Rolled Vinyl Flooring Only	Space 2 - Room 5	М		C, 5%	D/F
VF 14-40-B		Faux Brick Rolled Vinyl Flooring and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 5	М		ND	NA
VF 14-41-A	14	Faux Brick Rolled Vinyl Flooring and Associated Black Mastic - Rolled Vinyl Flooring Only	Space 2 - Room 5	М	200 SF	C, 5%	SD/F
VF 14-41-B	14	Faux Brick Rolled Vinyl Flooring and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 5	М	200 35	C, 3%	SD/F
VF 14-42-A*	-	Faux Brick Rolled Vinyl Flooring and Associated Black Mastic - Rolled Vinyl Flooring Only	Space 2 - Room 5	М		C, 0.63%	NA
VF 14-42-B*		Faux Brick Rolled Vinyl Flooring and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 5	М		C, 0.13%	NA

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
VF 15-43		Faux Terrazzo Rolled Vinyl Flooring	Space 2 - Room 1	М		C, 35%	D/F
VF 15-44	15	Faux Terrazzo Rolled Vinyl Flooring	Space 2 - Room 1	М	1 090 55	С, 35%	D/F
VF 15-45-A*	15	Faux Terrazzo Rolled Vinyl Flooring - Flooring Only	Space 2 - Room 1	М	1,080 SF	C, 1.1%	D/F
VF 15-45-B*		Faux Terrazzo Rolled Vinyl Flooring - Mastic Only	Space 2 - Room 1	М	-	С, 2.4%	D/F

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TB 16-46-A		4" Brown Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 2 - Room 1	М		ND	NA
TB 16-46-B		4" Brown Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 2 - Room 1	М		ND	NA
TB 16-47-A	16	4" Brown Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 2 - Room 1	М		ND	NA
TB 16-47-B	16	4" Brown Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 2 - Room 1	М	140 LF	ND	NA
TB 16-48-A*		4" Brown Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 2 - Room 1	М		ND	NA
TB 16-48-B*		4" Brown Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 2 - Room 1	М		ND	NA

#### Sample Homogeneous Type and % Type of **Total Amount** Condition **Material Description Homogeneous Area Description Area Number** Material Asbestos Number **Gray Canvas Wrap Material and White** Space 2 - Rooms 1, 3, 4, 6, 8, 9, 10 and 14 -DW 17-49 М C, 45% SD/F Insulation - Unable to Separate Wrap On HVAC Ductwork **Gray Canvas Wrap Material and White** Space 2 - Rooms 1, 3, 4, 6, 8, 9, 10 and 14 -DW 17-50 17 2,220 SF C, 45% SD/F М On HVAC Ductwork Insulation - Unable to Separate Wrap **Gray Canvas Wrap Material and White** Space 2 - Rooms 1, 3, 4, 6, 8, 9, 10 and 14 -DW 17-51 М C, 45% SD/F On HVAC Ductwork Insulation - Unable to Separate Wrap **Hard Joints - Medium Diameter Piping** SD/F TSI 18-52-A **Gray Insulation and Canvas Wrap** TSI C, 55% C, 5% TSI 18-52-B White Insulation **Hard Joints - Medium Diameter Piping** TSI SD/F A, 15% 40 Hard 18 SD/F TSI 18-53-A **Gray Insulation and Canvas Wrap Hard Joints - Medium Diameter Piping** TSI C, 55% Joints C, 5% TSI 18-53-B White Insulation **Hard Joints - Medium Diameter Piping** TSI SD/F A, 15% TSI 18-54-A **Gray Insulation and Canvas Wrap** Hard Joints - Medium Diameter Piping TSI ND NA

#### Sample Homogeneous Type and % Type of **Material Description Homogeneous Area Description Total Amount** Condition **Area Number** Material Asbestos Number TSI 18-54-B White Insulation Hard Joints - Medium Diameter Piping TSI ND NA Process System 18 Lines TSI 18-54-C Gray Insulation 2 Hard Joints - Medium Diameter Piping TSI ND NA TSI 19-55-A Canvas Wrap and Insulation 1 **Hard Joints - Small Diameter Piping** TSI C, 55% SD/F TSI 19-55-B SD/F Insulation 2 **Hard Joints - Small Diameter Piping** TSI C, 10% TSI 19-56-A Canvas Wrap and Insulation 1 **Hard Joints - Small Diameter Piping** TSI C, 10% SD/F 50 Hard 19 **Joints** TSI 19-56-B Insulation 2 **Hard Joints - Small Diameter Piping** C, 10% SD/F TSI TSI 19-57-A Canvas Wrap and Insulation 1 **Hard Joints - Small Diameter Piping** TSI C, 55% SD/F TSI 19-57-B Insulation 2 **Hard Joints - Small Diameter Piping** TSI C, 10% SD/F

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TSI 20-58		White Insulation	Straight Runs - Small Diameter Pipes	TSI		C, 5% A, 25%	SD/F
TSI 20-59	20	White Insulation	Straight Runs - Small Diameter Pipes	TSI	300 LF	C, 5% A, 25%	SD/F
TSI 20-60		White Insulation	Straight Runs - Small Diameter Pipes	TSI		C, 5% A, 25%	SD/F
TSI 21-61		White Insulation	Straight Runs - Medium Diameter Piping	TSI		C, 5% A, 25%	SD/F
TSI 21-62	21	White Insulation	Straight Runs - Medium Diameter Piping	TSI	250 LF	C, 5% A, 25%	SD/F
TSI 21-63		White Insulation	Straight Runs - Medium Diameter Piping	TSI		C, 5% A, 25%	SD/F

### ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4

#### **DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD**

#### WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TSI 22-64		Tan Wrap and Insulation	Space 2 - Rooms 3, 4 and 14 - Straight Runs	TSI		С, 30%	SD/F
TSI 22-65	22	Tan Wrap and Insulation	Space 2 - Rooms 3, 4 and 14 - Straight Runs	TSI	200 LF	C, 30%	SD/F
TSI 22-66		Tan Wrap and Insulation	Space 2 - Rooms 3, 4 and 14 - Straight Runs	TSI		С, 30%	SD/F
BBI 23-67		Brown Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 2 - Rooms 1 and 14 - On HVAC Ductwork	М		ND	NA
BBI 23-68	23	Brown Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 2 - Rooms 1 and 14 - On HVAC Ductwork	М	60 SF	ND	NA
BBI 23-69*		Brown Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 2 - Rooms 1 and 14 - On HVAC Ductwork	М		ND	NA

## TABLE 1 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### WALLACE, SOUTH CAROLINA 29596

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
TSI 24-70-A		Tan Insulation	Space 2 - Rooms 3, 4 and 14 - Hard Joints	TSI		C, 15%	SD/F
TSI 24-70-B		Gray Insulation	Space 2 - Rooms 3, 4 and 14 - Hard Joints	TSI		C, 55%	SD/F
TSI 24-71-A	24	Tan Insulation	Space 2 - Rooms 3, 4 and 14 - Hard Joints	TSI	25 Hard	C, 15%	SD/F
TSI 24-71-B	24	Gray Insulation	Space 2 - Rooms 3, 4 and 14 - Hard Joints	TSI	Joints	C, 55%	SD/F
TSI 24-72-A		Tan Insulation	Space 2 - Rooms 3, 4 and 14 - Hard Joints	TSI	-	C, 15%	SD/F
TSI 24-72-B		Gray Insulation	Space 2 - Rooms 3, 4 and 14 - Hard Joints	TSI		C, 55%	SD/F

#### ASBESTOS RESULTS - PLM AND TEM ANALYSES

#### **HOMOGENEOUS AREA NUMBER 4**

#### DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD

#### WALLACE, SOUTH CAROLINA 29596

**SAMPLED ON JULY 26, 2021 AND AUGUST 6, 2021** 

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition		
NOMENCLATURE AND NOTES:									
NA - Not Applicable; Entered into table when there is no asbestos detected in sample					Type and Percent Asbestos				
*TEM Analysis	*TEM Analysis			C= Chrysotile					
			A = Amosite						
				AN- Anthop	hyllite				

ND = None Detected

PL - Plaster- Base and Skim Coats **Type of Material** 

FT - Floor Tile and Associated Mastic M = Miscellaneous

CT - Ceiling Tile SM = Surfacing Material

C - Caulk TSI = Thermal System Insulation **Condition of Material**CW - Canvas Wrap NF = Non-friable, F = Friable

BBI - Kraft Paper-Faced Fibrous Glass Insulation Measurements G = Good; D = Damaged; SD = Significantly Damaged

TB - Toe Board and Mastic SF = Square Feet These categories above apply only when

CB - Cement Board Panels LF = Linear Feet a material is identified as an ACM

EJ - Expansion Joint Compound

M - Mastic

FB - Fire Brick

G - Gasket

TSI - Thermal System Insulation

**Sample Number Abbreviations** 

HJ - Hard Joint

FL - Flashing

FH - Fire Hose

I - Insulation

WG - Window Glazing

# ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 4 DELTA MILLS PLANT 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596 SAMPLED ON JULY 26, 2021 AND AUGUST 6, 2021

Sample	Homogeneous	Material Description	Homogeneous Area Description	Type of	Total Amount	Type and %	Condition
Number	Area Number	Material Description	Homogeneous Area Description	Material	Total Amount	Asbestos	Condition

VF - Vinyl Flooring

DW - Drywall and Joint Compound

#### ${\bf ASBESTOS\; RESULTS - PLM\; AND\; TEM\; ANALYSES}$

#### **HOMOGENEOUS AREA NUMBER 9**

#### **DELTA MILLS PLANT 2 - 4351 BRICKYARD ROAD**

#### WALLACE, SOUTH CAROLINA 29596

#### SAMPLED ON JULY 28, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
M 1-1		Yellow Mastic Material	Space 1 - Underneath Non-Slip Material on Stairs	М		ND	NA
M 1-2	1	Yellow Mastic Material	Space 1 - Underneath Non-Slip Material on Stairs	М	45 SF	ND	NA
M 1-3*		Yellow Mastic Material	Space 1 - Underneath Non-Slip Material on Stairs	М		ND	NA
FT 2-4-A		12" x 12" Dark Striped Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Second Floor	М		ND	NA
FT 2-4-B		12" x 12" Dark Striped Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Second Floor	М		ND	NA
FT 2-5-A	2	12" x 12" Dark Striped Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Second Floor	М	600 SF	ND	NA
FT 2-5-B		12" x 12" Dark Striped Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Second Floor	М		ND	NA
FT 2-6-A*		12" x 12" Dark Striped Floor Tile and Associated Yellow Mastic	Space 1 - Second Floor	М		ND	NA

CM 3-7	3	Yellow Mastic Material Under Dark Brown Carpet	Space 1 - First Floor - Room 3	М		ND	NA
CM 3-8		Yellow Mastic Material Under Dark Brown Carpet	Space 1 - First Floor - Room 3	М	145 SF	ND	NA
CM 3-9*		Yellow Mastic Material Under Dark Brown Carpet	Space 1 - First Floor - Room 3	М		ND	NA
FT 4-10-A	4	12" x 12" Beige with Dark Speckled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - First Floor - Rooms 1, 2, 3, 4, and Hall	М		C, 3%	D/F
FT 4-10-B		12" x 12" Beige with Dark Speckled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - First Floor - Rooms 1, 2, 3, 4, and Hall	М		ND	NA
FT 4-11-A		12" x 12" Beige with Dark Speckled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - First Floor - Rooms 1, 2, 3, 4, and Hall	М	780 SF	С, 3%	D/F
FT 4-11-B		12" x 12" Beige with Dark Speckled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - First Floor - Rooms 1, 2, 3, 4, and Hall	М	760 31	ND	NA
FT 4-12-A*		12" x 12" Beige with Dark Speckled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - First Floor - Rooms 1, 2, 3, 4, and Hall	М		ND	NA
FT 4-12-B*		12" x 12" Beige with Dark Speckled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - First Floor - Rooms 1, 2, 3, 4, and Hall	М		ND	NA
S 5-13	5	White Surfacing Material	Space 1 - Restrooms - Behind Ceramic Wall Tiles	SM		ND	NA
S 5-14		White Surfacing Material	Space 1 - Restrooms - Behind Ceramic Wall Tiles	SM	400 SF	ND	NA
S 5-15		White Surfacing Material	Space 1 - Restrooms - Behind Ceramic Wall Tiles	SM		ND	NA

BBI 6-16		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 1 - Entirety of Wall and Ceiling Cavities	М		ND	NA
BBI 6-17	6	Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 1 - Entirety of Wall and Ceiling Cavities	М	2,300 SF	ND	NA
BBI 6-18*		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 1 - Entirety of Wall and Ceiling Cavities	М		ND	NA
CT 7-19		2' x 4' Wormhole Ceiling Tiles	Space 1 - First Floor - Rooms 3 and 4	М		ND	NA
CT 7-20	8	2' x 4' Wormhole Ceiling Tiles	Space 1 - First Floor - Rooms 3 and 4	М	340 SF	ND	NA
CT 7-21		2' x 4' Wormhole Ceiling Tiles	Space 1 - First Floor - Rooms 3 and 4	М		ND	NA
НЈ 8-22		Gray Pipe Insulation - <i>Unable to Separate Wrap</i>	Hard Joints - Small Diameter Piping	TSI		C, 10%	SD/F
НЈ 8-23		Gray Pipe Insulation - Unable to Separate Wrap	Hard Joints - Small Diameter Piping	TSI	65 Hard	C, 10%	SD/F
HJ 8-24-A		Gray Pipe Insulation - <i>Wrap</i>	Hard Joints - Small Diameter Piping	TSI	Joints	ND	NA
HJ 8-24-B		Gray Pipe Insulation - Insulation	Hard Joints - Small Diameter Piping	TSI		ND	NA

TSI 10-30	10	Gray Pipe Insulation - Unable to Separate Wrap	Straight Runs - Large Diameter Piping	TSI		C, 10% A, 15%	SD/F
TSI 10-29-B		Gray Pipe Insulation	Straight Runs - Large Diameter Piping	TSI		ND	NA
TSI 10-29-A		Beige Canvas Wrap	Straight Runs - Large Diameter Piping	TSI	150 LF	ND	NA
TSI 10-28-B		Gray Pipe Insulation	Straight Runs - Large Diameter Piping	TSI		ND	NA
TSI 10-28-A		Beige Canvas Wrap	Straight Runs - Large Diameter Piping	TSI		ND	NA
CW 9-27-B		Gray Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI		ND	NA
CW 9-27-A		Beige Canvas Wrap	Straight Runs - Medium Diameter Piping	TSI		ND	NA
CW 9-26-B	9	Gray Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI	Lines	ND	NA
CW 9-26-A		Beige Canvas Wrap	Straight Runs - Medium Diameter Piping	TSI	Process System	ND	NA
CW 9-25-B		Gray Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI		ND	NA
CW 9-25-A		Beige Canvas Wrap	Straight Runs - Medium Diameter Piping	TSI		ND	NA

HJ 11-31		Gray Pipe Insulation	Hard Joints - Large Diameter Piping	TSI		C, 2% A, 15% CR, 3%	SD/F
HJ 11-32-A		Gray Pipe Insulation - <i>Unable to Separate</i> <i>Wrap</i>	Hard Joints - Large Diameter Piping	TSI		A, 17% CR, 3%	SD/F
НЈ 11-32-В	11	Gray Pipe Insulation 2	Hard Joints - Large Diameter Piping	TSI	1 Hard Joint	С, 35%	SD/F
HJ 11-33-A		Gray Pipe Insulation - <i>Unable to Separate</i> <i>Wrap</i>	Hard Joints - Large Diameter Piping	TSI		C, 2% A, 20% CR, 3%	SD/F
НЈ 11-33-В		Gray Pipe Insulation 2	Hard Joints - Large Diameter Piping	TSI		C, 35%	SD/F
CW 12-34-A		Gray Pipe Wrap	Straight Runs - Small Diameter Piping	TSI		ND	NA
CW 12-34-B		Gray Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA
CW 12-35-A	12	Gray Pipe Wrap	Straight Runs - Small Diameter Piping	TSI	Process System	ND	NA
CW 12-35-B	12	Gray Pipe Insulation	Straight Runs - Small Diameter Piping	TSI	Lines	ND	NA
CW 12-36-A		Gray Pipe Wrap	Straight Runs - Small Diameter Piping	TSI		ND	NA
CW 12-36-B		Gray Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA

HJ 13-37		Gray Pipe Insulation - <i>Unable to Separate</i> <i>Wrap</i>	Hard Joints - Medium Diameter Piping	TSI		C, 10%	SD/F
НЈ 13-38	13	Gray Pipe Insulation - <i>Unable to Separate Wrap</i>	Hard Joints - Medium Diameter Piping	TSI	55 Hard	C, 10%	SD/F
НЈ 13-39-А		Gray Pipe Wrap	Hard Joints - Medium Diameter Piping	TSI	Joints	ND	NA
НЈ 13-39-В		Gray Pipe Insulation	Hard Joints - Medium Diameter Piping	TSI		ND	NA
FH 14-40		Fire Hose Material	Throughout Homogeneous Area 9	М		ND	NA
FH 14-41	14	Fire Hose Material	Throughout Homogeneous Area 9	М	Fire Hoses	ND	NA
FH 14-42		Fire Hose Material	Throughout Homogeneous Area 9	М		ND	NA
FT 15-43-A		9" x 9" Black Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 3 - Labs 1 and 2, Rooms 1 thru 4	М		C, 5%	D/F
FT 15-43-B		9" x 9" Black Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 3 - Labs 1 and 2, Rooms 1 thru 4	М		ND	NA
FT 15-44-A	15	9" x 9" Black Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 3 - Labs 1 and 2, Rooms 1 thru 4	М	1,900 SF	C, 5%	D/F
FT 15-44-B		9" x 9" Black Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 3 - Labs 1 and 2, Rooms 1 thru 4	М		ND	NA
FT 15-45-A*		9" x 9" Black Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 3 - Labs 1 and 2, Rooms 1 thru 4	М		С, 12%	D/F

FT 15-45-B*	15	9" x 9" Black Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 3 - Labs 1 and 2, Rooms 1 thru 4	М	1,900 SF	С, 0.25%	NA
BBI 16-46		Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 3 - Labs 1 and 2, Rooms 1 thru 4 - Above Dropdown Ceiling System	М		ND	NA
BBI 16-47	16	Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 3 - Labs 1 and 2, Rooms 1 thru 4 - Above Dropdown Ceiling System	М	1,900 SF	ND	NA
BBI 16-48*		Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 3 - Labs 1 and 2, Rooms 1 thru 4 - Above Dropdown Ceiling System	М		ND	NA
LC 17-49		Lab Countertop Material	Space 3 - Labs 1 and 2	М		ND	NA
LC 17-50	17	Lab Countertop Material	Space 3 - Labs 1 and 2	М	4 Lab Countertops	ND	NA
LC 17-51		Lab Countertop Material	Space 3 - Labs 1 and 2	М		ND	NA
FT 18-52		12" x 12" Cream Floor Tile - Floor Tile Only	Space 3 - Rooms 5 thru 13 and Hall	М		С, 4%	D/F
FT 18-53	18	12" x 12" Cream Floor Tile - Floor Tile Only	Space 3 - Rooms 5 thru 13 and Hall	М	1,900 SF	С, 4%	D/F
FT 18-54-A*	10	12" x 12" Cream Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 3 - Rooms 5 thru 13 and Hall	М	1,300 31	C, 4.2%	D/F
FT 18-54-B*		12" x 12" Cream Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 3 - Rooms 5 thru 13 and Hall	М		ND	NA

CT 19-55		1' x 1' Wormhole Ceiling Tiles	Space 3 - Room 5	М		ND	NA
CT 19-56	19	1' x 1' Wormhole Ceiling Tiles	Space 3 - Room 5	М	530 SF	ND	NA
CT 19-57		1' x 1' Wormhole Ceiling Tiles	Space 3 - Room 5	М		ND	NA
VD 20-58		Vibration Dampener	Space 3 - Second Floor - HVAC Unit	М		ND	NA
VD 20-59	20	Vibration Dampener	Space 3 - Second Floor - HVAC Unit	М	1 Unit	ND	NA
VD 20-60		Vibration Dampener	Space 3 - Second Floor - HVAC Unit	М		ND	NA
M 21-61		White Mastic Material	Space 3 - On Seams of HVAC Ventilation Ductwork Adjacent to Conference Room	М		ND	NA
M 21-62	21	White Mastic Material	Space 3 - On Seams of HVAC Ventilation Ductwork Adjacent to Conference Room	М	5 SF	ND	NA
M 21-63*		White Mastic Material	Space 3 - On Seams of HVAC Ventilation Ductwork Adjacent to Conference Room	М		ND	NA

FT 22-64-A		12" x 12" Brown Mottled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 3 - Conference Room	М		C, 5%	SD/F
FT 22-64-B		12" x 12" Brown Mottled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 3 - Conference Room	М		ND	NA
FT 22-65-A	22	12" x 12" Brown Mottled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 3 - Conference Room	М	360 SF	C, 5%	SD/F
FT 22-65-B	22	12" x 12" Brown Mottled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 3 - Conference Room	М	300 SF	ND	NA
FT 22-66-A*		12" x 12" Brown Mottled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 3 - Conference Room	М		ND	NA
FT 22-66-B*		12" x 12" Brown Mottled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 3 - Conference Room	М		ND	NA
M 23-67		Brown Mastic Material	Space 3 - HVAC Unit Adjacent to Conference Room	М		ND	NA
M 23-68	23	Brown Mastic Material	Space 3 - HVAC Unit Adjacent to Conference Room	М	20 SF	ND	NA
M 23-69*		Brown Mastic Material	Space 3 - HVAC Unit Adjacent to Conference Room	М		ND	NA

I 24-70-A		Gray Wrap Material	Space 2 - Around Suspended HVAC Ductwork Adjacent to Lab	TSI		ND	NA
l 24-70-B		Gray Insulation	Space 2 - Around Suspended HVAC Ductwork Adjacent to Lab	TSI		ND	NA
l 24-71-A	24	Gray Wrap Material	Space 2 - Around Suspended HVAC Ductwork Adjacent to Lab	TSI	160 SF	ND	NA
l 24-71-B		Gray Insulation	Space 2 - Around Suspended HVAC Ductwork Adjacent to Lab	TSI	100.35	ND	NA
l 24-72-A		Gray Wrap Material	Space 2 - Around Suspended HVAC Ductwork Adjacent to Lab	TSI		ND	NA
l 24-72-B		Gray Insulation	Space 2 - Around Suspended HVAC Ductwork Adjacent to Lab	TSI		ND	NA
VD 25-73		Vibration Dampener	Space 2 - On Suspended HVAC Ductwork Adjacent to Lab	М		ND	NA
VD 25-74	25	Vibration Dampener	Space 2 - On Suspended HVAC Ductwork Adjacent to Lab	М	1 Unit	ND	NA
VD 25-75		Vibration Dampener	Space 2 - On Suspended HVAC Ductwork Adjacent to Lab	М		ND	NA

FT 26-76-A		12" x 12" Beige Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 4	М		ND	NA
FT 26-76-B	26	12" x 12" Beige Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 4	М		ND	NA
FT 26-77-A		12" x 12" Beige Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 4	М	125 SF	ND	NA
FT 26-77-B	20	12" x 12" Beige Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 4	М	123 35	ND	NA
FT 26-78-A*		12" x 12" Beige Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 4	М		ND	NA
FT 26-78-B*		12" x 12" Beige Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 4	М		ND	NA
C 27-79		Silver Caulking Material	Space 2 - Blower Fans Against North Wall	М		ND	NA
C 27-80	27	Silver Caulking Material	Space 2 - Blower Fans Against North Wall	М	40 LF	ND	NA
C 27-81*		Silver Caulking Material	Space 2 - Blower Fans Against North Wall	М		ND	NA

DW 28-82-A		Drywall Layer	Space 1 - First Floor - Restrooms and Rooms 3 and 4	SM		ND	NA
DW 28-82-B		Joint Compound Layer	Space 1 - First Floor - Restrooms and Rooms 3 and 4	SM		ND	NA
DW 28-83-A	20	Drywall Layer	Space 1 - First Floor - Restrooms and Rooms 3 and 4	SM	400.55	ND	NA
DW 28-83-B	28	Joint Compound Layer	Space 1 - First Floor - Restrooms and Rooms 3 and 4	SM	400 SF	С, 3%	SD/F
DW 28-84-A		Drywall Layer	Space 1 - First Floor - Restrooms and Rooms 3 and 4	SM		ND	NA
DW 28-84-B		Joint Compound Layer	Space 1 - First Floor - Restrooms and Rooms 3 and 4	SM		ND	NA
FB 29-85		Cream Fire Brick Material	Space 2 - North, East and West Walls	М		ND	NA
FB 29-86	29	Cream Fire Brick Material	Space 2 - North, East and West Walls	М	14,500 SF	ND	NA
FB 29-87		Cream Fire Brick Material	Space 2 - North, East and West Walls	М		ND	NA
FL 30-88		Black Flashing Material	Exterior HVAC Unit Along West Side of Building	М		C, 12%	G/NF
FL 30-89	30	Black Flashing Material	Exterior HVAC Unit Along West Side of Building	М	20 LF	C, 12%	G/NF
FL 30-90*		Black Flashing Material	Exterior HVAC Unit Along West Side of Building	М		ND	NA

#### **NOMENCLATURE AND NOTES:**

NA - Not Applicable; Entered into table when there is no asbestos detected in sample

\*TEM Analysis

#### **Sample Number Abbreviations**

FT- Floor Tile and Associated Mastic

CT - Ceiling Tile

C - Caulk

CW - Canvas Wrap

BBI - Kraft Paper-Faced Fibrous Glass Insulation

M - Mastic

CM - Carpet Mastic

S - Surfacing

HJ - Hard Joint

TSI - Thermal System Insulation

FH - Fire Hose

LC - Lab Counters

I - Insulation

VD - Vibration Dampener

DW - Drywall and Joint Compound

FB - Fire Brick

FL - Flashing

#### **Type and Percent Asbestos**

C= Chrysotile

A = Amosite

CR = Crocidolite

ND = None Detected

#### Type of Material

M = Miscellaneous

SM = Surfacing Material

TSI = Thermal System Insulation

#### Measurements

SF = Square Feet

LF = Linear Feet

#### **Condition of Material**

NF = Non-friable, F = Friable

G = Good; D = Damaged; SD = Significantly Damaged

These categories above apply only when

a material is identified as an ACM

#### TABLE 3

# ASBESTOS RESULTS - PLM AND TEM ANALYSES

# HOMOGENEOUS AREA NUMBER 10 DELTA MILLS PLANT 2 - 4351 BRICKYARD ROAD

# WALLACE, SOUTH CAROLINA 29596

### SAMPLED ON JULY 30, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
P 1-1-A		Plaster - Base Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA
P 1-1-B		Plaster - Skim Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA
P 1-2-A	1	Plaster - Base Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM	3,800 SF	ND	NA
P 1-2-B		Plaster - Skim Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA
P 1-3-A		Plaster - Base Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA

P 1-3-B		Plaster - Skim Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA
P 1-4-A		Plaster - Base Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA
P 1-4-B	1	Plaster - Skim Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM	3,800 SF	ND	NA
P 1-5-A		Plaster - Base Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA
P 1-5-B		Plaster - Skim Coat	Space 1 - Walls of Lobby, Closet, Front Office, Room 1, Hall 1, Half of Hall 2, HVAC Room, and Room 4 Space 1 - Ceilings of Bath 1, 3, 4, Room 5, and Room 6	SM		ND	NA

DW 2-6-A		Drywall Layer	Space 1 - Half of Hall 2, Room 2, and Room 4 Divider	SM		ND	NA
DW 2-6-B		Joint Compound Layer	Space 1 - Half of Hall 2, Room 2, and Room 4 Divider	SM		ND	NA
DW 2-7-A	2	Drywall Layer	Space 1 - Half of Hall 2, Room 2, and Room 4 Divider	SM	700 SF	ND	NA
DW 2-7-B	2	Joint Compound Layer	Space 1 - Half of Hall 2, Room 2, and Room 4 Divider	SM	700 SF	ND	NA
DW 2-8-A		Drywall Layer	Space 1 - Half of Hall 2, Room 2, and Room 4 Divider	SM		ND	NA
DW 2-8-B		Joint Compound Layer	Space 1 - Half of Hall 2, Room 2, and Room 4 Divider	SM		ND	NA
CT 3-9		2' x 4' Wormhole Ceiling Tiles	Space 1 - Bathroom 2, Room 3, HVAC Room, and Room 4	М		ND	NA
CT 3-10	3	2' x 4' Wormhole Ceiling Tiles	Space 1 - Bathroom 2, Room 3, HVAC Room, and Room 4	М	800 SF	ND	NA
CT 3-11		2' x 4' Wormhole Ceiling Tiles	Space 1 - Bathroom 2, Room 3, HVAC Room, and Room 4	М		ND	NA

FT 4-12-A		12" x 12" Pink Colored Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 1 - Lobby, Closet, Hall 1, and Hall 2	М		ND	NA
FT 4-12-B		12" x 12" Pink Colored Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Lobby, Closet, Hall 1, and Hall 2	М		ND	NA
FT 4-13-A		12" x 12" Pink Colored Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - Lobby, Closet, Hall 1, and Hall 2	М	270.65	ND	NA
FT 4-13-B	4	12" x 12" Pink Colored Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Lobby, Closet, Hall 1, and Hall 2	М	370 SF	ND	NA
FT 4-14-A*		12" x 12" Pink Colored Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 1 - Lobby, Closet, Hall 1, and Hall 2	М		ND	NA
FT 4-14-B*		12" x 12" Pink Colored Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 1 - Lobby, Closet, Hall 1, and Hall 2	М		ND	NA
CM-5-15		Yellow Mastic Material Under Brown Carpet	Space 1 - Front Office, Rooms 1 thru 3	М		ND	NA
CM-5-16	5	Yellow Mastic Material Under Brown Carpet	Space 1 - Front Office, Rooms 1 thru 3	М	800 SF	ND	NA
CM-5-17*		Yellow Mastic Material Under Brown Carpet	Space 1 - Front Office, Rooms 1 thru 3	М		ND	NA
BBI 6-18		Pink Black Batt Insulation #1	Space 1 - Behind Walls in Half of Hall 2, Room 2, and Room 4 Divider Space 1 - Above Dropdown Ceiling in Room 3	М		ND	NA
BBI 6-19	6	Pink Black Batt Insulation #1	Space 1 - Behind Walls in Half of Hall 2, Room 2, and Room 4 Divider Space 1 - Above Dropdown Ceiling in Room 3	М	1,000 SF	ND	NA
BBI 6-20*		Pink Black Batt Insulation #1	Space 1 - Behind Walls in Half of Hall 2, Room 2, and Room 4 Divider Space 1 - Above Dropdown Ceiling in Room 3	M		ND	NA

BBI 7-21		Pink Black Batt Insulation #2	Space 1 - Behind Walls in Lobby, Closet, Front Office, Room 1, and Hall 2	М		ND	NA
BBI 7-22	7	Pink Black Batt Insulation #2	Space 1 - Behind Walls in Lobby, Closet, Front Office, Room 1, and Hall 2	М	1,000 SF	ND	NA
BBI 7-23*		Pink Black Batt Insulation #2	Space 1 - Behind Walls in Lobby, Closet, Front Office, Room 1, and Hall 2	М		ND	NA
BBI 8-24		Brown Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 1 - Around HVAC Ductwork in Lobby, Closet, Front Office, and Room 1	М		ND	NA
BBI 8-25	8	Brown Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 1 - Around HVAC Ductwork in Lobby, Closet, Front Office, and Room 1	М	30 LF	ND	NA
BBI 8-26*		Brown Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 1 - Around HVAC Ductwork in Lobby, Closet, Front Office, and Room 1	М		ND	NA
BBI 9-27		Silver Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 1 - On HVAC Ductwork in Room 3	М		ND	NA
BBI 9-28	9	Silver Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 1 - On HVAC Ductwork in Room 3	М	150 LF	ND	NA
BBI 9-29*		Silver Kraft-Paper Faced Yellow Fibrous Glass Insulation	Space 1 - On HVAC Ductwork in Room 3	М		ND	NA

FT 10-30-A		9" x 9" Beige Floor Tile and Associated Black Mastic - Floor Tile Only	Space 1 - Bottom Layer - HVAC Room and Room 4	М		C, 8%	G/NF
FT 10-30-B		9" x 9" Beige Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 1 - Bottom Layer - HVAC Room and Room 4	М		ND	NA
FT 10-31-A	10	9" x 9" Beige Floor Tile and Associated Black Mastic - Floor Tile Only	Space 1 - Bottom Layer - HVAC Room and Room 4	М	360.65	C, 8%	G/NF
FT 10-31-A	10	9" x 9" Beige Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 1 - Bottom Layer - HVAC Room and Room 4	М	360 SF	ND	NA
FT 10-32-A*		9" x 9" Beige Floor Tile and Associated Black Mastic - Floor Tile Only	Space 1 - Bottom Layer - HVAC Room and Room 4	М		C, 8%	G/NF
FT 10-32-B*		9" x 9" Beige Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 1 - Bottom Layer - HVAC Room and Room 4	М		ND	NA
FT 11-33-A		12" x 12" Cream Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 1 - Top Layer - Room 4	М		ND	NA
FT 11-33-B		12" x 12" Cream Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 1 - Top Layer - Room 4	М		ND	NA
FT 11-34-A	11	12" x 12" Cream Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 1 - Top Layer - Room 4	М	100.55	ND	NA
FT 11-34-B	11	12" x 12" Cream Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 1 - Top Layer - Room 4	М	180 SF	ND	NA
FT 11-35-A*	_	12" x 12" Cream Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 1 - Top Layer - Room 4	М		ND	NA
FT 11-35-B*		12" x 12" Cream Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 1 - Top Layer - Room 4	М		ND	NA

TB 12-36-A		4" Brown Vinyl Toe Boards and Associated Mastic - <i>Toe Boards Only</i>	Space 1 - Bathrooms 3 and 4 - Base of Walls	М		ND	NA
TB 12-36-B		4" Brown Vinyl Toe Boards and Associated Mastic - <i>Mastic Only</i>	Space 1 - Bathrooms 3 and 4 - Base of Walls	М		ND	NA
TB 12-37-A	12	4" Brown Vinyl Toe Boards and Associated Mastic - <i>Toe Boards Only</i>	Space 1 - Bathrooms 3 and 4 - Base of Walls	М	90 LF	ND	NA
TB 12-37-B	12	4" Brown Vinyl Toe Boards and Associated Mastic - <i>Mastic Only</i>	Space 1 - Bathrooms 3 and 4 - Base of Walls	М	90 LF	ND	NA
TB 12-38-A*		4" Brown Vinyl Toe Boards and Associated Mastic - <i>Toe Boards Only</i>	Space 1 - Bathrooms 3 and 4 - Base of Walls	М		ND	NA
TB 12-38-B*		4" Brown Vinyl Toe Boards and Associated Mastic - <i>Mastic Only</i>	Space 1 - Bathrooms 3 and 4 - Base of Walls	М		ND	NA
G 13-39		Red Rubberized Gaskets	Fire System Process Line 5 Flanges	М		ND	NA
G 13-40	13	Red Rubberized Gaskets	Fire System Process Line 5 Flanges	М	Process Line 5	ND	NA
G 13-41*		Red Rubberized Gaskets	Fire System Process Line 5 Flanges	М		ND	NA
G 14-42		Brittle Gaskets	Process System Flanges	М		C, 50%	G/NF
G 14-43	14	Brittle Gaskets	Process System Flanges	М	Process System Lines	C, 50%	G/NF
G 14-44*		Brittle Gaskets	Process System Flanges	М		C, 50%	G/NF

CM 15-45		Cementitious Material	Space 1 - Fan Blower NE Corner	М		С, 70%	G/NF
CM 15-46	15	Cementitious Material	Space 1 - Fan Blower NE Corner	М	20 SF	C, 70%	G/NF
CM 15-47		Cementitious Material	Space 1 - Fan Blower NE Corner	М		C, 70%	G/NF
CW 16-48		Beige Canvas Wrap	Vertical Box Duct in Middle Space 1 Warehouse	TSI		ND	NA
CW 16-49	16	Beige Canvas Wrap	Vertical Box Duct in Middle Space 1 Warehouse	TSI	80 SF	ND	NA
CW 16-50		Beige Canvas Wrap	Vertical Box Duct in Middle Space 1 Warehouse	TSI		ND	NA
HJ 17-51		Gray Thermal System Insulation - <i>Wrap Inseperable</i>	Hard Joints - Large Diameter Piping	TSI		C, 50%	SD/F
HJ 17-52	17	Gray Thermal System Insulation - <i>Wrap Inseperable</i>	Hard Joints - Large Diameter Piping	TSI	10 Hard Joints	C, 50%	SD/F
HJ 17-53		Gray Thermal System Insulation - Wrap Inseperable	Hard Joints - Large Diameter Piping	TSI		C, 50%	SD/F
TSI 18-54		Gray Thermal System Insulation - Wrap Inseperable	Straight Runs - Large Diameter Piping	TSI		C, 30% A, 20%	SD/F
TSI 18-55	18	Gray Thermal System Insulation - Wrap Inseperable	Straight Runs - Large Diameter Piping	TSI	300 LF	C, 30% A, 20%	SD/F
TSI 18-56		Gray Thermal System Insulation - <i>Wrap Inseperable</i>	Straight Runs - Large Diameter Piping	TSI		C, 30% A, 20%	SD/F

TSI 19-57-A		Thermal System Insulation - Wrap Only	Straight Runs - Small Diameter Piping	TSI		C, 30% A	' SD/F
TSI 19-57-B	19	Thermal System Insulation - Insulation Only	Straight Runs - Small Diameter Piping	TSI	400.15	C, 30% A	' SD/F
TSI 19-58	19	Thermal System Insulation - <i>Wrap Inseperable</i>	Straight Runs - Small Diameter Piping	TSI	400 LF	C, 30% A	' SD/F
TSI 19-59		Thermal System Insulation - <i>Wrap Inseperable</i>	Straight Runs - Small Diameter Piping	TSI		C, 30% A	' SD/F
НЈ 20-60		Thermal System Insulation	Hard Joints - Medium Diameter Piping	TSI		C, 3%	SD/F
НЈ 20-61	20	Thermal System Insulation	Hard Joints - Medium Diameter Piping	TSI	20 Hard	C, 3%	SD/F
НЈ 20-62-А	20	Thermal System Insulation - Wrap Only	Hard Joints - Medium Diameter Piping	TSI	Joints	C, 3%	SD/F
НЈ 20-62-В		Thermal System Insulation - Insulation Only	Hard Joints - Medium Diameter Piping	TSI		C, 3%	SD/F
НЈ 21-63-А		Thermal System Insulation - Wrap Only	Hard Joints - Small Diameter Piping	TSI		ND	NA
НЈ 21-63-В	21	Thermal System Insulation - Insulation Only	Hard Joints - Small Diameter Piping	TSI	Process System	ND	NA
HJ 21-64	21 -	Thermal System Insulation	Hard Joints - Small Diameter Piping	TSI	Lines	ND	NA
HJ 21-65		Thermal System Insulation	Hard Joints - Small Diameter Piping	TSI		ND	NA

TSI 23-66		Tan Canvas Wrap	Straight Runs - Medium Diameter Piping	TSI		ND	NA
TSI 23-67	23	Tan Canvas Wrap	Straight Runs - Medium Diameter Piping	TSI	Process System Lines	ND	NA
TSI 23-68		Tan Canvas Wrap	Straight Runs - Medium Diameter Piping	TSI		ND	NA
FB 24-69		Beige/Light Red Brick	Throughout Homogeneous Area 10	М		ND	NA
FB 24-70	24	Beige/Light Red Brick	Throughout Homogeneous Area 10	М	10,000 SF	ND	NA
FB 24-71		Beige/Light Red Brick	Throughout Homogeneous Area 10	М		ND	NA
FB 25-72		Dark Red Interior Brick	Throughout Homogeneous Area 10	М		ND	NA
FB 25-73	25	Dark Red Interior Brick	Throughout Homogeneous Area 10	М	8,500 SF	ND	NA
FB 25-74		Dark Red Interior Brick	Throughout Homogeneous Area 10	М		ND	NA
S 26-75		Black Sealant	Space 1 - Chilled Water Unit #2 in HVAC Room	М		C, 25%	G/NF
S 26-76	26	Black Sealant	Space 1 - Chilled Water Unit #2 in HVAC Room	М	10 LF	C, 25%	G/NF
S 26-77*		Black Sealant	Space 1 - Chilled Water Unit #2 in HVAC Room	М		C, 25%	G/NF

C 27-78		White Caulk	Around Exterior Doorframe - Main Entrance	М		ND	NA
C 27-79	27	White Caulk	Around Exterior Doorframe - Main Entrance	М	25 LF	ND	NA
C 27-80*		White Caulk	Around Exterior Doorframe - Main Entrance	М		AN, 2.4%	G/NF

#### **NOMENCLATURE AND NOTES:**

NA - Not Applicable; Entered into table when there is no asbestos detected in sample

\*TEM Analysis

Error in numbering - No homogenous area #22

#### **Sample Number Abbreviations**

P - Plaster- Base and Skim Coats

FT - Floor Tile and Associated Mastic

CT - Ceiling Tile

C - Caulk

CW - Canvas Wrap

BBI - Kraft Paper-Faced Fibrous Glass Insulation

TB - Toe Board and Mastic

DW - Drywall and Joint Compound

CM - Carpet Mastic

G - Gasket

CM - Cemetitious Material

HJ - Hard Joint

TSI - Thermal System Insulation

FB - Fire Brick

S - Sealant

#### Type and Percent Asbestos

C= Chrysotile

AN = Anthophyllite

A = Amosite

ND = None Detected

Type of Material

M = Miscellaneous

SM = Surfacing Material

TSI = Thermal System Insulation

Measurements

SF = Square Feet

LF = Linear Feet

**Condition of Material** 

NF = Non-friable, F = Friable

G = Good; D = Damaged; SD = Significantly Damaged

These categories above apply only when

a material is identified as an ACM

#### TABLE 4

# ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 11 DELTA MILLS PLANT 2 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

### SAMPLED ON JULY 30, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 1-1-A		12" x 12" Streaked Off-White Floor Tile #2 and Associated Tan Mastic - Floor Tile Only	Space 1 - Room 5	М		C, 3%	D/F
FT 1-1-B		12" x 12" Streaked Off-White Floor Tile #2 and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Room 5	М	215 SF	ND	NA
FT 1-2-A	1	12" x 12" Streaked Off-White Floor Tile #2 and Associated Tan Mastic - Floor Tile Only	Space 1 - Room 5	М		С, 3%	D/F
FT 1-2-B	1	12" x 12" Streaked Off-White Floor Tile #2 and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Room 5	М	215 5F	ND	NA
FT 1-3-A*		12" x 12" Streaked Off-White Floor Tile #2 and Associated Tan Mastic - Floor Tile Only	Space 1 - Room 5	М		C, 1.7%	D/F
FT 1-3-B*		12" x 12" Streaked Off-White Floor Tile #2 and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Room 5	М		ND	NA

FT 2-4-A		12" x 12" Green Camo Floor Tile and Associated Brown Mastic - Floor Tile Only	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Room 10 Space 3 - Room 1	М		C, 3%	D/F
FT 2-4-B		12" x 12" Green Camo Floor Tile and Associated Brown Mastic - <i>Mastic Only</i>	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Room 10 Space 3 - Room 1	М		ND	NA
FT 2-5-A	2	12" x 12" Green Camo Floor Tile and Associated Brown Mastic - Floor Tile Only	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Room 10 Space 3 - Room 1	М	1,300 SF	C, 3%	D/F
FT 2-5-B		12" x 12" Green Camo Floor Tile and Associated Brown Mastic - <i>Mastic Only</i>	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Room 10 Space 3 - Room 1	М	1,300 31	ND	NA
FT 2-6-A*		12" x 12" Green Camo Floor Tile and Associated Brown Mastic - Floor Tile Only	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Room 10 Space 3 - Room 1	М		ND	NA
FT 2-6-B*		12" x 12" Green Camo Floor Tile and Associated Brown Mastic - <i>Mastic Only</i>	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Room 10 Space 3 - Room 1	М		ND	NA
FT 3-7-A		12" x 12" Streaked Off-White Floor Tile #1 and Associated Tan Mastic - Floor Tile Only	Space 1 - Rooms 1 and 4 Space 2 - Rooms 1 and 2	М		С, 3%	D/F
FT 3-7-B		12" x 12" Streaked Off-White Floor Tile #1 and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Rooms 1 and 4 Space 2 - Rooms 1 and 2	М		ND	NA
FT 3-8-A	- 3	12" x 12" Streaked Off-White Floor Tile #1 and Associated Tan Mastic - Floor Tile Only	Space 1 - Rooms 1 and 4 Space 2 - Rooms 1 and 2	М	40 SE	C, 3%	D/F
FT 3-8-B		12" x 12" Streaked Off-White Floor Tile #1 and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Rooms 1 and 4 Space 2 - Rooms 1 and 2	М	40 SF	ND	NA
FT 3-9-A*		12" x 12" Streaked Off-White Floor Tile #1 and Associated Tan Mastic - Floor Tile Only	Space 1 - Rooms 1 and 4 Space 2 - Rooms 1 and 2	М		С, 0.33%	NA
FT 3-9-B*		12" x 12" Streaked Off-White Floor Tile #1 and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Rooms 1 and 4 Space 2 - Rooms 1 and 2	М		C, 0.69%	NA

FT 4-10-A		12" x 12" Pink Floor Tile and Associated Black Mastic - Floor Tile Only	Space 2 - Room 3	М		ND	NA
FT 4-10-B		12" x 12" Pink Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 3	М		ND	NA
FT 4-11-A		12" x 12" Pink Floor Tile and Associated Black Mastic - Floor Tile Only	Space 2 - Room 3	М	100 SF	ND	NA
FT 4-11-B	4	12" x 12" Pink Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 3	М	100.25	ND	NA
FT 4-12-A*		12" x 12" Pink Floor Tile and Associated Black Mastic - Floor Tile Only	Space 2 - Room 3	М		C, 0.015%	NA
FT 4-12-B*		12" x 12" Pink Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 3	М		ND	NA
FT 5-13-A		12" x 12" Streaked Off-White Floor Tile #3 and Associated Yellow Mastic - Floor Tile Only	Space 2 - Rooms 9 and 11 Space 3 - Rooms 3 and 4	М		С, 3%	D/F
FT 5-13-B		12" x 12" Streaked Off-White Floor Tile #3 and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Rooms 9 and 11 Space 3 - Rooms 3 and 4	М		ND	NA
FT 5-14-A	5	12" x 12" Streaked Off-White Floor Tile #3 and Associated Yellow Mastic - Floor Tile Only	Space 2 - Rooms 9 and 11 Space 3 - Rooms 3 and 4	М	1 100 55	С, 3%	D/F
FT 5-14-B	3	12" x 12" Streaked Off-White Floor Tile #3 and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Rooms 9 and 11 Space 3 - Rooms 3 and 4	М	– 1,100 SF	ND	NA
FT 5-15-A*		12" x 12" Streaked Off-White Floor Tile #3 and Associated Yellow Mastic - Floor Tile Only	Space 2 - Rooms 9 and 11 Space 3 - Rooms 3 and 4	М		ND	NA
FT 5-15-B*		12" x 12" Streaked Off-White Floor Tile #3 and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Rooms 9 and 11 Space 3 - Rooms 3 and 4	М		ND	NA

MB 6-16		Black Moisture Barrier	Space 3 - Rooms 3, 4 and 5 - Underneath Floor Tile	М		ND	NA
MB 6-17	6	Black Moisture Barrier	Space 3 - Rooms 3, 4 and 5 - Underneath Floor Tile	М	530 SF	ND	NA
MB 6-18*		Black Moisture Barrier	Space 3 - Rooms 3, 4 and 5 - Underneath Floor Tile	М		ND	NA
FT 7-19-A		12" x 12" Speckled White Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 2 - Room 6	М		С, 3%	D/F
FT 7-19-B		12" x 12" Speckled White Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Room 6	М		ND	NA
FT 7-20-A	-	12" x 12" Speckled White Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 2 - Room 6	М	110 SF	C, 3%	D/F
FT 7-20-B	7	12" x 12" Speckled White Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Room 6	М	110.5F	ND	NA
FT 7-21-A*	_	12" x 12" Speckled White Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 2 - Room 6	М		C, 0.53%	NA
FT 7-21-B*		12" x 12" Speckled White Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Room 6	М		C, 0.67%	NA

FT 8-22-A		9" x 9" Gray Floor Tile and Associated Black Mastic - Floor Tile Only	Space 2 - Room 4	М		C, 3%	D/F
FT 8-22-B		9" x 9" Gray Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 4	М		ND	NA
FT 8-23-A	8	9" x 9" Gray Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 2 - Room 4	М	55 SF	C, 3%	D/F
FT 8-23-B	8	9" x 9" Gray Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 4	М	55 SF	ND	NA
FT 8-24-A*		9" x 9" Gray Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 2 - Room 4	М		C, 1.2%	D/F
FT 8-24-B*		9" x 9" Gray Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 2 - Room 4	М		ND	NA
FT 9-25-A		9" x 9" Light Brown Floor Tile and Associated Black Mastic - Floor Tile Only	Space 3 - Rooms 1, 2 and 5	М		С, 3%	D/F
FT 9-25-B		9" x 9" Light Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 3 - Rooms 1, 2 and 5	М		ND	NA
FT 9-26-A		9" x 9" Light Brown Floor Tile and Associated Black Mastic - <i>Gray Mastic Only</i>	Space 3 - Rooms 1, 2 and 5	М		ND	NA
FT 9-26-B	9	9" x 9" Light Brown Floor Tile and Associated Black Mastic - Floor Tile Only	Space 3 - Rooms 1, 2 and 5	М	700 SF	С, 3%	D/F
FT 9-26-C		9" x 9" Light Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 3 - Rooms 1, 2 and 5	М		ND	NA
FT 9-27-A*		9" x 9" Light Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 3 - Rooms 1, 2 and 5	М		ND	NA

FT 9-27-B*		9" x 9" Light Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 3 - Rooms 1, 2 and 5	М		ND	NA
CT 10-28		1' x 1' Wormhole Ceiling Tiles	Space 2 - Kitchen Servicing Area Space 3 - Restroom 2	М		ND	NA
CT 10-29	10	1' x 1' Wormhole Ceiling Tiles	Space 2 - Kitchen Servicing Area Space 3 - Restroom 2	М	5,705 SF	ND	NA
CT 10-30		1' x 1' Wormhole Ceiling Tiles	Space 2 - Kitchen Servicing Area Space 3 - Restroom 2	М		ND	NA
BBI 11-31		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 1 - Rooms 1, 4, 5 and 12 Space 2 - Rooms 8 and 11 Space 3 - Restroom #1	М		ND	NA
BBI 11-32	11	Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 1 - Rooms 1, 4, 5 and 12 Space 2 - Rooms 8 and 11 Space 3 - Restroom #1	М	3,000 SF	ND	NA
BBI 11-33*		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 1 - Rooms 1, 4, 5 and 12 Space 2 - Rooms 8 and 11 Space 3 - Restroom #1	М		ND	NA
BBI 12-34		Kraft Paper-Faced Yellow Fibrous Glass Batt Insulation	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Rooms 1 - 3	М		ND	NA
BBI 12-35	12	Kraft Paper-Faced Yellow Fibrous Glass Batt Insulation	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Rooms 1 - 3	М	3,000 SF	ND	NA
BBI 12-36*		Kraft Paper-Faced Yellow Fibrous Glass Batt Insulation	Space 1 - Rooms 2, 3, 7 and 8 Space 2 - Rooms 1 - 3	М		ND	NA

TB 13-37-A	-	4" Brown Vinyl Toe Boards and Associated Tan Mastic - <i>Toe Boards Only</i>	Space 1 - Men's Restroom/Locker Space - Base of Walls Space 3 - Restroom #1 - Base of Walls	М		ND	NA
TB 13-37-B		4" Brown Vinyl Toe Boards and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Men's Restroom/Locker Space - Base of Walls Space 3 - Restroom #1 - Base of Walls	М		ND	NA
TB 13-38-A	13	4" Brown Vinyl Toe Boards and Associated Tan Mastic - <i>Toe Boards Only</i>	Space 1 - Men's Restroom/Locker Space - Base of Walls Space 3 - Restroom #1 - Base of Walls	М	180 LF	ND	NA
TB 13-38-B	15	4" Brown Vinyl Toe Boards and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Men's Restroom/Locker Space - Base of Walls Space 3 - Restroom #1 - Base of Walls	М	100 LF	ND	NA
TB 13-39-A*		4" Brown Vinyl Toe Boards and Associated Tan Mastic - <i>Toe Boards Only</i>	Space 1 - Men's Restroom/Locker Space - Base of Walls Space 3 - Restroom #1 - Base of Walls	М		ND	NA
TB 13-39-B*		4" Brown Vinyl Toe Boards and Associated Tan Mastic - <i>Mastic Only</i>	Space 1 - Men's Restroom/Locker Space - Space 3 - Restroom #1	М		ND	NA
TB 14-40-A		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 3 - Restroom #2 - Base of Walls	М		ND	NA
TB 14-40-B		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 3 - Restroom #2 - Base of Walls	М		ND	NA
TB 14-41-A	14	4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 3 - Restroom #2 - Base of Walls	М	60 LF	ND	NA
TB 14-41-B	. 14	4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 3 - Restroom #2 - Base of Walls	М	00 Ei	ND	NA
TB 14-42-A*		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 3 - Restroom #2 - Base of Walls	М		ND	NA
TB 14-42-B*		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 3 - Restroom #2 - Base of Walls	М		ND	NA

FH 15-43		Canvas Wrap Fire Hose	Throughout Homogeneous Area 11	М		ND	NA
FH 15-44	15	Canvas Wrap Fire Hose	Throughout Homogeneous Area 11	М	Fire Hoses	ND	NA
FH 15-45		Canvas Wrap Fire Hose	Throughout Homogeneous Area 11	М		ND	NA
M 16-46		Gray Mastic/Cementious Material	Space 2 - Underneath Porcelain Floor Tile in Kitchen and Cafeteria	М		ND	NA
M 16-47	16	Gray Mastic/Cementious Material	Space 2 - Underneath Porcelain Floor Tile in Kitchen and Cafeteria	М	3,600 SF	ND	NA
M 16-48*		Gray Mastic/Cementious Material	Space 2 - Underneath Porcelain Floor Tile in Kitchen and Cafeteria	М		ND	NA
VD 17-49		Black Vibration Dampener	Space 1 - Room 11 - Around HVAC	М		ND	NA
VD 17-50	17	Black Vibration Dampener	Space 1 - Room 11 - Around HVAC	М	1 Vibration Dampener	ND	NA
VD 17-51		Black Vibration Dampener	Space 1 - Room 11 - Around HVAC	М		ND	NA
BBI 18-52		Brown Bituminous Kraft Paper over Fibrous Glass Insulation	Space 1 - Room 12 - Around HVAC Ductwork	М		ND	NA
BBI 18-53	18	Brown Bituminous Kraft Paper over Fibrous Glass Insulation	Space 1 - Room 12 - Around HVAC Ductwork	М	50 SF	ND	NA
BBI 18-54*		Brown Bituminous Kraft Paper over Fibrous Glass Insulation	Space 1 - Room 12 - Around HVAC Ductwork	М		ND	NA

G 19-55		Black Gasket Material	Process System Flanges	М		C, 60%	G/NF
G 19-56	19	Black Gasket Material	Process System Flanges	М	Process System Lines	ND	NA
G 19-57		Black Gasket Material	Process System Flanges	М		ND	NA
TSI 20-58		Beige Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA
TSI 20-59	20	Beige Pipe Insulation	Straight Runs - Small Diameter Piping	TSI	Process System Lines	ND	NA
TSI 20-60		Beige Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA
HJ 21-61-A		White Wrap	Hard Joints - Small Diameter Piping	TSI		ND	NA
HJ 21-61-B		Gray Insulation	Hard Joints - Small Diameter Piping	TSI		ND	NA
НЈ 21-62-А	21	White Wrap	Hard Joints - Small Diameter Piping	TSI	Process System	ND	NA
НЈ 21-62-В	21	Gray Insulation	Hard Joints - Small Diameter Piping	TSI	Lines	ND	NA
HJ 21-63-A		White Wrap	Hard Joints - Small Diameter Piping	TSI		ND	NA
НЈ 21-63-В		Gray Insulation	Hard Joints - Small Diameter Piping	TSI		ND	NA

TSI 22-64		Orange Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI		ND	NA
TSI 22-65	22	Orange Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI	Process System Lines	ND	NA
TSI 22-66		Orange Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI		ND	NA
НЈ 23-67-А		Gray Wrap	Hard Joints - Medium Diameter Piping	TSI		ND	NA
НЈ 23-67-В		Gray Insulation	Hard Joints - Medium Diameter Piping	TSI		ND	NA
НЈ 23-68-А	23	Gray Wrap	Hard Joints - Medium Diameter Piping	TSI	Process System	ND	NA
НЈ 23-68-В	23	Gray Insulation	Hard Joints - Medium Diameter Piping	TSI	Lines	ND	NA
НЈ 23-69-А		Gray Wrap	Hard Joints - Medium Diameter Piping	TSI		ND	NA
НЈ 23-69-В		Gray Insulation	Hard Joints - Medium Diameter Piping	TSI		ND	NA
TSI 24-70		Gray Insulation	Straight Runs - Large Diameter Piping	TSI		ND	NA
TSI 24-71	24	Gray Insulation	Straight Runs - Large Diameter Piping	TSI	Process System Lines	ND	NA
TSI 24-72		Gray Insulation	Straight Runs - Large Diameter Piping	TSI		ND	NA

HJ 25-73-A		Gray Wrap	Hard Joints - Large Diameter Piping	TSI		ND	NA
НЈ 25-73-В		Gray Insulation	Hard Joints - Large Diameter Piping	TSI		ND	NA
НЈ 25-74-А		Gray Wrap	Hard Joints - Large Diameter Piping	TSI	10 Hard	ND	NA
НЈ 25-74-В	25	Gray Insulation	Hard Joints - Large Diameter Piping	TSI	Joints	С, 60%	D/F
НЈ 25-75-А		Gray Wrap	Hard Joints - Large Diameter Piping	TSI		ND	NA
НЈ 25-75-В		Gray Insulation	Hard Joints - Large Diameter Piping	TSI		C, 60%	D/F
FB 26-76		Beige/Light Red Fire Brick	Space 1 - Walls	М		ND	NA
FB 26-77	26	Beige/Light Red Fire Brick	Space 1 - Walls	М	2,000 SF	ND	NA
FB 26-78		Beige/Light Red Fire Brick	Space 1 - Walls	М		ND	NA

#### **NOMENCLATURE AND NOTES:**

NA - Not Applicable; Entered into table when there is no asbestos detected in sample

\*TEM Analysis

#### **Sample Number Abbreviations**

FT - Floor Tile and Associated Mastic

CT - Ceiling Tile

BBI - Kraft Paper-Faced Fibrous Glass Insulation

TB - Toe Board and Mastic

M - Mastic

FH - Fire Hose

VD - Vibration Dampener

G - Gasket

TSI - Thermal System Insulation

HJ - Hard Joint

FB - Fire Brick

**Type and Percent Asbestos** 

C= Chrysotile

A = Amosite

AN- Anthophyllite

ND = None Detected

Type of Material

Measurements

SF = Square Feet

LF = Linear Feet

M = Miscellaneous

SM = Surfacing Material

TSI = Thermal System Insulation

... .. ...

NF = Non-friable, F = Friable

**Condition of Material** 

G = Good; D = Damaged; SD = Significantly Damaged

These categories above apply only when

a material is identified as an ACM

#### TABLE 5

# ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 12 DELTA MILLS PLANT 2 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

# SAMPLED ON AUGUST 2, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 1-1-A		12" x 12" Off-White Streaked Floor Tile and Associated Yellow Mastic - Floor Tile Only	Spaces 1 and 2 - Top Layer	М		C, 3%	D/F
FT 1-1-B		12" x 12" Off-White Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 1 and 2 - Top Layer	М		ND	NA
FT 1-2-A	1	12" x 12" Off-White Streaked Floor Tile and Associated Yellow Mastic - Floor Tile Only	Spaces 1 and 2 - Top Layer	М	470 SF	C, 3%	D/F
FT 1-2-B		12" x 12" Off-White Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 1 and 2 - Top Layer	М	4/0 3F	ND	NA
FT 1-3-A*		12" x 12" Off-White Streaked Floor Tile and Associated Yellow Mastic - Floor Tile Only	Spaces 1 and 2 - Top Layer	М		С, 1.5%	D/F
FT 1-3-B*		12" x 12" Off-White Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 1 and 2 - Top Layer	М		C, 0.55%	NA

FT 2-4	-	12" x 12" Brown Speckled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Spaces 1 and 2 - Bottom Layer	М		ND	NA
FT 2-5-A		12" x 12" Brown Speckled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Spaces 1 and 2 - Bottom Layer	М		ND	NA
FT 2-5-B	2	12" x 12" Brown Speckled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 1 and 2 - Bottom Layer	М	470 SF	ND	NA
FT 2-6-A*		12" x 12" Brown Speckled Floor Tile and Associated Yellow Mastic - Floor Tile Only	Spaces 1 and 2 - Bottom Layer	М		ND	NA
FT 2-6-B*		12" x 12" Brown Speckled Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 1 and 2 - Bottom Layer	М		ND	NA
BBI 3-7		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Spaces 1 and 2 - Wall Cavities and Above Dropdown Ceiling	М		ND	NA
BBI 3-8	3	Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Spaces 1 and 2 - Wall Cavities and Above Dropdown Ceiling	М	1,650 SF	ND	NA
BBI 3-9*		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Spaces 1 and 2 - Wall Cavities and Above Dropdown Ceiling	М		ND	NA
EJ 4-10		Expansion Joint Compound	Exterior Walls	М		ND	NA
EJ 4-11	4	Expansion Joint Compound	Exterior Walls	М	8 Joints	ND	NA
EJ 4-12*		Expansion Joint Compound	Exterior Walls	М		ND	NA

FT 5-13-A		9" x 9" Brown Streaked Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 5	М		C, 5%	D/F
FT 5-13-B		9" x 9" Brown Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 5	М		ND	NA
FT 5-14-A		9" x 9" Brown Streaked Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 5	М	- 65 SF	C, 5%	D/F
FT 5-14-B	5	9" x 9" Brown Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 5	М	65 56	ND	NA
FT 5-15-A*		9" x 9" Brown Streaked Floor Tile and Associated Yellow Mastic - Floor Tile Only	Space 5	М		C, 19%	D/F
FT 5-15-B*		9" x 9" Brown Streaked Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 5	М		С, 3.4%	D/F
WG 6-16		Gray Glazing/Caulking Material	Space 5 - Windows	М		ND	NA
WG 6-17	6	Gray Glazing/Caulking Material	Space 5 - Windows	М	2 Windows	ND	NA
WG 6-18*		Gray Glazing/Caulking Material	Space 5 - Windows	М		ND	NA
TSI 7-19		Beige Brown Pipe Insulation	Space 6 - Straight Runs - Drain Pipes Attached to West Wall	TSI		ND	NA
TSI 7-20	7	Beige Brown Pipe Insulation	Space 6 - Straight Runs - Drain Pipes Attached to West Wall	TSI	7 Vertical Drain Pipes	ND	NA
TSI 7-21		Beige Brown Pipe Insulation	Space 6 - Straight Runs - Drain Pipes Attached to West Wall	TSI		ND	NA

HJ 8-22		White/Brown Pipe Insulation	Space 6 - Hard Joints - Drain Pipes Attached to West Wall	TSI		ND	NA
HJ 8-23	8	White/Brown Pipe Insulation	Space 6 - Hard Joints - Drain Pipes Attached to West Wall	TSI	7 Vertical Drain Pipes	ND	NA
HJ 8-24		White/Brown Pipe Insulation	Space 6 - Hard Joints - Drain Pipes Attached to West Wall	TSI		ND	NA
M 9-25		Black Mastic Material	Space 6 - Along Hard Joints and Brick Wall - Drain Pipes Attached to West Wall	М		C, 6%	G/NF
M 9-26	9	Black Mastic Material	Space 6 - Along Hard Joints and Brick Wall - Drain Pipes Attached to West Wall	М	7 Vertical Drain Pipes	C, 6%	G/NF
M 9-27*		Black Mastic Material	Space 6 - Along Hard Joints and Brick Wall - Drain Pipes Attached to West Wall	М		С, 1.3%	G/NF
HJ 10-28		Gray/White Pipe Insulation	Hard Joints - Small Diameter Piping	TSI		ND	NA
HJ 10-29	10	Gray/White Pipe Insulation	Hard Joints - Small Diameter Piping	TSI	25 Hard Joints	С, 30%	SD/F
НЈ 10-30		Gray/White Pipe Insulation	Hard Joints - Small Diameter Piping	TSI		C, 5%	SD/F
TSI 11-31		Beige Brown Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA
TSI 11-32	11	Beige Brown Pipe Insulation	Straight Runs - Small Diameter Piping	TSI	Process System Lines	ND	NA
TSI 11-33		Beige Brown Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA

LDP 12-34		Loading Dock Pads	Loading Docks	М		ND	NA
LDP 12-35	12	Loading Dock Pads	Loading Docks	М	22 Loading Dock Pads	ND	NA
LDP 12-36		Loading Dock Pads	Loading Docks	М		ND	NA
C 13-37		Brown Caulking Material	Exterior Door Frame	М		ND	NA
C 13-38	13	Brown Caulking Material	Exterior Door Frame	М	1 Door	ND	NA
C 13-39*		Brown Caulking Material	Exterior Door Frame	М		ND	NA
FH 14-40		Fire Hose	Throughout Homogeneous Area 12	М		ND	NA
FH 14-41	14	Fire Hose	Throughout Homogeneous Area 12	М	1 Fire Hose	ND	NA
FH 14-42		Fire Hose	Throughout Homogeneous Area 12	М		ND	NA
G 15-43		Black Gasket Material	Fire Department Lines	М		ND	NA
G 15-44	15	Black Gasket Material	Fire Department Lines	М	Fire Department Lines	ND	NA
G 15-45*		Black Gasket Material	Fire Department Lines	М		ND	NA

TSI 16-46		Beige/Gray Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI		ND	NA
TSI 16-47	16	Beige/Gray Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI	Process System Lines	ND	NA
TSI 16-48		Beige/Gray Pipe Insulation	Straight Runs - Medium Diameter Piping	TSI		ND	NA
НЈ 17-49		Gray/White Pipe Insulation	Hard Joints - Medium Diameter Piping	TSI		С, 20%	SD/F
HJ 17-50	17	Gray/White Pipe Insulation	Hard Joints - Medium Diameter Piping	TSI	10 Hard Joints	С, 20%	SD/F
HJ 17-51		Gray/White Pipe Insulation	Hard Joints - Medium Diameter Piping	TSI		С, 20%	SD/F
CC 18-52		Cloth Curtain	Space 6 - Suspended From Ceiling Deck	М		ND	NA
CC 18-53	18	Cloth Curtain	Space 6 - Suspended From Ceiling Deck	М	200 SF	ND	NA
CC 18-54		Cloth Curtain	Space 6 - Suspended From Ceiling Deck	М		ND	NA

#### **NOMENCLATURE AND NOTES:**

NA - Not Applicable; Entered into table when there is no asbestos detected in sample

\*TEM Analysis

**Sample Number Abbreviations** 

FT - Floor Tile and Associated Mastic

BBI - Kraft Paper-Faced Fibrous Glass Insulation

EJ - Expansion Joint Compound

WG - Window Glazing/Caulking Material

TSI - Thermal System Insulation

HJ - Hard Joint

M - Mastic

LDP - Loading Dock Pads

CC - Cloth Curtain

C - Caulk

FH - Fire Hose

G - Gasket

**Type and Percent Asbestos** 

C= Chrysotile

A = Amosite

CR = Crocidolite

ND = None Detected

Type of Material

M = Miscellaneous

SM = Surfacing Material

TSI = Thermal System Insulation

Measurements

SF = Square Feet

LF = Linear Feet

**Condition of Material** 

NF = Non-friable, F = Friable

G = Good; D = Damaged; SD = Significantly Damaged

These categories above apply only when

a material is identified as an ACM

#### TABLE 6

### ASBESTOS RESULTS - PLM AND TEM ANALYSES

## HOMOGENEOUS AREA NUMBER 13 DELTA MILLS PLANT 2 - 4351 BRICKYARD ROAD

#### WALLACE, SOUTH CAROLINA 29596

#### SAMPLED ON AUGUST 3 - 4, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
CB 1-1		Cement Boards	Space 1 - Walls and Ceilings	М		C, 15%	G/NF
CB 1-2	1	Cement Boards	Space 1 - Walls and Ceilings	М	1,150 SF	C, 15%	G/NF
CB 1-3		Cement Boards	Space 1 - Walls and Ceilings	М		C, 15%	G/NF
FH 2-4		Fire Hose	Throughout Homogeneous Area 13	М		ND	NA
FH 2-5	2	Fire Hose	Throughout Homogeneous Area 13	М	Fire Hoses	ND	NA
FH 2-6		Fire Hose	Throughout Homogeneous Area 13	М		ND	NA

FT 3-7-A		12" x 12" Beige Floor Tile #1 and Associated Black Mastic - Floor Tile Only	Along East Exterior Wall Adjacent to Space 1	М		С, 3%	SD/F
FT 3-7-B		12" x 12" Beige Floor Tile #1 and Associated Black Mastic - <i>Mastic Only</i>	Along East Exterior Wall Adjacent to Space 1	М		C, 2%	SD/F
FT 3-8-A	3	12" x 12" Beige Floor Tile #1 and Associated Black Mastic - Floor Tile Only	Along East Exterior Wall Adjacent to Space 1	М	150 SF	C, 3%	SD/F
FT 3-8-B	3	12" x 12" Beige Floor Tile #1 and Associated Black Mastic - <i>Mastic Only</i>	Along East Exterior Wall Adjacent to Space 1	М	130.35	C, 2%	SD/F
FT 3-9-A*		12" x 12" Beige Floor Tile #1 and Associated Black Mastic - Floor Tile Only	Along East Exterior Wall Adjacent to Space 1	М		C, 30%	SD/F
FT 3-9-B*		12" x 12" Beige Floor Tile #1 and Associated Black Mastic - <i>Mastic Only</i>	Along East Exterior Wall Adjacent to Space 1	М		С, 0.44%	NA
TSI 4-10-A		Grayish Thermal System Insulation	On Vaneaxial Fan	TSI		C, 25%	D/F
TSI 4-10-B		Cream Wrap	On Vaneaxial Fan	TSI		ND	NA
TSI 4-11-A	4	Grayish Thermal System Insulation	On Vaneaxial Fan	TSI	180 SE	C, 25%	D/F
TSI 4-11-B		Cream Wrap	On Vaneaxial Fan	TSI	- 180 SF	ND	NA
TSI 4-12-A		Grayish Thermal System Insulation	On Vaneaxial Fan	TSI		C, 25%	D/F
TSI 4-12-B		Cream Wrap	On Vaneaxial Fan	TSI		ND	NA

BBI 5-13		Kraft Paper-Faced Yellow Fibrous Glass Batt Insulation	Space 2 - Rooms 3 thru 5 - Behind Walls	М		ND	NA
BBI 5-14	5	Kraft Paper-Faced Yellow Fibrous Glass Batt Insulation	Space 2 - Rooms 3 thru 5 - Behind Walls	М	320 SF	ND	NA
BBI 5-15*		Kraft Paper-Faced Yellow Fibrous Glass Batt Insulation	Space 2 - Rooms 3 thru 5 - Behind Walls	М		ND	NA
BBI 6-16		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Spaces 2, 4, 6 and 9 - Behind Walls and Above Dropdown Ceiling	М		ND	NA
BBI 6-17	6	Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Spaces 2, 4, 6 and 9 - Behind Walls and Above Dropdown Ceiling	М	5,850 SF	ND	NA
BBI 6-18*		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Spaces 2, 4, 6 and 9 - Behind Walls and Above Dropdown Ceiling	М		ND	NA
TB 7-19-A		4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Spaces 2 and 3 - Base of Walls	М		ND	NA
TB 7-19-B		4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 2 and 3 - Base of Walls	М		C, 8%	SD/NF
TB 7-20-A	7	4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Spaces 2 and 3 - Base of Walls	М	500 LF	ND	NA
TB 7-20-B	,	4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 2 and 3 - Base of Walls	М	300 LF	ND	NA
TB 7-21-A*		4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Toe Boards Only</i>	Spaces 2 and 3 - Base of Walls	М		ND	NA
TB 7-21-B*		4" Brown Vinyl Toe Boards and Associated Yellow Mastic - <i>Mastic Only</i>	Spaces 2 and 3 - Base of Walls	М		ND	NA

CM 8-22		Cementious Material	Space 2 - Underneath Porcelain Faux Brick Floor Tiles	М		ND	NA
CM 8-23	8	Cementious Material	Space 2 - Underneath Porcelain Faux Brick Floor Tiles	М	900 SF	ND	NA
CM 8-24		Cementious Material	Space 2 - Underneath Porcelain Faux Brick Floor Tiles	М		ND	NA
FT 9-25-A		12" x 12" Cream Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 2 - Rooms 1 and 2 Space 3	М		ND	NA
FT 9-25-B		12" x 12" Cream Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Rooms 1 and 2 Space 3	М		ND	NA
FT 9-26-A	9	12" x 12" Cream Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 2 - Rooms 1 and 2 Space 3	М	1,245 SF	ND	NA
FT 9-26-B	J	12" x 12" Cream Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Rooms 1 and 2 Space 3	М	1,243 31	ND	NA
FT 9-27-A*		12" x 12" Cream Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 2 - Rooms 1 and 2 Space 3	М		C, 0.0055%	NA
FT 9-27-B*		12" x 12" Cream Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 2 - Rooms 1 and 2 Space 3	М		C, 0.44%	NA
DC 10-28		White Caulking Material	Around Doors in Vent Room #2 and #3	М		ND	NA
DC 10-29	10	White Caulking Material	Around Doors in Vent Room #2 and #3	М	16 Total Doors	ND	NA
DC 10-30*		White Caulking Material	Around Doors in Vent Room #2 and #3	М		C, 0.80% AN, 0.80%	G/NF

CT 11-31		1' x 1' Smooth Ceiling Tiles	Space 3	М		ND	NA
CT 11-32	11	1' x 1' Smooth Ceiling Tiles	Space 3	М	740 SF	ND	NA
CT 11-33		1' x 1' Smooth Ceiling Tiles	Space 3	М		ND	NA
BBI 12-34		Brown Bituminous Kraft Paper over Yellow Fibrous Glass Insulation	Space 3 - Around HVAC Ductwork	М		ND	NA
BBI 12-35	12	Brown Bituminous Kraft Paper over Yellow Fibrous Glass Insulation	Space 3 - Around HVAC Ductwork	М	300 SF	ND	NA
BBI 12-36*		Brown Bituminous Kraft Paper over Yellow Fibrous Glass Insulation	Space 3 - Around HVAC Ductwork	М		ND	NA
CT 13-37		1' x 1' Swirl Ceiling Tiles	Space 4 - Room 1	М		ND	NA
CT 13-38	13	1' x 1' Swirl Ceiling Tiles	Space 4 - Room 1	М	740 SF	ND	NA
CT 13-39		1' x 1' Swirl Ceiling Tiles	Space 4 - Room 1	М		ND	NA
CT 14-40		2' x 4' Wormhole Ceiling Tiles	Space 4 - Room 2 Space 9 - Rooms 3 thru 5	М		ND	NA
CT 14-41	14	2' x 4' Wormhole Ceiling Tiles	Space 4 - Room 2 Space 9 - Rooms 3 thru 5	М	2,200 SF	ND	NA
CT 14-42		2' x 4' Wormhole Ceiling Tiles	Space 4 - Room 2 Space 9 - Rooms 3 thru 5	М		ND	NA

M 15-43		Brown Mastic Material	Space 4 - Rooms 1 and 2 - Underneath Porcelain Faux Brick Floor Tiles	М		ND	NA
M 15-44	15	Brown Mastic Material	Space 4 - Rooms 1 and 2 - Underneath Porcelain Faux Brick Floor Tiles	М	980 SF	ND	NA
M 15-45*		Brown Mastic Material	Space 4 - Rooms 1 and 2 - Underneath Porcelain Faux Brick Floor Tiles	М		ND	NA
TB 16-46-A		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 5 - Base of Walls Space 9 - Rooms 3 and 5 - Base of Walls	М		ND	NA
TB 16-46-B		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 5 - Base of Walls Space 9 - Rooms 3 and 5 - Base of Walls	М		ND	NA
TB 16-47-A	16	4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 5 - Base of Walls Space 9 - Rooms 3 and 5 - Base of Walls	М	180 LF	ND	NA
TB 16-47-B	16	4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 5 - Base of Walls Space 9 - Rooms 3 and 5 - Base of Walls	М	100 LF	ND	NA
TB 16-48-A*		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 5 - Base of Walls Space 9 - Rooms 3 and 5 - Base of Walls	М		ND	NA
TB 16-48-B*		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 5 - Base of Walls Space 9 - Rooms 3 and 5 - Base of Walls	М		ND	NA
S 17-49		White Textured Surfacing Material	Space 5 - Ceiling	SM		ND	NA
S 17-50	17	White Textured Surfacing Material	Space 5 - Ceiling	SM	515 SF	ND	NA
S 17-51		White Textured Surfacing Material	Space 5 - Ceiling	SM		ND	NA

TB 18-52-A		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 7 - Room 1 - Base of Walls Space 9 - Room 7 - Base of Walls	М		ND	NA
TB 18-52-B		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 7 - Room 1 - Base of Walls Space 9 - Room 7 - Base of Walls	М		ND	NA
TB 18-53-A	18	4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 7 - Room 1 - Base of Walls Space 9 - Room 7 - Base of Walls	М	110 LF	ND	NA
TB 18-53-B	18	4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 7 - Room 1 - Base of Walls Space 9 - Room 7 - Base of Walls	М	110 LF	ND	NA
TB 18-54-A*		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Toe Boards Only</i>	Space 7 - Room 1 - Base of Walls Space 9 - Room 7 - Base of Walls	М		ND	NA
TB 18-54-B*		4" Black Vinyl Toe Boards and Associated Brown Mastic - <i>Mastic Only</i>	Space 7 - Room 1 - Base of Walls Space 9 - Room 7 - Base of Walls	М		ND	NA
CW 19-55		White Canvas Wrap Material	On AHU Adjacent to Space 7	М		ND	NA
CW 19-56	19	White Canvas Wrap Material	On AHU Adjacent to Space 7	М	200 SF	ND	NA
CW 19-57		White Canvas Wrap Material	On AHU Adjacent to Space 7	М		ND	NA
WG 20-58		Black/Gray Window Glaze/Caulking	Space 8 - Between Rooms 1 and 2	М		ND	NA
WG 20-59	20	Black/Gray Window Glaze/Caulking	Space 8 - Between Rooms 1 and 2	М	2 Windows	ND	NA
WG 20-60*		Black/Gray Window Glaze/Caulking	Space 8 - Between Rooms 1 and 2	М		ND	NA

PC 21-61		"Popcorn" Ceiling Texture	Space 2 - Ceilings	SM		ND	NA
PC 21-62		"Popcorn" Ceiling Texture	Space 2 - Ceilings	SM		ND	NA
PC 21-63	21	"Popcorn" Ceiling Texture	Space 2 - Ceilings	SM	1,170 SF	ND	NA
PC 21-64		"Popcorn" Ceiling Texture	Space 2 - Ceilings	SM		ND	NA
PC 21-65		"Popcorn" Ceiling Texture	Space 2 - Ceilings	SM		ND	NA
DW 22-66-A		Drywall Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-66-B		Joint Compound Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-67-A	22	Drywall Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM	5,100 SF	ND	NA
DW 22-67-B		Joint Compound Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-68-A		Drywall Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA

DW 22-68-B		Joint Compound Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-69-A		Drywall Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-69-B		Joint Compound Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-70-A		Drywall Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-70-B	22	Joint Compound Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM	5,100 SF	ND	NA
DW 22-71-A		Drywall Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-71-B		Joint Compound Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-72-A		Drywall Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA
DW 22-72-B		Joint Compound Layer	Space 2, Space 6 Space 4 - Room 2 - Two Walls Space 9 - Room 3 - 1 Wall Space 9 - Room 5 - 1 Wall	SM		ND	NA

FT 23-73-A		12" x 12" Black Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 1 thru 3	М		ND	NA
FT 23-73-B		12" x 12" Black Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 9 - Rooms 1 thru 3	М		ND	NA
FT 23-74-A	23	12" x 12" Black Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 1 thru 3	М	4 300 55	ND	NA
FT 23-74-B	23	12" x 12" Black Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 9 - Rooms 1 thru 3	М	1,300 SF	ND	NA
FT 23-75-A*		12" x 12" Black Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 1 thru 3	М		ND	NA
FT 23-75-B*		12" x 12" Black Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 9 - Rooms 1 thru 3	М		C, 0.45%	NA
FT 24-76-A		12" x 12" Off-White Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 4 thru 9	М		ND	NA
FT 24-76-B		12" x 12" Off-White Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 9 - Rooms 4 thru 9	М		ND	NA
FT 24-77-A	24	12" x 12" Off-White Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 4 thru 9	М	1,750 SF	ND	NA
FT 24-77-B	24	12" x 12" Off-White Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 9 - Rooms 4 thru 9	М	1,/30 3F	ND	NA
FT 24-78-A*		12" x 12" Off-White Floor Tile and Associated Yellow Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 4 thru 9	М		ND	NA
FT 24-78-B*		12" x 12" Off-White Floor Tile and Associated Yellow Mastic - <i>Mastic Only</i>	Space 9 - Rooms 4 thru 9	М		C, 0.15%	NA

FT 25-79-A		12" x 12" Beige Floor Tile #2 and Associated Tan Mastic - <i>Floor Tile Only</i>	Space 9 - Room 10 - Middle Layer	М		C, 3%	D/F
FT 25-79-B		12" x 12" Beige Floor Tile #2 and Associated Tan Mastic - <i>Mastic Only</i>	Space 9 - Room 10 - Middle Layer	М		ND	NA
FT 25-80-A	25	12" x 12" Beige Floor Tile #2 and Associated Tan Mastic - Floor Tile Only	Space 9 - Room 10 - Middle Layer	М	110 SF	C, 3%	D/F
FT 25-80-B	25	12" x 12" Beige Floor Tile #2 and Associated Tan Mastic - <i>Mastic Only</i>	Space 9 - Room 10 - Middle Layer	М	110.5F	ND	NA
FT 25-81-A*		12" x 12" Beige Floor Tile #2 and Associated Tan Mastic - <i>Floor Tile Only</i>	Space 9 - Room 10 - Middle Layer	М		C, 0.48%	NA
FT 25-81-B*		12" x 12" Beige Floor Tile #2 and Associated Tan Mastic - <i>Mastic Only</i>	Space 9 - Room 10 - Middle Layer	М		ND	NA
FT 26-82-A		9" x 9" Tan Floor Tile and Associated Brown Mastic - <i>Floor Tile Only</i>	Space 9 - Room 10 - Bottom Layer Space 9 - Room 2 - Only Layer	М		C, 3%	D/F
FT 26-82-B		9" x 9" Tan Floor Tile and Associated Brown Mastic - <i>Mastic Only</i>	Space 9 - Room 10 - Bottom Layer Space 9 - Room 2 - Only Layer	М		ND	NA
FT 26-83-A	26	9" x 9" Tan Floor Tile and Associated Brown Mastic - <i>Floor Tile Only</i>	Space 9 - Room 10 - Bottom Layer Space 9 - Room 2 - Only Layer	М	050 SE	C, 3%	D/F
FT 26-83-B		9" x 9" Tan Floor Tile and Associated Brown Mastic - <i>Mastic Only</i>	Space 9 - Room 10 - Bottom Layer Space 9 - Room 2 - Only Layer	М	- 950 SF	ND	NA
FT 26-84-A*		9" x 9" Tan Floor Tile and Associated Brown Mastic - <i>Floor Tile Only</i>	Space 9 - Room 10 - Bottom Layer Space 9 - Room 2 - Only Layer	М		ND	NA
FT 26-84-B*		9" x 9" Tan Floor Tile and Associated Brown Mastic - <i>Mastic Only</i>	Space 9 - Room 10 - Bottom Layer Space 9 - Room 2 - Only Layer	М		C, 0.46%	NA

FT 27-85-A		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 1 and 9 - 2nd (Bottom) Layer	М		C, 8%	D/F
FT 27-85-B		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 9 - Rooms 1 and 9 - 2nd (Bottom) Layer	М		C, 5%	D/F
FT 27-86-A	27	9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 1 and 9 - 2nd (Bottom) Layer	М	800 SF	C, 8%	D/F
FT 27-86-B	27	9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 9 - Rooms 1 and 9 - 2nd (Bottom) Layer	М	800 SF	C, 5%	D/F
FT 27-87-A*		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Floor Tile Only</i>	Space 9 - Rooms 1 and 9 - 2nd (Bottom) Layer	М		ND	NA
FT 27-87-B*		9" x 9" Brown Floor Tile and Associated Black Mastic - <i>Mastic Only</i>	Space 9 - Rooms 1 and 9 - 2nd (Bottom) Layer	М		С, 9.7%	D/F
VD 28-88		Black Vibration Dampener	Space 9 - Room 3 - HVAC Unit	М		ND	NA
VD 28-89	28	Black Vibration Dampener	Space 9 - Room 3 - HVAC Unit	М	1 Unit	ND	NA
VD 28-90		Black Vibration Dampener	Space 9 - Room 3 - HVAC Unit	М		ND	NA
DM 29-91		White Mastic	Space 9 - On Seams of HVAC Ventilation Ductwork Above Suspended Ceiling Tile System	TSI		ND	NA
DM 29-92	29	White Mastic	Space 9 - On Seams of HVAC Ventilation Ductwork Above Suspended Ceiling Tile System	TSI	100 SF	ND	NA
DM 29-93*		White Mastic	Space 9 - On Seams of HVAC Ventilation Ductwork Above Suspended Ceiling Tile System	TSI		ND	NA

BBI 30-94		Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 9 - Rooms 1 and 9 - In Wood Panel Wall Cavities	М		ND	NA
BBI 30-95	30	Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 9 - Rooms 1 and 9 - In Wood Panel Wall Cavities	М	675 SF	ND	NA
BBI 30-96*		Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 9 - Rooms 1 and 9 - In Wood Panel Wall Cavities	М		ND	NA
FB 31-97		Red Fire Bricks	Machine Pits	М		ND	NA
FB 31-98	31	Red Fire Bricks	Machine Pits	М	8,100 SF	ND	NA
FB 31-99		Red Fire Bricks	Machine Pits	М		ND	NA
FB 32-100		Tan Fire Bricks	Machine Pits	М		ND	NA
FB 32-101	32	Tan Fire Bricks	Machine Pits	М	14,500 SF	ND	NA
FB 32-102		Tan Fire Bricks	Machine Pits	М		ND	NA
TSI 33-103		Pink Insulation	Straight Runs - Large Diameter Piping	TSI		ND	NA
TSI 33-104	33	Pink Insulation	Straight Runs - Large Diameter Piping	TSI	150 LF	C, 15% A, 15%	SD/F
TSI 33-105		Pink Insulation	Straight Runs - Large Diameter Piping	TSI		C, 15% A, 15%	SD/F

TSI 34-106-A		Gray Insulation	Straight Runs - Medium Diameter Piping	TSI		C, 15% A, 15%	SD/F
TSI 34-106-B		Cream Wrap	Straight Runs - Medium Diameter Piping	TSI		ND	NA
TSI 34-107-A	34	Gray Insulation	Straight Runs - Medium Diameter Piping	TSI	1,450 LF	C, 15% A, 15%	SD/F
TSI 34-107-B		Cream Wrap	Straight Runs - Medium Diameter Piping	TSI		ND	NA
TSI 34-108		White Insulation	Straight Runs - Medium Diameter Piping	TSI		ND	NA
TSI 35-109-A		Gray Insulation	Hard Joints - Medium Diameter Piping	TSI		C, 15% A, 15%	SD/F
TSI 35-109-B		Cream Wrap	Hard Joints - Medium Diameter Piping	TSI		ND	NA
TSI 35-110-A	35	Gray Insulation	Hard Joints - Medium Diameter Piping	TSI	75 Hard Joints	C, 15% A, 15%	SD/F
TSI 35-110-B		Cream Wrap	Hard Joints - Medium Diameter Piping	TSI		ND	NA
TSI 35-111		Gray Insulation and Cream Wrap - Unable to Separate	Hard Joints - Medium Diameter Piping	TSI		C, 15% A, 15%	SD/F

TSI 36-112-A		Gray Insulation	Hard Joints - Large Diameter Piping	TSI		C, 15% A, 15%	SD/F
TSI 36-112-B		Cream Wrap	Hard Joints - Large Diameter Piping	TSI		ND	NA
TSI 36-113-A	36	Gray Insulation	Hard Joints - Large Diameter Piping	TSI	25 Hard	C, 15% A, 15%	SD/F
TSI 36-113-B	36	Cream Wrap	Hard Joints - Large Diameter Piping	TSI	Joints	ND	NA
TSI 36-114-A		Gray Insulation	Hard Joints - Large Diameter Piping	TSI		C, 15% A, 15%	SD/F
TSI 36-114-B		Cream Wrap	Hard Joints - Large Diameter Piping	TSI		ND	NA
TSI 37-115-A		Gray Insulation	Hard Joints and Straight Runs - Small Diameter Piping	TSI		C, 15% A, 15%	SD/F
TSI 37-115-B		Cream Wrap	Hard Joints and Straight Runs - Small Diameter Piping	TSI		ND	NA
TSI 37-116-A	37	Gray Insulation	Hard Joints and Straight Runs - Small Diameter Piping	TSI	80 Hard Joints	C, 15% A, 15%	SD/F
TSI 37-116-B	37	Cream Wrap	Hard Joints and Straight Runs - Small Diameter Piping	TSI	LF	ND	NA
TSI 37-117-A	_	Gray Insulation	Hard Joints and Straight Runs - Small Diameter Piping	TSI		C, 15% A, 15%	SD/F
TSI 37-117-B		Cream Wrap	Hard Joints and Straight Runs - Small Diameter Piping	TSI		ND	NA

TSI 38-118-A		Gray Insulation	Hard Joints	TSI		ND	NA
TSI 38-118-B		Cream Wrap	Hard Joints	TSI		ND	NA
TSI 38-119-A		Gray Insulation	Hard Joints	TSI	All Other	ND	NA
TSI 38-119-B	38	Cream Wrap	Hard Joints	TSI	Process System Lines	ND	NA
TSI 38-120-A		Gray Insulation	Hard Joints	TSI		ND	NA
TSI 38-120-B		Cream Wrap	Hard Joints	TSI		ND	NA
TSI 39-121		Brown Insulation	Straight Runs	TSI		ND	NA
TSI 39-122	39	Brown Insulation	Straight Runs	TSI	All Other Process System Lines	ND	NA
TSI 39-123		Brown Insulation	Straight Runs	TSI		ND	NA
C 40-124		White Caulking Material	Exterior Door Frames, Vents and Overhangs	М		ND	NA
C 40-125	40	White Caulking Material	Exterior Door Frames, Vents and Overhangs	М	90 LF	ND	NA
C 40-126*		White Caulking Material	Exterior Door Frames, Vents and Overhangs	М		ND	NA

C 41-127		Silver Caulking Material	Exterior Door Frame on West Side of Building	М		ND	NA
C 41-128	41	Silver Caulking Material	Exterior Door Frame on West Side of Building	М	20 LF	ND	NA
C 41-129*		Silver Caulking Material	Exterior Door Frame on West Side of Building	М		ND	NA

#### **NOMENCLATURE AND NOTES:**

NA - Not Applicable; Entered into table when there is no asbestos detected in sample

\*TEM Analysis

#### **Sample Number Abbreviations**

FT - Floor Tile and Associated Mastic

CT - Ceiling Tile

C - Caulking Material

CW - Canvas Wrap

BBI - Kraft Paper-Faced Fibrous Glass Insulation

TB - Toe Board and Mastic

**CB - Cement Board Panels** 

FH - Fire Hose

TSI - Thermal System Insulation

CM - Cementitious Material

DC - Door Caulk

S - Surfacing

PC - Popcorn Ceiling

DW - Drywall and Joint Compound

VD - Vibration Dampener

DM - Ductwork Mastic

M - Mastic

FB - Fire Brick

#### Type and Percent Asbestos

C= Chrysotile

A = Amosite

AN- Anthophyllite

ND = None Detected

Type of Material

M = Miscellaneous

SM = Surfacing Material

TSI = Thermal System Insulation

Measurements

SF = Square Feet

LF = Linear Feet

**Condition of Material** 

NF = Non-friable, F = Friable

G = Good; D = Damaged; SD = Significantly Damaged

These categories above apply only when

a material is identified as an ACM

# TABLE 7 ASBESTOS RESULTS - PLM AND TEM ANALYSES HOMOGENEOUS AREA NUMBER 14 DELTA MILLS PLANT 2 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

SAMPLED ON AUGUST 5, 2021

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
FT 1-1-A		12" x 12" Camo Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 6 (Rooms 2-8), Space 7 (Room 17), Space 3 (South End), Space 2 (Rooms 1 and 2), and Space 8 (Northeast Corner)	М		С, 3%	D/F
FT 1-1-B		12" x 12" Camo Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 6 (Rooms 2-8), Space 7 (Room 17), Space 3 (South End), Space 2 (Rooms 1 and 2), and Space 8 (Northeast Corner)	М		ND	NA
FT 1-2-A	1	12" x 12" Camo Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 6 (Rooms 2-8), Space 7 (Room 17), Space 3 (South End), Space 2 (Rooms 1 and 2), and Space 8 (Northeast Corner)	М	3,825 SF	С, 3%	D/F
FT 1-2-B		12" x 12" Camo Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 6 (Rooms 2-8), Space 7 (Room 17), Space 3 (South End), Space 2 (Rooms 1 and 2), and Space 8 (Northeast Corner)	М		ND	NA
FT 1-3*		12" x 12" Camo Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 6 (Rooms 2-8), Space 7 (Room 17), Space 3 (South End), Space 2 (Rooms 1 and 2), and Space 8 (Northeast Corner)	М		C, 2.6%	D/F

FT 2-4-A		12" x 12" Brown Speckled Floor Tile #1 and Associated Mastic - <i>Mastic 1 Only</i>	Space 3 - Bottom Layer	М		ND	NA
FT 2-4-B		12" x 12" Brown Speckled Floor Tile #1 and Associated Mastic - Floor Tile Only	Space 3 - Bottom Layer	м		C, 5%	D/F
FT 2-4-C		12" x 12" Brown Speckled Floor Tile #1 and Associated Mastic - Mastic 2 Only	Space 3 - Bottom Layer	М		C, 3%	D/F
FT 2-5-A	2	12" x 12" Brown Speckled Floor Tile #1 and Associated Mastic - <i>Mastic 1 Only</i>	Space 3 - Bottom Layer	М	1,430 SF	ND	NA
FT 2-5-B		12" x 12" Brown Speckled Floor Tile #1 and Associated Mastic - Floor Tile Only	Space 3 - Bottom Layer	М		C, 5%	D/F
FT 2-5-C		12" x 12" Brown Speckled Floor Tile #1 and Associated Mastic - Mastic 2 Only	Space 3 - Bottom Layer	М		C, 3%	D/F
FT 2-6*		12" x 12" Brown Speckled Floor Tile #1 and Associated Mastic	Space 3 - Bottom Layer	М		С, 0.29%	D/F
FT 3-7-A		12" x 12" Beige Floor Tile and Associated Mastic - <i>Floor Tile Only</i>	Space 3 - North End - Top Layer	М		C, 3%	D/F
FT 3-7-B		12" x 12" Beige Floor Tile and Assoticated Mastic - <i>Mastic Only</i>	Space 3 - North End - Top Layer	М		ND	NA
FT 3-8-A	3	12" x 12" Beige Floor Tile and Assoticated Mastic - Floor Tile Only	Space 3 - North End - Top Layer	М	1,090 SF	C, 3%	D/F
FT 3-8-B		12" x 12" Beige Floor Tile and Assoticated Mastic - <i>Mastic Only</i>	Space 3 - North End - Top Layer	М		ND	NA
FT 3-9*		12" x 12" Beige Floor Tile and Assoticated Mastic - <i>Mastic Only</i>	Space 3 - North End - Top Layer	М		C, 2.6%	D/F

FT 4-10-A		12" x 12" Off-White Streaked Floor Tile and Associated Mastic - Floor Tile Only	Space 6 - Rooms 1, 9, 11, and 13 Space 7 - Rooms 6 and 9 Space 8 - Northeast Corner	М		C, 2%	D/F
FT 4-10-A		12" x 12" Off-White Streaked Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 6 - Rooms 1, 9, 11, and 13 Space 7 - Rooms 6 and 9 Space 8 - Northeast Corner	М		ND	NA
FT 4-11-A	4	12" x 12" Off-White Streaked Floor Tile and Associated Mastic - Floor Tile Only	Space 6 - Rooms 1, 9, 11, and 13 Space 7 - Rooms 6 and 9 Space 8 - Northeast Corner	М	2,010 SF	C, 2%	D/F
FT 4-11-A		12" x 12" Off-White Streaked Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 6 - Rooms 1, 9, 11, and 13 Space 7 - Rooms 6 and 9 Space 8 - Northeast Corner	М		ND	NA
FT 4-12*		12" x 12" Off-White Streaked Floor Tile and Associated Mastic - <i>Mastic Only</i>	Space 6 - Rooms 1, 9, 11, and 13 Space 7 - Rooms 6 and 9 Space 8 - Northeast Corner	М		С, 3.9%	D/F
FT 5-13-A		12" X 12" Camo Floor Tile #2 and Associated Mastic - Floor Tile Only	Space 6 - Room 15 Space 1 - Top Layer	М		C, 5%	D/F
FT 5-13-A		12" X 12" Camo Floor Tile #2 - Mastic Only	Space 6 - Room 15 Space 1 - Top Layer	М		ND	NA
FT 5-14-A	5	12" X 12" Camo Floor Tile #2 - Floor <i>Tile Only</i>	Space 6 - Room 15 Space 1 - Top Layer	М	385 SF	C, 5%	D/F
FT 5-14-A		12" X 12" Camo Floor Tile #2 - <i>Mastic Only</i>	Space 6 - Room 15 Space 1 - Top Layer	М		ND	NA
FT 5-15*		12" X 12" Camo Floor Tile #2 - Mastic Only	Space 6 - Room 15 Space 1 - Top Layer	М		С, 2.7%	D/F

FT 6-16-A		12" x 12" Tan Speckled Floor Tile - Floor Tile Only	Space 7 - Room 4 - Top Layer	М		ND	NA
FT 6-16-B		12" x 12" Tan Speckled Floor Tile - <i>Mastic Only</i>	Space 7 - Room 4 - Top Layer	М		ND	NA
FT 6-17-A	6	12" x 12" Tan Speckled Floor Tile - Floor Tile Only	Space 7 - Room 4 - Top Layer	М	240 SF	ND	NA
FT 6-17-B	6	12" x 12" Tan Speckled Floor Tile - <i>Mastic Only</i>	Space 7 - Room 4 - Top Layer	М	- 240 SF	ND	NA
FT 6-18-A*		12" x 12" Tan Speckled Floor Tile - Floor Tile Only	Space 7 - Room 4 - Top Layer	М		C, 7.4%	D/F
FT 6-18-B*		12" x 12" Tan Speckled Floor Tile - <i>Mastic Only</i>	Space 7 - Room 4 - Top Layer	М		С, 0.43%	NA
FT 7-19-A		12" x 12" White Streaked Floor Tile #2 - Floor Tile Only	Space 7 - Rooms 5 and 15 Space 6 - Room 9	М		С, 3%	D/F
FT 7-19-B		12" x 12" White Streaked Floor Tile #2 - <i>Mastic</i> <i>Only</i>	Space 7 - Rooms 5 and 15 Space 6 - Room 9	М		ND	NA
FT 7-20-A	7	12" x 12" White Streaked Floor Tile #2 - Floor Tile Only	Space 7 - Rooms 5 and 15 Space 6 - Room 9	M	550 SF	С, 3%	D/F
FT 7-20-B		12" x 12" White Streaked Floor Tile #2 - <i>Mastic</i> <i>Only</i>	Space 7 - Rooms 5 and 15 Space 6 - Room 9	М		ND	NA
FT 7-21*		12" x 12" White Streaked Floor Tile #2 -  Mastic Only	Space 7 - Rooms 5 and 15 Space 6 - Room 9	М		C, 3.9%	D/F

FT 8-22-A		12" x 12" Brown Speckled Floor Tile #2 - Floor Tile Only	Space 7 - Room 13	М		C, 3%	D/F
FT 8-22-B	8	12" x 12" Brown Speckled Floor Tile #2 - Mastic Only	Space 7 - Room 13	М		C, 3%	D/F
FT 8-23-A		12" x 12" Brown Speckled Floor Tile #2 - Floor Tile Only	Space 7 - Room 13	М	500 SF	C, 3%	D/F
FT 8-23-B		12" x 12" Brown Speckled Floor Tile #2 - Mastic Only	Space 7 - Room 13	М		С, 3%	D/F
FT 8-24*		12" x 12" Brown Speckled Floor Tile #2	Space 7 - Room 13	М		С, 3%	D/F
FT 9-25-A		9" x 9" Cream Floor Tile - Floor Tile Only	Space 6 - Rooms 6 and 16 Space 7 - Room 2 and 3	М		С, 3%	D/F
FT 9-25-B		9" x 9" Cream Floor Tile - <i>Mastic Only</i>	Space 6 - Rooms 6 and 16 Space 7 - Room 2 and 3	М		ND	NA
FT 9-26-A	9	9" x 9" Cream Floor Tile - Floor Tile Only	Space 6 - Rooms 6 and 16 Space 7 - Room 2 and 3	М	1,675 SF	С, 3%	D/F
FT 9-26-B	3	9" x 9" Cream Floor Tile - <i>Mastic Only</i>	Space 6 - Rooms 6 and 16 Space 7 - Room 2 and 3	М	1,073 31	ND	ND
FT 9-27-A*	_	9" x 9" Cream Floor Tile - Floor Tile Only	Space 6 - Rooms 6 and 16 Space 7 - Room 2 and 3	М		C, 15%	D/F
FT 9-27-B*		9" x 9" Cream Floor Tile - <i>Mastic Only</i>	Space 6 - Rooms 6 and 16 Space 7 - Room 2 and 3	М		C, 2.5%	D/F

FT 10-28-A	10	9" x 9" Brown Streaked Floor Tile - Floor Tile Only	Space 6 - Rooms 1 thru 5, 7 (Bottom Layer), 8, 10 thru 13, Hall - Top Layer Space 7 - Rooms 6 thru 8, 9 (Bottom Layer), 10 thru 12 - Top Layer	М		С, 6%	D/F
FT 10-28-B		9" x 9" Brown Streaked Floor Tile - <i>Mastic</i> <i>Only</i>	Space 6 - Rooms 1 thru 5, 7 (Bottom Layer), 8, 10 thru 13, Hall - Top Layer Space 7 - Rooms 6 thru 8, 9 (Bottom Layer), 10 thru 12 - Top Layer	М		С, 3%	D/F
FT 10-29-A		9" x 9" Brown Streaked Floor Tile - Floor Tile Only	Space 6 - Rooms 1 thru 5, 7 (Bottom Layer), 8, 10 thru 13, Hall - Top Layer Space 7 - Rooms 6 thru 8, 9 (Bottom Layer), 10 thru 12 - Top Layer	М	4,250 SF	C, 6%	D/F
FT 10-29-B		9" x 9" Brown Streaked Floor Tile - <i>Mastic</i> <i>Only</i>	Space 6 - Rooms 1 thru 5, 7 (Bottom Layer), 8, 10 thru 13, Hall - Top Layer Space 7 - Rooms 6 thru 8, 9 (Bottom Layer), 10 thru 12 - Top Layer	М		С, 3%	D/F
FT 10-30*		9" x 9" Brown Streaked Floor Tile	Space 6 - Rooms 1 thru 5, 7 (Bottom Layer), 8, 10 thru 13, Hall - Top Layer Space 7 - Rooms 6 thru 8, 9 (Bottom Layer), 10 thru 12 - Top Layer	М		С, 3%	D/F
FT 11-31-A		9" x 9" Brown Marbled Floor Tile - <i>Floor Tile</i> <i>Only</i>	Space 6 - Rooms 14 and 15 - Top and Bottom Layers	М		C, 5%	D/F
FT 11-31-B		9" x 9" Brown Marbled Floor Tile - <i>Mastic Only</i>	Space 6 - Rooms 14 and 15 - Top and Bottom Layers	М		ND	NA
FT 11-32-A	''	9" x 9" Brown Marbled Floor Tile - Floor Tile Only	Space 6 - Rooms 14 and 15 - Top and Bottom Layers	М	275 SF	C, 5%	D/F
FT 11-32-B		9" x 9" Brown Marbled Floor Tile - <i>Mastic Only</i>	Space 6 - Rooms 14 and 15 - Top and Bottom Layers	М		ND	NA
FT 11-33*		9" x 9" Brown Marbled Floor Tile - <i>Mastic</i> <i>Only</i>	Space 6 - Rooms 14 and 15 - Top and Bottom Layers	М		C, 1.3%	D/F

FT 12-34-A	-	9" x 9" Olive Green Floor Tile - Floor Tile Only	Space 7 - Room 3 (Hallway), 4, and 5 (Hidden Chase)	М		ND	NA
FT 12-34-B		9" x 9" Olive Green Floor Tile - <i>Mastic Only</i>	Space 7 - Room 3 (Hallway), 4, and 5 (Hidden Chase)	М		ND	NA
FT 12-35-A	- 12	9" x 9" Olive Green Floor Tile - Floor Tile Only	Space 7 - Room 3 (Hallway), 4, and 5 (Hidden Chase)	М	505 SF	ND	NA
FT 12-35-B		9" x 9" Olive Green Floor Tile - <i>Mastic Only</i>	Space 7 - Room 3 (Hallway), 4, and 5 (Hidden Chase)	М	303 31	ND	NA
FT 12-36-A*		9" x 9" Olive Green Floor Tile - Floor Tile Only	Space 7 - Room 3 (Hallway), 4, and 5 (Hidden Chase)	М		С, 0.36%	NA
FT 12-36-B*		9" x 9" Olive Green Floor Tile - <i>Mastic Only</i>	Space 7 - Room 3 (Hallway), 4, and 5 (Hidden Chase)	М		C, 0.46%	NA
FT 13-37-A		9" x 9" Brown Coffee Floor Tile - <i>Floor Tile</i> <i>Only</i>	Space 7 - Room 16	М		ND	NA
FT 13-37-B		9" x 9" Brown Coffee Floor Tile - <i>Mastic Only</i>	Space 7 - Room 16	М		C, 3%	D/F
FT 13-38-A	13	9" x 9" Brown Coffee Floor Tile - <i>Floor Tile</i> <i>Only</i>	Space 7 - Room 16	М	225 SF	ND	NA
FT 13-38-B		9" x 9" Brown Coffee Floor Tile - <i>Mastic Only</i>	Space 7 - Room 16	М		С, 3%	D/F
FT 13-39*		9" x 9" Brown Coffee Floor Tile	Space 7 - Room 16	М		C, 0.22%	NA

BBI 14-40		Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 3 - Above Ceiling and East Wall Space 6 - Rooms 6 and 16 (Ceiling) Space 7 - Room 4 except South Wall and Room 5 (Walls)	М		ND	NA
BBI 14-41	14	Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 3 - Above Ceiling and East Wall Space 6 - Rooms 6 and 16 (Ceiling) Space 7 - Room 4 except South Wall and Room 5 (Walls)	М	4,450 SF	ND	NA
BBI 14-42*		Kraft Paper-Faced Tan Fibrous Glass Batt Insulation	Space 3 - Above Ceiling and East Wall Space 6 - Rooms 6 and 16 (Ceiling) Space 7 - Room 4 except South Wall and Room 5 (Walls)	М		ND	NA
BBI 15-43		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 6 - Room 12 (West Wall), Room 13 (West Wall), and Room 14 (West Wall) Space 7 - Room 5 (Ceiling)	М		ND	NA
BBI 15-44	15	Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 6 (Room 12 West Wall), Room 13 (West Wall), Room 14 (West Wall), Space 7 (Room 5 Ceiling)	М	530 SF	ND	NA
BBI 15-45*		Kraft Paper-Faced Pink Fibrous Glass Batt Insulation	Space 6 (Room 12 West Wall, Room 13 West Wall, Room 14 West Wall), Space 7 (Room 5 Ceiling)	М		ND	NA
CT 16-46		1' x 1' Wormhole Ceiling Tile	Space 3	М		ND	NA
CT 16-47	16	1' x 1' Wormhole Ceiling Tile	Space 3	М	30 SF	ND	NA
CT 16-48		1' x 1' Wormhole Ceiling Tile	Space 3	М		ND	NA

CT 17-49		1' x 1' Smooth Ceiling Tile	Space 5	М		ND	NA
CT 17-50	17	1' x 1' Smooth Ceiling Tile	Space 5	М	180 SF	ND	NA
CT 17-51		1' x 1' Smooth Ceiling Tile	Space 5	М		ND	NA
CT 18-52		1' x 1' Swirl Ceiling Tile	Space 6 - Rooms 1 and 6	М		ND	NA
CT 18-53	18	1' x 1' Swirl Ceiling Tile	Space 6 - Rooms 1 and 6	М	990 SF	ND	NA
CT 18-54		1' x 1' Swirl Ceiling Tile	Space 6 - Rooms 1 and 6	М		ND	NA
TB 19-55-A		4" Black Vinyl Toe Boards and Associated Mastic - <i>Toe Boards Only</i>	Space 4 and Space 9 - Base of Walls	М		ND	NA
TB 19-55-B		4" Black Vinyl Toe Boards and Associated Mastic - <i>Mastic Only</i>	Space 4 and Space 9 - Base of Walls	М		ND	NA
TB 19-56-A	19	4" Black Vinyl Toe Boards and Associated Mastic - <i>Toe Boards Only</i>	Space 4 and Space 9 - Base of Walls	М	110 LF	ND	NA
TB 19-56-B		4" Black Vinyl Toe Boards and Associated Mastic - <i>Mastic Only</i>	Space 4 and Space 9 - Base of Walls	М		ND	NA
TB 19-57*		4" Black Vinyl Toe Boards and Associated Mastic	Space 4 and Space 9 - Base of Walls	М		ND	NA

TB 20-58-A		4" Black Vinyl Toe Boards #2 and Associated Mastic - <i>Toe Boards Only</i>	Space 5	М		ND	NA
TB 20-58-B		4" Black Vinyl Toe Board #2 and Associated Mastic - <i>Mastic Only</i>	Space 5	М		ND	NA
TB 20-59-A	20	4" Black Vinyl Toe Boards #2 and Associated Mastic- <i>Toe Boards Only</i>	Space 5	М	60 LF	ND	NA
TB 20-59-B		4" Black Vinyl Toe Board #2 and Associated Mastic- <i>Mastic Only</i>	Space 5	М		ND	NA
TB 20-60*		4" Black Vinyl Toe Board #2 and Associated Mastic	Space 5	М		ND	NA
WPM 21-61		Mastic on Wood Panel Walls	Space 6 - Rooms 6 and 16	М		ND	NA
WPM 21-62	21	Mastic on Wood Panel Walls	Space 6 - Rooms 6 and 16	М	1,400 SF	ND	NA
WPM 21-63*		Mastic on Wood Panel Walls	Space 6 - Rooms 6 and 16	М		ND	NA
FF 22-64		Red Floor Felt Under Wood Floor	Space 7 - In Hallway Adjacent to Rooms 13 and 14	М		ND	NA
FF 22-65	22	Red Floor Felt Under Wood Floor	Space 7 - In Hallway Adjacent to Rooms 13 and 14	М	100 SF	ND	NA
FF 22-66		Red Floor Felt Under Wood Floor	Space 7 - In Hallway Adjacent to Rooms 13 and 14	М		ND	NA

M 23-67		Mastic Underneath Stair Mats	Space 7 - Two Stairwells	М		ND	NA
M 23-68	23	Mastic Underneath Stair Mats	Space 7 - Two Stairwells	М	105 SF	ND	NA
M 23-69*		Mastic Underneath Stair Mats	Space 7 - Two Stairwells	М		ND	NA
VD 24-70		Vibration Dampener	Space 7 - Room 1 - HVAC Unit	М		ND	NA
VD 24-71	24	Vibration Dampener	Space 7 - Room 1 - HVAC Unit	М	1 Unit	ND	NA
VD 24-72		Vibration Dampener	Space 7 - Room 1 - HVAC Unit	М		ND	NA
BBI 25-73		Brown Kraft Paper over Yellow Fibrous Glass around HVAC Ductwork	Space 7 - Room 1	М		ND	NA
BBI 25-74	25	Brown Kraft Paper over Yellow Fibrous Glass around HVAC Ductwork	Space 7 - Room 1	М	1,120 SF	ND	NA
BBI 25-75*		Brown Kraft Paper over Yellow Fibrous Glass around HVAC Ductwork	Space 7 - Room 1	М		ND	NA
S 26-76		Surfacing Material	Space 10 - Ceiling Deck	SM		ND	NA
S 26-77	26	Surfacing Material	Space 10 - Ceiling Deck	SM	660 SF	ND	NA
S 26-78		Surfacing Material	Space 10 - Ceiling Deck	SM		ND	NA

S 27-79		Surfacing Material	Space 9 - Ceiling Deck	SM		ND	NA
S 27-80	27	Surfacing Material	Space 9 - Ceiling Deck	SM	155 SF	ND	NA
S 27-81		Surfacing Material	Space 9 - Ceiling Deck	SM		ND	NA
FH 28-82		Fire Hose	Throughout Homogeneous Area 14	М		ND	NA
FH 28-83	28	Fire Hose	Throughout Homogeneous Area 14	М	Fire Hoses	ND	NA
FH 28-84		Fire Hose	Throughout Homogeneous Area 14	М		ND	NA
TSI 29-85		Tan and Gray Pipe Insulation and Wrap - Cannot Separate Layers	Straight Runs - Medium Diameter Piping	TSI		C, 30% A 10%	, SD/F
TSI 29-86	29	Tan and Gray Pipe Insulation and Wrap - Cannot Separate Layers	Straight Runs - Medium Diameter Piping	TSI	650 LF	C, 30% A 10%	' SD/F
TSI 29-87		Tan and Gray Pipe Insulation and Wrap - Cannot Separate Layers	Straight Runs - Medium Diameter Piping	TSI		C, 30% A 10%	' SD/F
TSI 30-88		Tan and Gray Pipe Insulation and Wrap - Cannot Separate Layers	Straight Runs - Large Diameter Piping	TSI		C, 30% A 10%	' SD/F
TSI 30-89	30	Tan and Gray Pipe Insulation and Wrap - Cannot Separate Layers	Straight Runs - Large Diameter Piping	TSI	80 LF	C, 30% A	' SD/F
TSI 30-90		Tan and Gray Pipe Insulation and Wrap - Cannot Separate Layers	Straight Runs - Large Diameter Piping	TSI		C, 30% A	' SD/F

DW 31-91-A		Drywall Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall) Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM		ND	NA		
DW 31-91-B		Joint Compound Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall) Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM		С, 3%	SD/F		
DW 31-92-A	31	Drywall Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall)  Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM	_	ND	NA		
DW 31-92-B		31	31	Joint Compound Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall) Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM	< 5,000 SF	С, 3%	SD/F
DW 31-93-A		Drywall Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall)  Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM		ND	NA		
DW 31-93-B		Joint Compound Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall) Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM		С, 3%	SD/F		
DW 31-94-A		Drywall Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall)  Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM		ND	NA		

DW 31-94-B	31	Joint Compound Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall) Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM	45.000.55	С, 3%	SD/F
DW 31-95		Drywall Layer	Space 6 - Room 7 (Two Walls), Room 8 (One Wall) Space 7 - Room 7 (Three Walls), Room 8 (Three Walls), Room 9 (One Wall), Room 10 (Three Walls), and Room 12 (Three Walls)	SM	- < 5, 000 SF	ND	NA
TSI 32-96		White Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA
TSI 32-97	32	White Pipe Insulation	Straight Runs - Small Diameter Piping	TSI	Process System Lines	ND	NA
TSI 32-98		White Pipe Insulation	Straight Runs - Small Diameter Piping	TSI		ND	NA
TSI 33-99		Gray Pipe Insulation	Hard Joints - Large Diameter Piping	TSI		C, 30% A,	SD/F
TSI 33-100	33	Gray Pipe Insulation	Hard Joints - Large Diameter Piping	TSI	5 Hard Joints	C, 30% A,	SD/F
TSI 33-101		Gray Pipe Insulation	Hard Joints - Large Diameter Piping	TSI		C, 30% A,	SD/F
TSI 34-102		Gray Pipe Insulation	Hard Joints - Medium Diameter Piping	TSI		C, 30% A, 3%	SD/F
TSI 34-103	34	Gray Pipe Insulation	Hard Joints - Medium Diameter Piping	TSI	25 Hard Joints	C, 30% A,	SD/F
TSI 34-104		Gray Pipe Insulation	Hard Joints - Medium Diameter Piping	TSI		C, 30% A, 10%	SD/F

TSI 35-105-A		White Wrap	Hard Joints - Small Diameter Piping	TSI		ND	NA
TSI 35-105-B		Gray Pipe Insulation	Hard Joints - Small Diameter Piping	TSI		ND	NA
TSI 35-106-A	35	White Wrap	Hard Joints - Small Diameter Piping	TSI	30 Hard Joints	ND	NA
TSI 35-106-B		Gray Pipe Insulation	Hard Joints - Small Diameter Piping	TSI		ND	NA
TSI 35-107		White Wrap and Gray Insulation - Cannot Separate Layers	Hard Joints - Small Diameter Piping	TSI		С, 20%	SD/F
DW 36-108	36	Canvas Wrap and Insulation on HVAC Ductwork - Cannot Separate Layers	Spaces 6 and 7	TSI		С, 30%	SD/F
DW 36-109-A		Canvas Wrap and Insulation on HVAC Ductwork - <i>Insulation Only</i>	Spaces 6 and 7	TSI	100 LF	ND	NA
DW 36-109-B	30	Canvas Wrap and Insulation on HVAC Ductwork - <i>Wrap Only</i>	Spaces 6 and 7	TSI	100 LF	ND	NA
DW 36-110		Canvas Wrap and Insulation on HVAC Ductwork - Cannot Separate Layers	Spaces 6 and 7	TSI		С, 20%	SD/F
CW 37-111		HVAC water pipes Canvas Wrap Straight Runs	Spaces 6 and 7	TSI		ND	NA
CW 37-112	37	HVAC water pipes Canvas Wrap Straight Runs	Spaces 6 and 7	TSI	HVAC Ductwork	ND	NA
CW 37-113		HVAC water pipes Canvas Wrap Straight Runs	Spaces 6 and 7	TSI		ND	NA

НЈ 38-114-А	38	Hard Joints HVAC water pipes Canvas Wrap Straight Runs - <i>Wrap Only</i>	Spaces 6 and 7	TSI		ND	NA
HJ 38-114-B		Hard Joints HVAC water pipes Canvas Wrap Straight Runs - <i>Insulation Only</i>	Spaces 6 and 7	TSI		ND	NA
НЈ 38-115-А		Hard Joints HVAC water pipes Canvas Wrap Straight Runs - <i>Wrap Only</i>	Spaces 6 and 7	TSI	HVAC Ductwork	ND	NA
НЈ 38-115-В		Hard Joints HVAC water pipes Canvas Wrap Straight Runs - <i>Insulation Only</i>	Spaces 6 and 7	TSI	HVAC DUCTWORK	ND	NA
НЈ 38-116-А		Hard Joints HVAC water pipes Canvas Wrap Straight Runs - <i>Wrap Only</i>	Spaces 6 and 7	TSI		ND	NA
НЈ 38-116-В		Hard Joints HVAC water pipes Canvas Wrap Straight Runs - <i>Insulation Only</i>	Spaces 6 and 7	TSI		ND	NA
G 39-117		Gaskets	Process System Flanges	М		ND	NA
G 39-118	39	Gaskets	Process System Flanges	М	Process System Flanges	ND	NA
G 39-119*		Gaskets	Process System Flanges	М		ND	NA
LDP 40-120		Loading Dock Pads	Loading Docks	М		ND	NA
LDP 40-121	40	Loading Dock Pads	Loading Docks	М	5 Loading Dock Pads	ND	NA
LDP 40-122		Loading Dock Pads	Loading Docks	М		ND	NA

#### **NOMENCLATURE AND NOTES:**

#### $\ensuremath{\mathsf{NA}}$ - $\ensuremath{\mathsf{Not}}$ Applicable; Entered into table when there is no asbestos detected in sample

\*TEM Analysis

#### **Sample Number Abbreviations**

WPM - Wood Panel Mastic

FT - Floor Tile and Associated Mastic

CT - Ceiling Tile

FF - Floor Felt

CW - Canvas Wrap

BBI - Kraft Paper-Faced Fibrous Glass Insulation

TB - Toe Board and Mastic

VD - Vibration Dampener

S - Surfacing

M - Mastic

FH - Fire Hose

TSI - Thermal System Insulation

DW - Drywall and Joint Compound

DW - Ductwork Mastic

HJ - Hard Joints

LDP - Loading Dock Pads

G - Gaskets

#### **Type and Percent Asbestos**

C = Chrysotile

A = Amosite

ND = None Detected

#### Type of Material

M = Miscellaneous

SM = Surfacing Material

TSI = Thermal System Insulation

#### Measurements

SF = Square Feet LF = Linear Feet **Condition of Material** 

NF = Non-friable, F = Friable

G = Good; D = Damaged; SD = Significantly Damaged

These categories above apply only when

a material is identified as an ACM

#### TABLE 8 **ASBESTOS RESULTS - PLM AND TEM ANALYSES** ROOFS

#### DELTA MILLS PLANT 2 AND 3 - 4351 BRICKYARD ROAD WALLACE, SOUTH CAROLINA 29596

#### **SAMPLED ON AUGUST 9, 2021**

Sample Number	Homogeneous Area Number	Material Description	Homogeneous Area Description	Type of Material	Total Amount	Type and % Asbestos	Condition
		ном	//OGENEOUS AREA 4 - ROOF				
BUR 1-1-A		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 1-1-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 1-2-A	1	Black Bituminous Built-Up Roof Material	Roof	М	115,000 SF	ND	NA
BUR 1-2-B	1	Yellow Roof Insulation	Roof	М	113,000 3F	ND	NA
BUR 1-3-A*		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 1-3-B*		Yellow Roof Insulation	Roof	М	1	ND	NA
CB 2-4		Cement Board Siding	Exterior Siding of Structure on Roof	М		C, 5%	G/NF
CB 2-5	2	Cement Board Siding	Exterior Siding of Structure on Roof	М	1,600 SF	С, 15%	G/NF
CB 2-6		Cement Board Siding	Exterior Siding of Structure on Roof	М		C, 15%	G/NF

	Gray Caulking/Sealant Material	Aluminum Siding - Screw Locations	М		ND	NA
3	Gray Caulking/Sealant Material	Aluminum Siding - Screw Locations	М	1 SF	ND	NA
	Gray Caulking/Sealant Material	Aluminum Siding - Screw Locations	М		C, 0.22%	NA
	Silver Flashing Material	Along South Parapet Wall	М		ND	NA
4	Silver Flashing Material	Along South Parapet Wall	М	420 SF	ND	NA
	Silver Flashing Material	Along South Parapet Wall	М		ND	NA
	Cement Boards	Underneath Built Up Roofing Along Roof Midline	М		C, 15%	G/NF
5	Cement Boards	Underneath Built Up Roofing Along Roof Midline	М	24,000 SF	C, 15%	G/NF
	Cement Boards	Underneath Built Up Roofing Along Roof Midline	М		C, 15%	G/NF
	Black Flashing Material	On Roof Penetrations, Structures and Parapet Walls	М		ND	NA
6	Black Flashing Material	On Roof Penetrations, Structures and Parapet Walls	М	150 Penetrations	ND	NA
	Black Flashing Material	On Roof Penetrations, Structures and Parapet Walls	М		ND	NA
	5	3 Gray Caulking/Sealant Material Gray Caulking/Sealant Material Silver Flashing Material Silver Flashing Material  Cement Boards  Cement Boards  Black Flashing Material  Black Flashing Material	3 Gray Caulking/Sealant Material Aluminum Siding - Screw Locations  Gray Caulking/Sealant Material Aluminum Siding - Screw Locations  Silver Flashing Material Along South Parapet Wall  4 Silver Flashing Material Along South Parapet Wall  Silver Flashing Material Along South Parapet Wall  Cement Boards Underneath Built Up Roofing Along Roof Midline  Cement Boards Underneath Built Up Roofing Along Roof Midline  Cement Boards Underneath Built Up Roofing Along Roof Midline  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls  On Roof Penetrations, Structures and Parapet Walls  On Roof Penetrations, Structures and Parapet Walls  On Roof Penetrations, Structures and Parapet Walls	Gray Caulking/Sealant Material Aluminum Siding - Screw Locations M  Gray Caulking/Sealant Material Aluminum Siding - Screw Locations M  Silver Flashing Material Along South Parapet Wall M  Silver Flashing Material Along South Parapet Wall M  Silver Flashing Material Along South Parapet Wall M  Cement Boards Underneath Built Up Roofing Along Roof Midline M  Cement Boards Underneath Built Up Roofing Along Roof Midline M  Cement Boards Underneath Built Up Roofing Along Roof Midline M  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls M  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls M  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls M	3 Gray Caulking/Sealant Material Aluminum Siding - Screw Locations M  Gray Caulking/Sealant Material Aluminum Siding - Screw Locations M  Silver Flashing Material Along South Parapet Wall M  Silver Flashing Material Along South Parapet Wall M  Silver Flashing Material Along South Parapet Wall M  Cement Boards Underneath Built Up Roofing Along Roof Midline M  Cement Boards Underneath Built Up Roofing Along Roof Midline M  Cement Boards Underneath Built Up Roofing Along Roof Midline M  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls  On Roof Penetrations, Structures and Parapet Walls  M  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls  On Roof Penetrations, Structures and Parapet Walls	3 Gray Caulking/Sealant Material Aluminum Siding - Screw Locations M 1 SF ND  Gray Caulking/Sealant Material Aluminum Siding - Screw Locations M C, 0.22%  Silver Flashing Material Along South Parapet Wall M A20 SF ND  Silver Flashing Material Along South Parapet Wall M 420 SF ND  Silver Flashing Material Along South Parapet Wall M ND  Cement Boards Underneath Built Up Roofing Along Roof Midline M 24,000 SF C, 15%  Cement Boards Underneath Built Up Roofing Along Roof Midline M C, 15%  Cement Boards Underneath Built Up Roofing Along Roof Midline M ND  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls M ND  Black Flashing Material On Roof Penetrations, Structures and Parapet Walls ND

		НОМ	//OGENEOUS AREA 9 - ROOF				
BUR 12-34-A		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 12-34-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 12-35-A	7	Black Bituminous Built-Up Roof Material	Roof	М	43,500 SF	ND	NA
BUR 12-35-B		Yellow Roof Insulation	Roof	М	45,500 3F	ND	NA
BUR 12-36-A*		Black Bituminous Built-Up Roof Material	Roof	М		С, 0.33%	NA
BUR 12-36-B		Yellow Roof Insulation	Roof	М		ND	NA
F 13-37		Black Flashing Material	On Roof Penetrations and Parapet Walls	М		ND	NA
F 13-38	8	Black Flashing Material	On Roof Penetrations and Parapet Walls	М	1,225 LF	ND	NA
F 13-39*		Black Flashing Material	On Roof Penetrations and Parapet Walls	М		C, 0.21%	NA
M 14-40		Black Flashing/Mastic Material	On Parapet Walls	М		C, 15%	G/NF
M 14-41	9	Black Flashing/Mastic Material	On Parapet Walls	М	1,225 LF	C, 15%	G/NF
M 14-42*		Black Flashing/Mastic Material	On Parapet Walls	М		С, 2.4%	G/NF

C 15-43		Beige Caulking Material	Along Flashing on Parapet Walls	М		ND	NA
C 15-44	10	Beige Caulking Material	Along Flashing on Parapet Walls	М	1,050 LF	ND	NA
C 15-45*		Beige Caulking Material	Along Flashing on Parapet Walls	М		C, 0.5%	NA
C 16-46		Beige Caulking Material	Around Roof Vents	М		ND	NA
C 16-47	11	Beige Caulking Material	Around Roof Vents	М	3 Vents	ND	NA
C 16-48*		Beige Caulking Material	Around Roof Vents	М		C, 0.54%	NA
		ном	OGENEOUS AREA 10 - ROOF				
BUR 20-58-A		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 20-58-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 20-59-A	12	Black Bituminous Built-Up Roof Material	Roof	М	33,150 SF	ND	NA
BUR 20-59-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 20-60*		Black Bituminous Built-Up Roof Material and Insulation	Roof	М		ND	NA

CB 21-61		Corrugated Cement Board Siding	Roof Structures 1 - 3	М		C, 15%	G/NF
CB 21-62	13	Corrugated Cement Board Siding	Roof Structures 1 - 3	М	2,450 SF	C, 15%	G/NF
CB 21-63		Corrugated Cement Board Siding	Roof Structures 1 - 3	М		C, 15%	G/NF
CB 22-64		Straight Panel Cement Board Siding	Roof Structures 1 and 2	М		C, 15%	G/NF
CB 22-65	14	Straight Panel Cement Board Siding	Roof Structures 1 and 2	М	2,450 SF	C, 15%	G/NF
CB 22-66		Straight Panel Cement Board Siding	Roof Structures 1 and 2	М		C, 15%	G/NF
F 23-67		Black Flashing Material	On Roof Penetrations, Structures and Parapet Walls	М		C, 15%	G/NF
F 23-68	15	Black Flashing Material	On Roof Penetrations, Structures and Parapet Walls	М	1680 SF	C, 15%	G/NF
F 23-69*		Black Flashing Material	On Roof Penetrations, Structures and Parapet Walls	М		C, 4.5%	G/NF
TSI 24-70		Black Insulation	2 Units Adjacent to Structure #1	TSI		ND	NA
TSI 24-71	16	Black Insulation	2 Units Adjacent to Structure #1	TSI	80 SF	ND	NA
TSI 24-72*		Black Insulation	2 Units Adjacent to Structure #1	TSI		ND	NA

		ном	IOGENEOUS AREA 11 - ROOF				
BUR 17-49-A		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 17-49-B		Brown Insulation	Roof	М		ND	NA
BUR 17-50-A	17	Black Bituminous Built-Up Roof Material	Roof	М	38,950 SF	ND	NA
BUR 17-50-B		Brown Insulation	Roof	М	36,930 3F	ND	NA
BUR 17-51-A		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 17-51-B		Brown Insulation	Roof	М		ND	NA
F 18-52		Black Flashing Material	On Parapet Walls and Penetrations	М		ND	NA
F 18-53	18	Black Flashing Material	On Parapet Walls and Penetrations	М	2,080 SF	ND	NA
F 18-54*		Black Flashing Material	On Parapet Walls and Penetrations	М		C, 0.52%	NA
C 19-55		Beige Caulking Material	Along Top of Parapet Wall	М		C, 5%	G/NF
C 19-56	19	Beige Caulking Material	Along Top of Parapet Wall	М	575 LF	C, 5%	G/NF
C 19-57*		Beige Caulking Material	Along Top of Parapet Wall	М		C, 12%	G/NF

		ном	IOGENEOUS AREA 12 - ROOF				
BUR 7-19-A		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 17-19-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 17-20-A	20	Black Bituminous Built-Up Roof Material	Roof	М	67,400 SF	ND	NA
BUR 17-20-B	20	Yellow Roof Insulation	Roof	М	67,400 SF	ND	NA
BUR 17-21-A*		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 17-21-B*		Yellow Roof Insulation	Roof	М		ND	NA
F 8-22		Tan Caulking Material	Along Parapet Walls	М		ND	NA
F 8-23	21	Tan Caulking Material	Along Parapet Walls	М	920 LF	ND	NA
F 8-24*		Tan Caulking Material	Along Parapet Walls	М		C, 0.41%	NA
C 9-25		Beige Caulking Material	Along Top of Parapet Walls	М		C, 3%	G/NF
C 9-26	22	Beige Caulking Material	Along Top of Parapet Walls	М	720 LF	C, 3%	G/NF
C 9-27*		Beige Caulking Material	Along Top of Parapet Walls	М		C, 13%	G/NF

F 10-28		Black Flashing Material	On Parapet Walls and 4 Penetrations	М		ND	NA
F 10-29	23	Black Flashing Material	On Parapet Walls and 4 Penetrations	М	1,025 SF	ND	NA
F 10-30*		Black Flashing Material	On Parapet Walls and 4 Penetrations	М		ND	NA
C 11-31		Beige Caulking Material	Roof Exhaust Vents	М		ND	NA
C 11-32	24	Beige Caulking Material	Roof Exhaust Vents	М	12 Vents	ND	NA
C 11-33*		Beige Caulking Material	Roof Exhaust Vents	М		ND	NA
		ном	OGENEOUS AREA 13 - ROOF				
BUR 25-73-A		Black Bituminous Built-Up Roof Material	Roof	M		ND	NA
BUR 25-73-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 25-74-A	25	Black Bituminous Built-Up Roof Material	Roof	М	81,060 SF	ND	NA
BUR 25-74-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 25-75*		Black Bituminous Built-Up Roof Material and Insulation	Roof	М		ND	NA

F 26-76		Black Flashing Material	On Parapet Walls and Penetrations - Main Level	М		C, 10%	G/NF
F 26-77	26	Black Flashing Material	On Parapet Walls and Penetrations - Main Level	М	1,390 SF	C, 10%	G/NF
F 26-78*		Black Flashing Material	On Parapet Walls and Penetrations - Main Level	М		C, 1%	G/NF
F 27-79		Black/Silver Flashing Material	On Parapet Walls and Penetrations - Upper Level	М		ND	NA
F 27-80	27	Black/Silver Flashing Material	On Parapet Walls and Penetrations - Upper Level	М	965 SF	ND	NA
F 27-81*		Black/Silver Flashing Material	On Parapet Walls and Penetrations - Upper Level	М		ND	NA
F 28-82		Black Flashing Material	Upper Level - West Parapet Wall Only	М		C, 10%	G/NF
F 28-83	28	Black Flashing Material	Upper Level - West Parapet Wall Only	М	285 SF	C, 10%	G/NF
F 28-84*		Black Flashing Material	Upper Level - West Parapet Wall Only	М		С, 27%	G/NF

		ном	OGENEOUS AREA 14 - ROOF				
BUR 29-85-A		Black Bituminous Built-Up Roof Material	Roof	М		ND	NA
BUR 29-85-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 29-86-A	29	Black Bituminous Built-Up Roof Material	Roof	М	76,880 SF	ND	NA
BUR 29-86-B		Yellow Roof Insulation	Roof	М		ND	NA
BUR 29-87*		Black Bituminous Built-Up Roof Material and Insulation	Roof	М		ND	NA
F 30-88		Black/Silver Flashing Material	North Parapet Wall	М		ND	NA
F 30-89		Black/Silver Flashing Material	North Parapet Wall	М		ND	NA
F 30-90-A*	30	Black/Silver Flashing Material	North Parapet Wall	М	125 SF	ND	NA
F 30-90-B*		Felt Material	North Parapet Wall	М		ND	NA
F 30-90-C*		Membrane Material	North Parapet Wall	М		C, 0.57%	NA

F 31-91		Black Flashing Material	Remaining Parapet Walls and Penetrations	М		ND	NA
F 31-92	31	Black Flashing Material	Remaining Parapet Walls and Penetrations	М	2,025 SF	ND	NA
F 31-93-A*	31	Flashing Material #1	Remaining Parapet Walls and Penetrations	М	2,025 5F	ND	NA
F 31-93-B*		Flashing Material #2	Remaining Parapet Walls and Penetrations	М		C, 0.27%	NA
CB 32-94		Straight Panel Cement Board Siding	Roof Structure #1	М		С, 20%	G/NF
CB 32-95	32	Straight Panel Cement Board Siding	Roof Structure #1	М	290 SF	С, 20%	G/NF
CB 32-96		Straight Panel Cement Board Siding	Roof Structure #1	М		С, 20%	G/NF
CB 33-97		Corrugated Cement Board Siding	Roof Structure #2	М		С, 20%	G/NF
CB 33-98	33	Corrugated Cement Board Siding	Roof Structure #2	М	660 SF	C, 15%	G/NF
CB 33-99		Corrugated Cement Board Siding	Roof Structure #2	М		C, 15%	G/NF

TSI 34-100		Black Insulation	On Roof Blower Vent	TSI		C, 15%	G/NF
TSI 34-101	34	Black Insulation	On Roof Blower Vent	TSI	360 SF	C, 15%	G/NF
TSI 34-102-A*	34	Silver Thermal System Insulation	On Roof Blower Vent	TSI	300 35	C, 0.77%	G/NF
TSI 34-102-B*		Brown Thermal System Insulation	On Roof Blower Vent	TSI		C, 31%	G/NF
C 35-103		Beige Caulking Material	SouthWest Corner	М		ND	NA
C 35-104	35	Beige Caulking Material	SouthWest Corner	М	80 LF	ND	NA
C 35-105*		Beige Caulking Material	SouthWest Corner	М		ND	NA
C 36-106		Beige Caulking Material	Along Top of Parapet Walls	М		С, 3%	G/NF
C 36-107	36	Beige Caulking Material	Along Top of Parapet Walls	М	1,100 LF	С, 3%	G/NF
C 36-108*		Beige Caulking Material	Along Top of Parapet Walls	М		C, 11%	G/NF

#### **NOMENCLATURE AND NOTES:**

NA - Not Applicable; Entered into table when there is no asbestos detected in sample

\*TEM Analysis

Error in numbering- No homogenous area #22

#### **Sample Number Abbreviations**

BUR- Built Up Roofing

C- Caulking Material

F- Flashing Material

**CB- Cement Board Panels** 

**Type and Percent Asbestos** 

C= Chrysotile

A = Amosite

ND = None Detected

**Condition of Material** 

NF = Non-friable, F = Friable

**Measurements** G = Good; D = Damaged; SD = Significantly Damaged

LF= Linear Feet a material is identified as an ACM

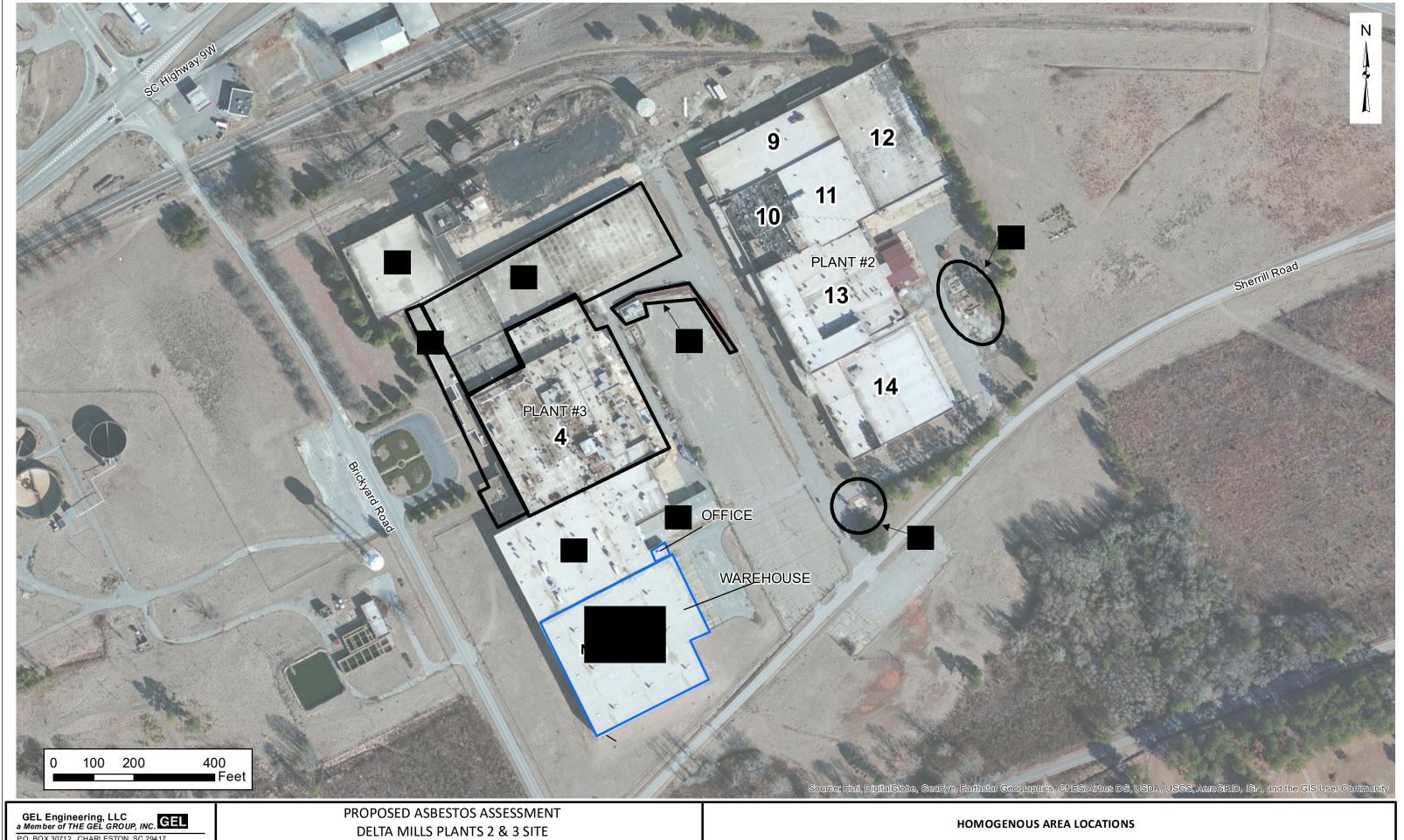
Type of Material

M = Miscellaneous

SM = Surfacing Material

TSI = Thermal System Insulation

# APPENDIX 4.2 DIAGRAM OF HOMOGENEOUS AREA LOCATIONS

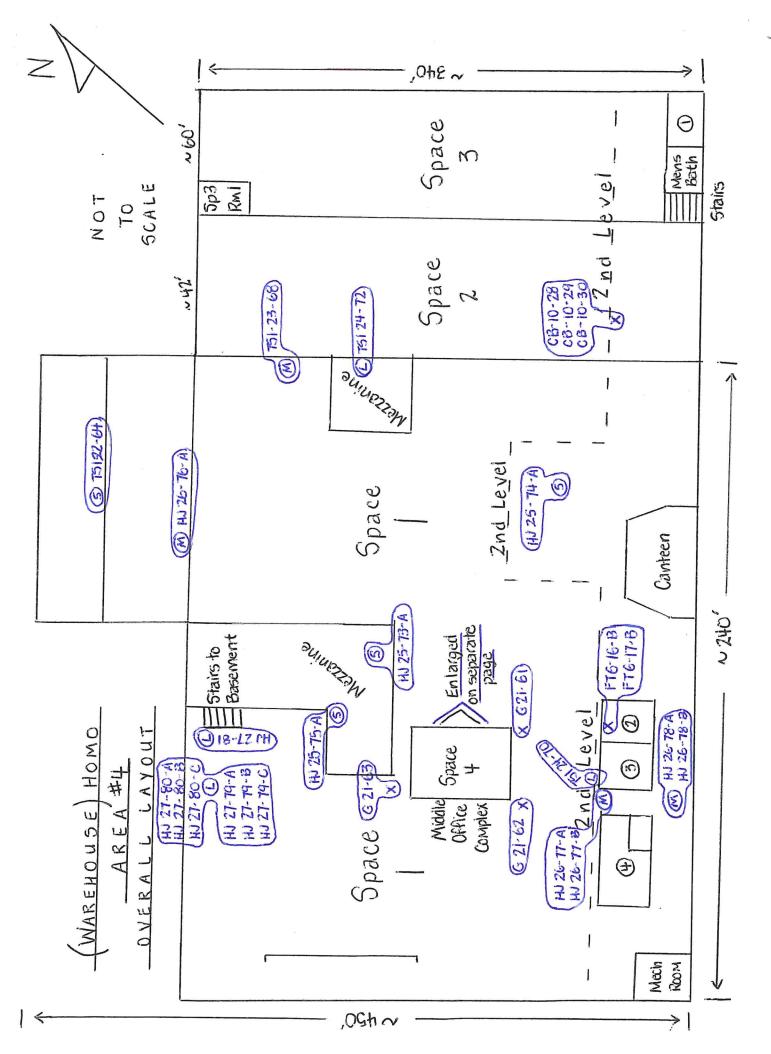


P.O. BOX 30712 CHARLESTON, SC 29417 2040 SAVAGE ROAD 29407 (843) 769-7378 FAX (843) 769-7397 WWW.GEL.COM ENGINEERING ENVIRONMENTAL ANALYTICAL PROPOSED ASBESTOS ASSESSMENT
DELTA MILLS PLANTS 2 & 3 SITE
WALLACE, MARLBORO COUNTY, SOUTH CAROLINA
VCC 10-5897-NRP

PROJECT: PPOE00521 DATE: JUNE 18, 2021

FIGURE 1

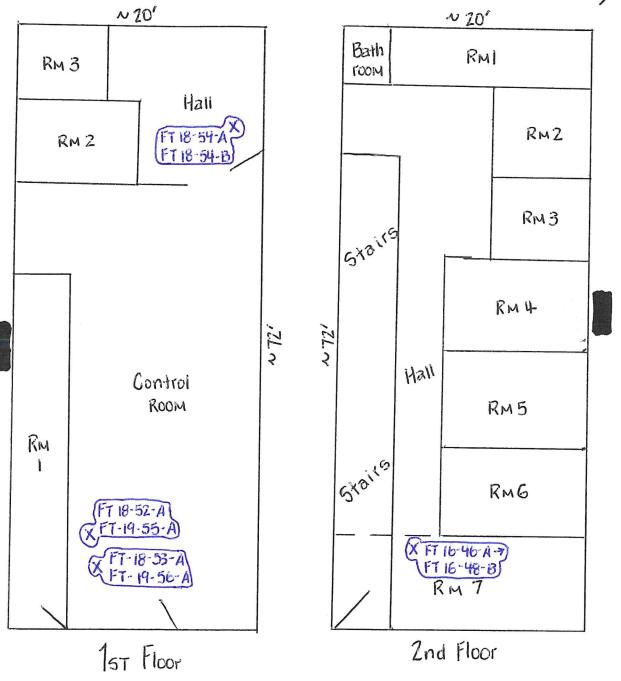
# APPENDIX 4.3 DIAGRAMS OF ACMS SAMPLE LOCATIONS



### MIDDLE OFFICE COMPLEX

SPACE 4 HOMO AREA #4

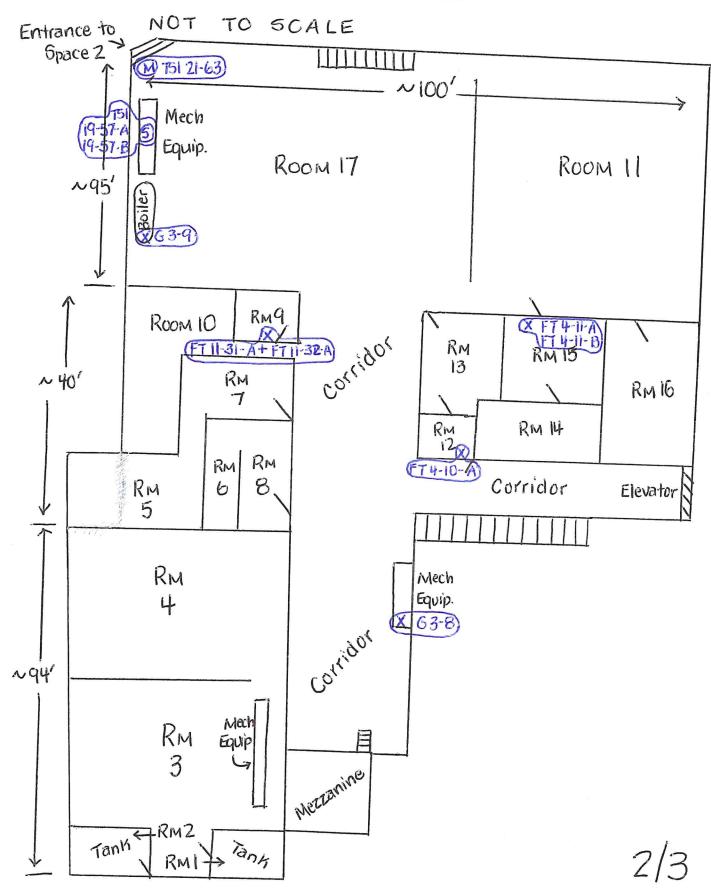


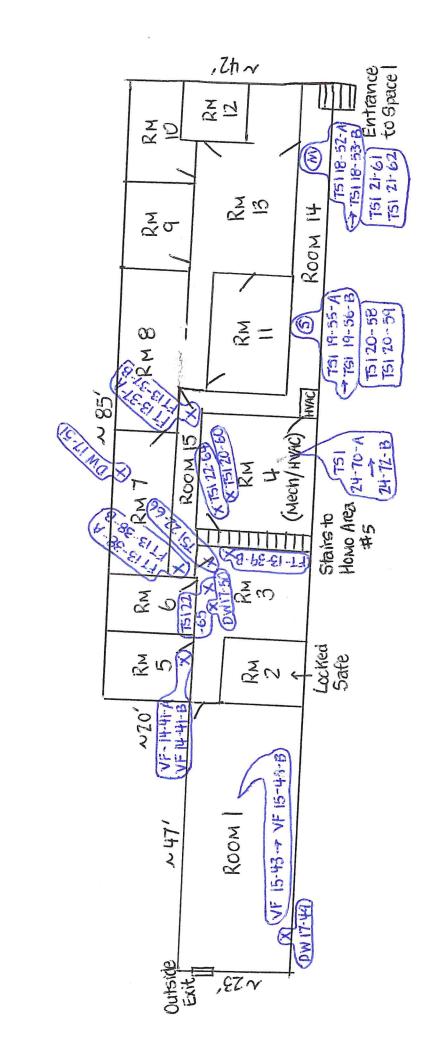


NOT TO SCALE

## HOMO AREA#4 OVERALL LAYOUT BASEMENT ~1321 Offices Outside Exit Hall Mech HVAC Safe N100'-RM Hall Stairs to Main Level Stairs to Номо Агеа#5 Space 2 Enlarged on separate page Boiler-Offices Offices Space Workshops Enlarged on separate page Bathrooms Locker RM Stairs to Main Level NOT TO Mech SCALE ROOMS

## SPACE | HOMO AREA #4 BASEMENT





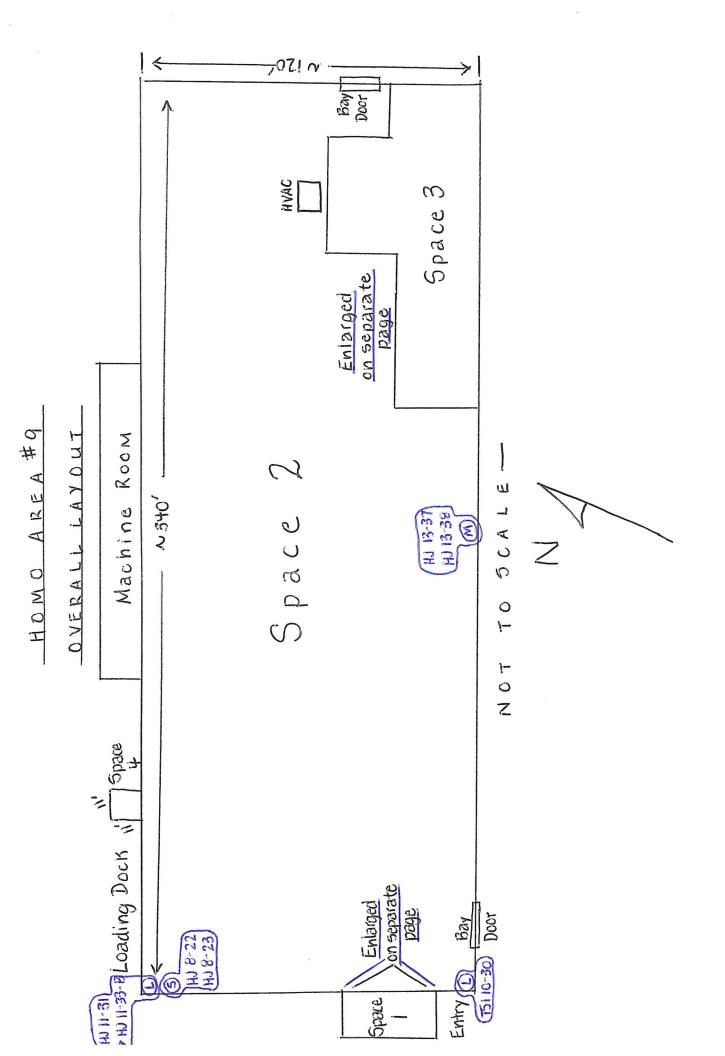
TO SCALE

ト の ス

HOMO AREA #1

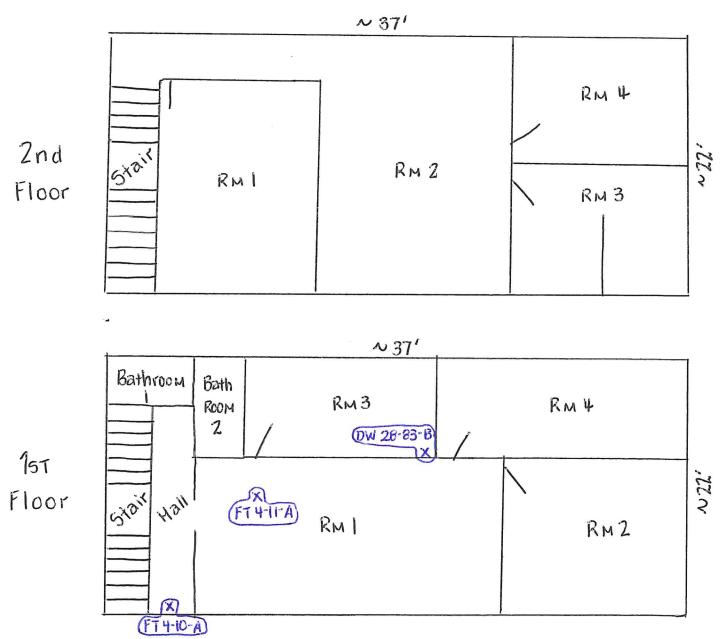
SPACE 2

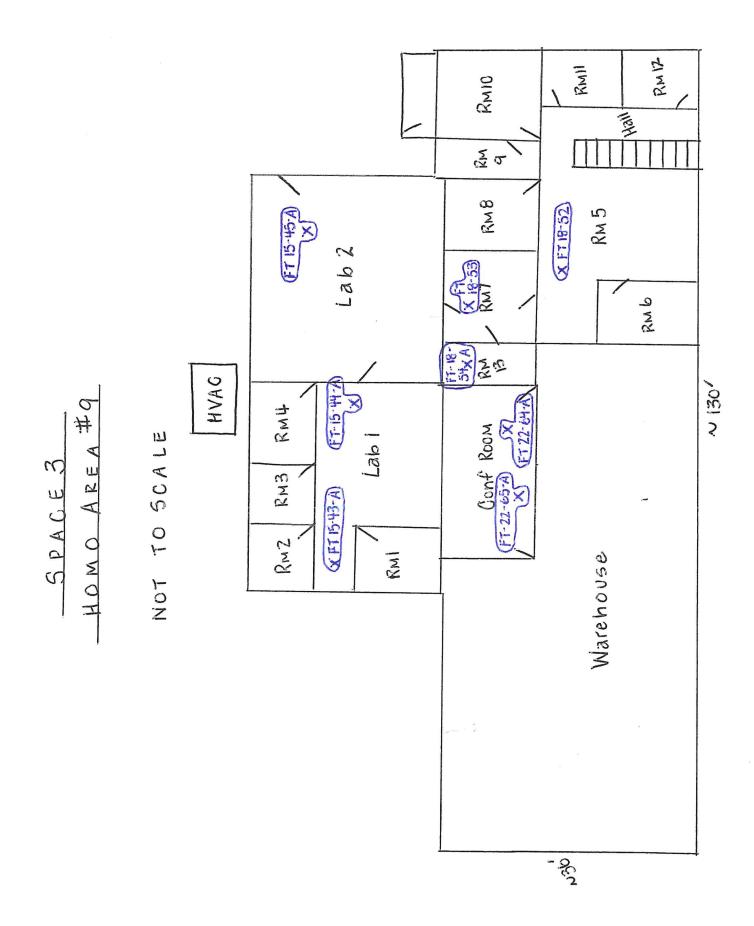
BASEMEN

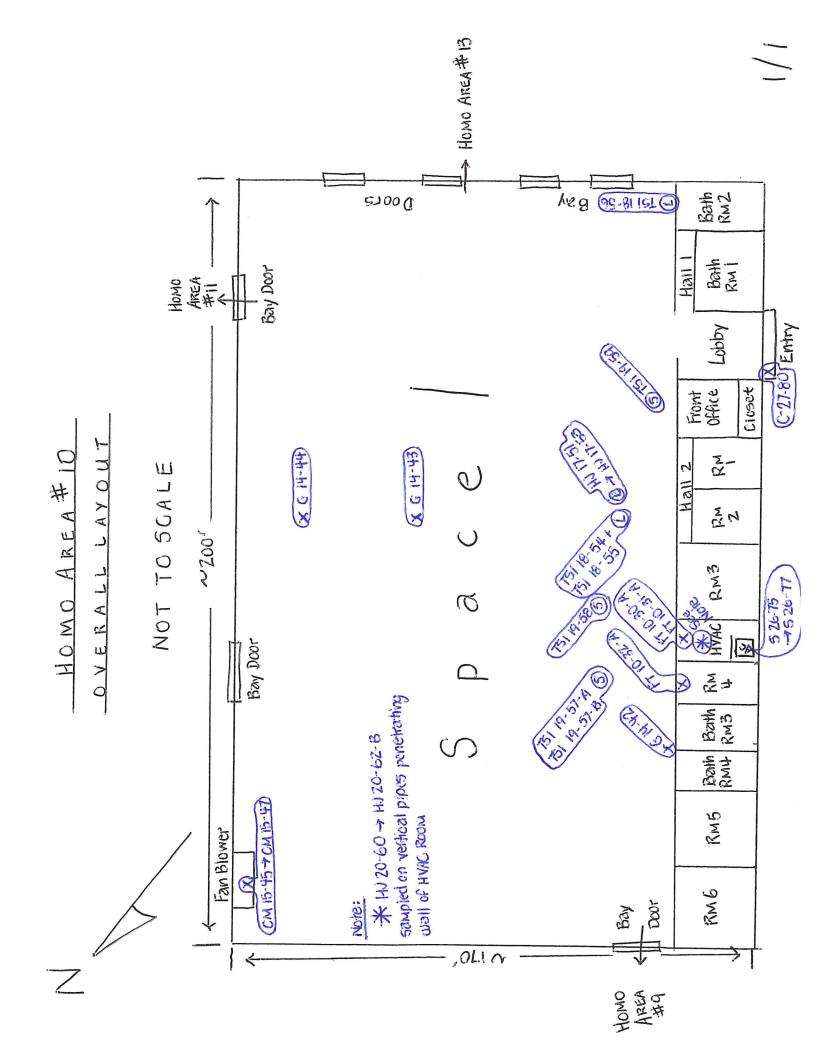


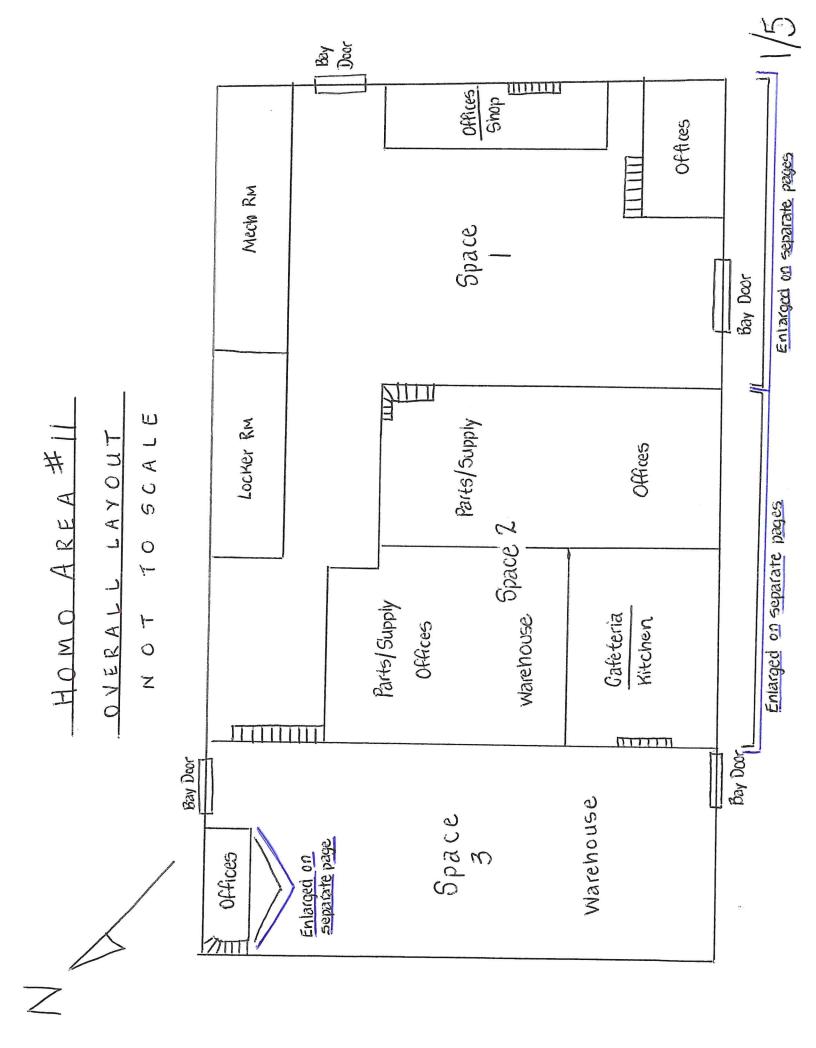
## SPACE | HOMO AREA #9

NOT TO SCALE

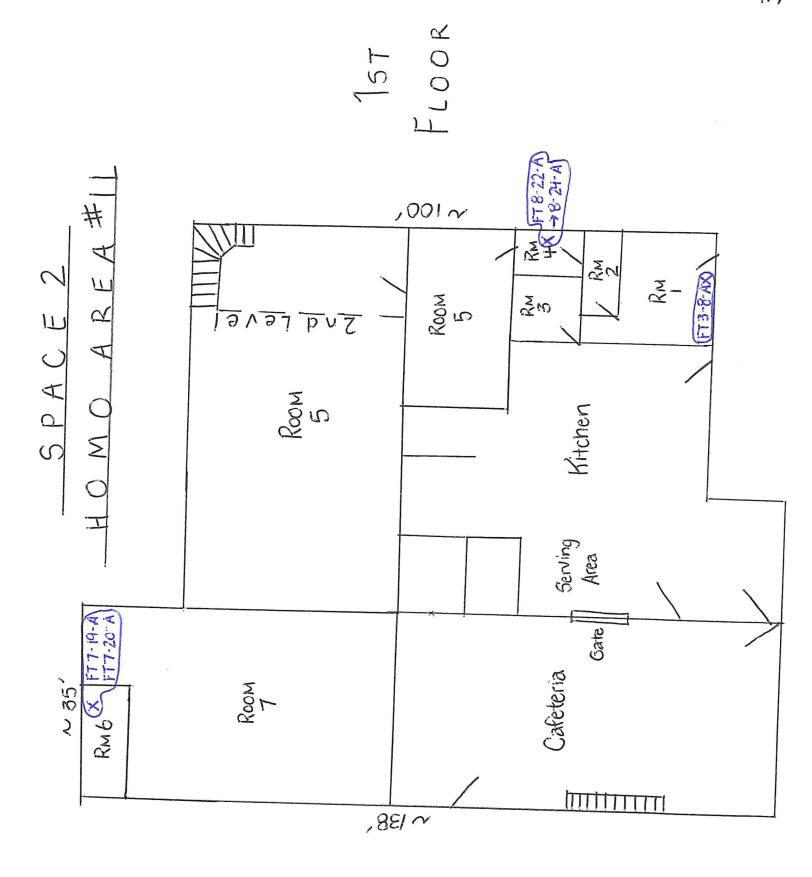


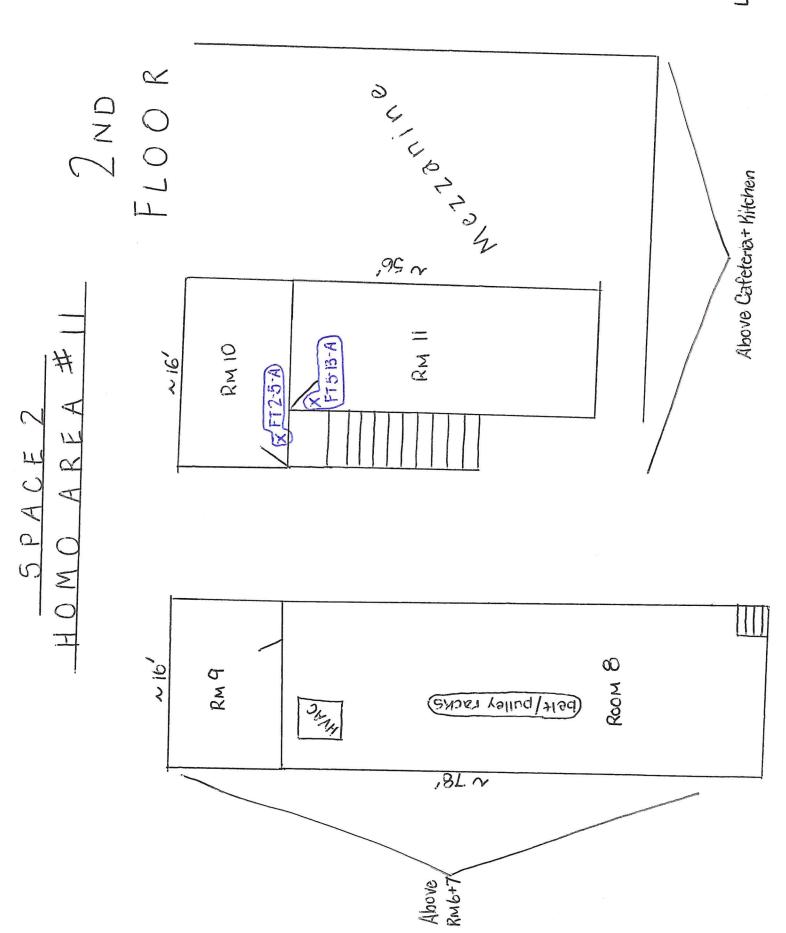




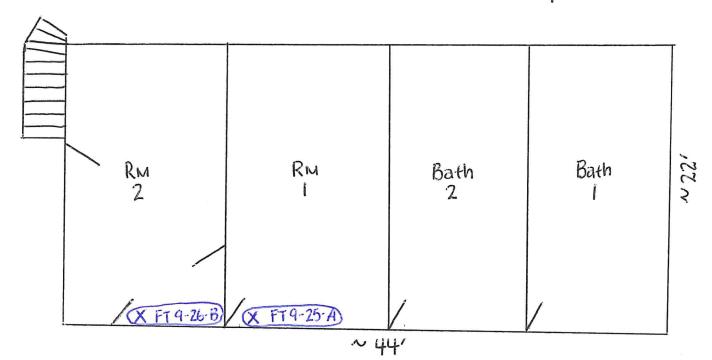


50

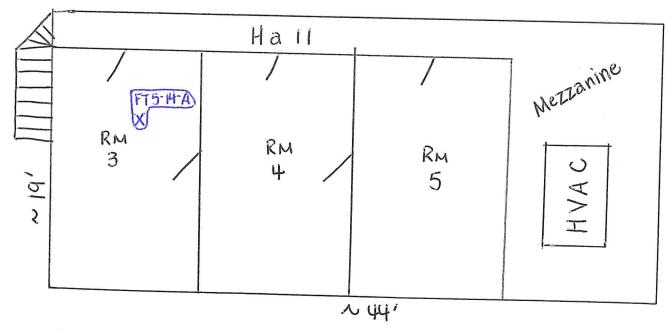




# HOMO AREA#11



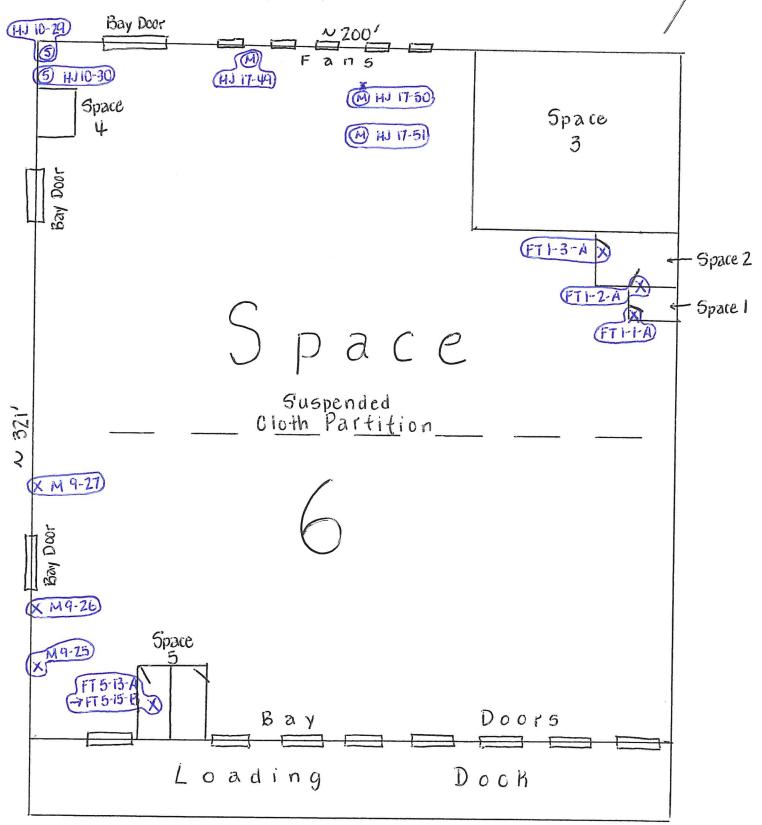
15T FLOOR

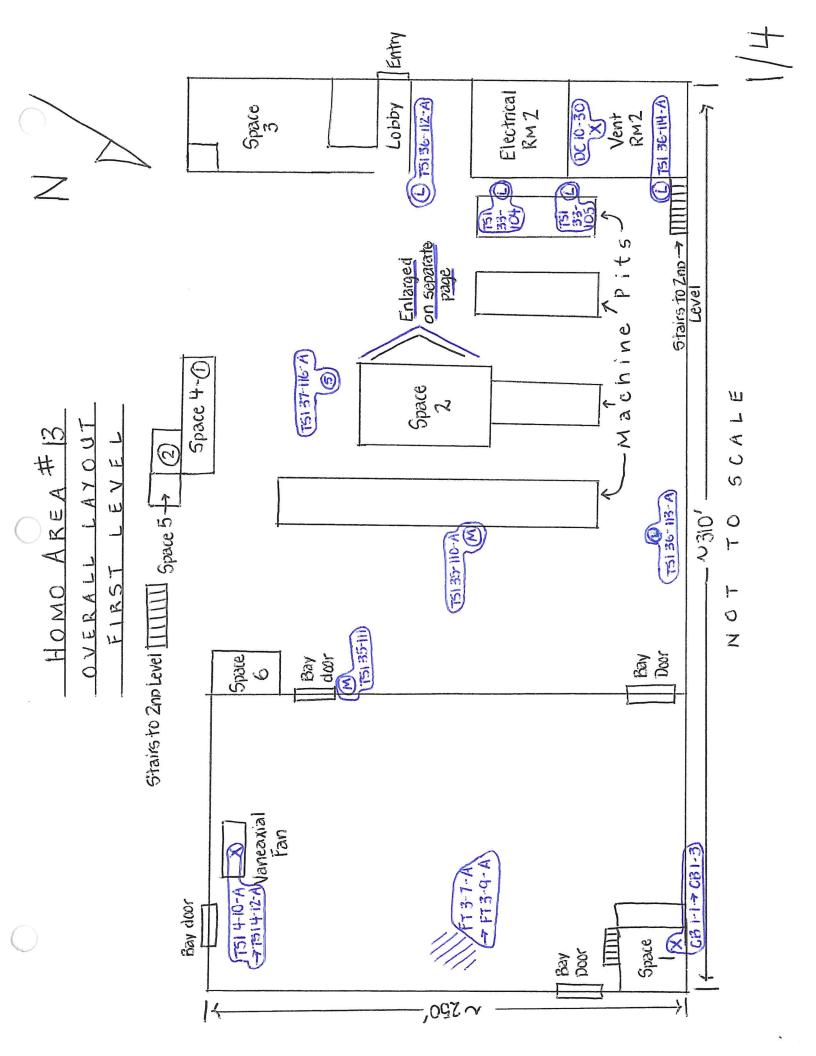


2ND FLOOR

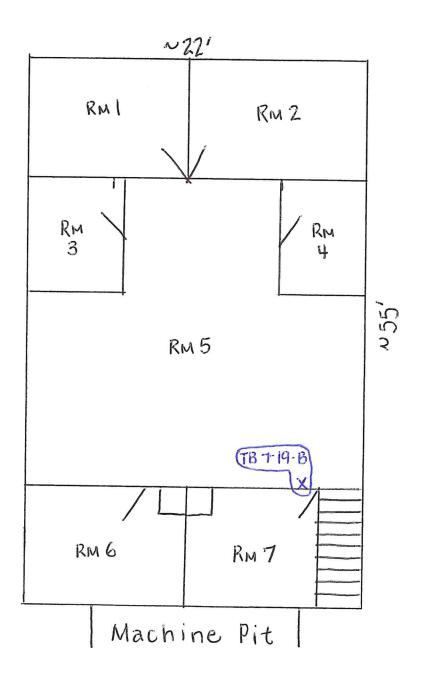
## HOMO AREA# 12 OVERALL LAYOUT

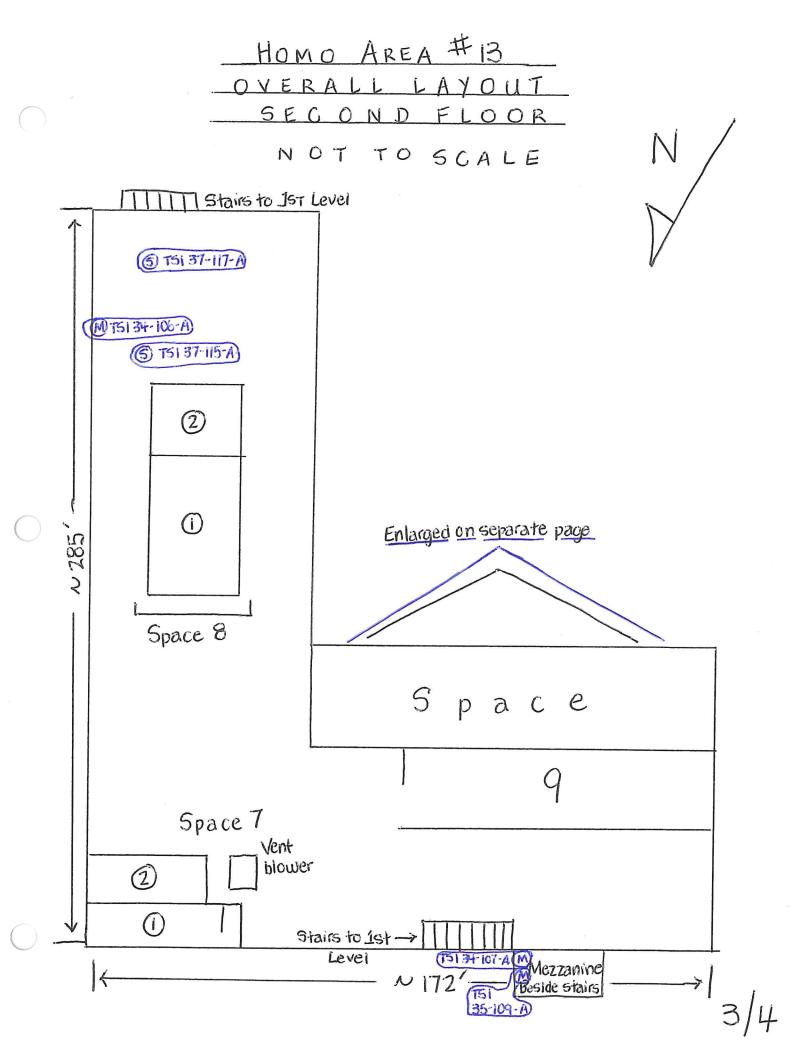
NOT TO SCALE

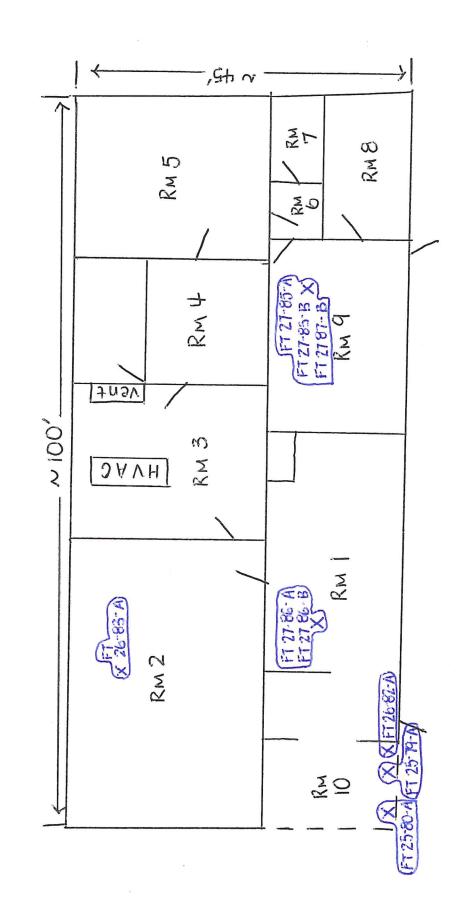




## SPACE 2 HOMO AREA# 13 NOT TO SCALE





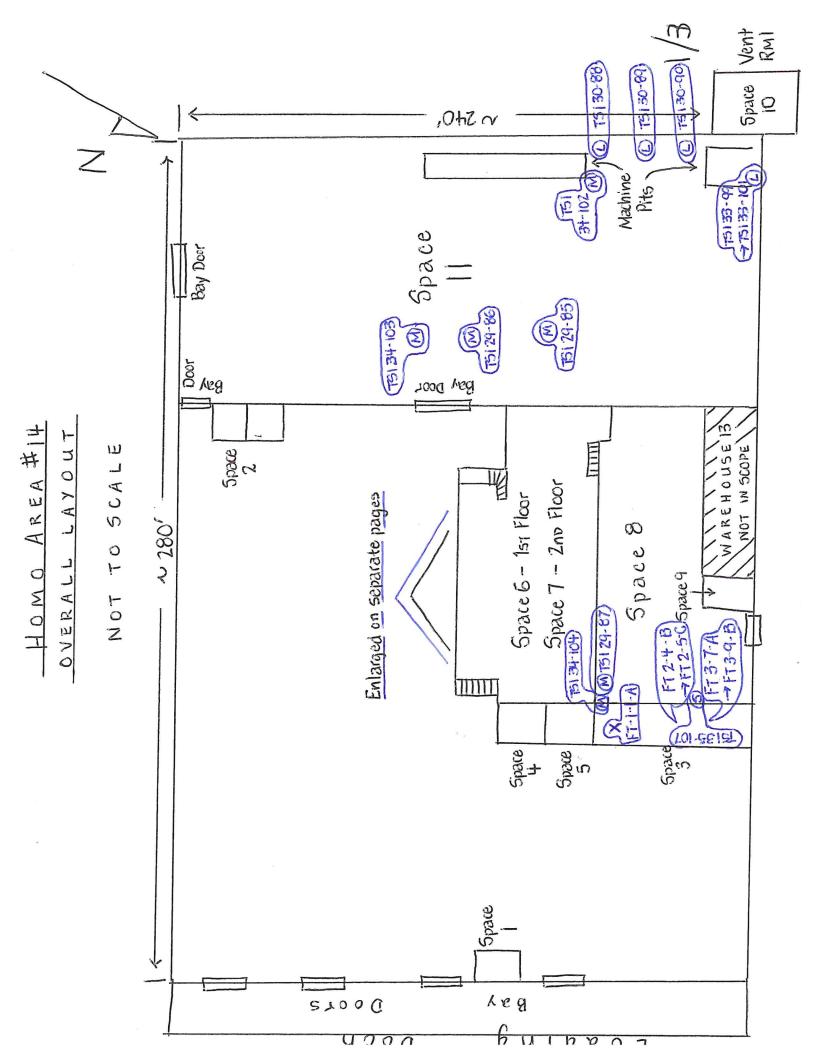


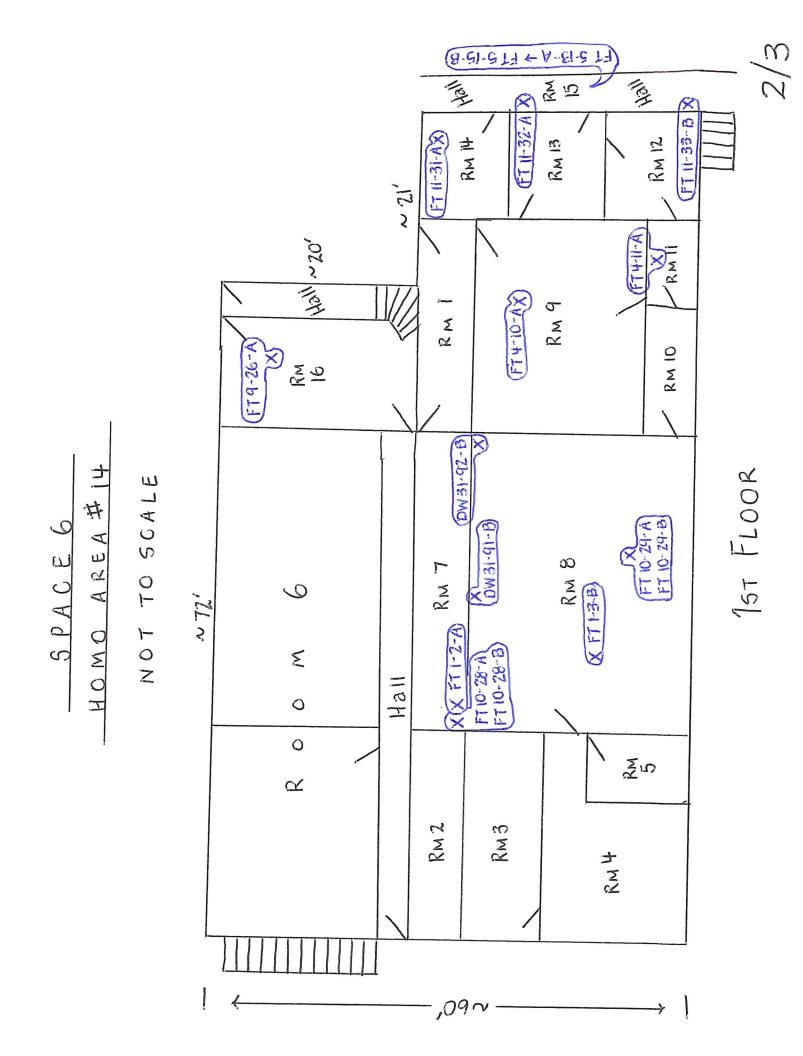
SCALE

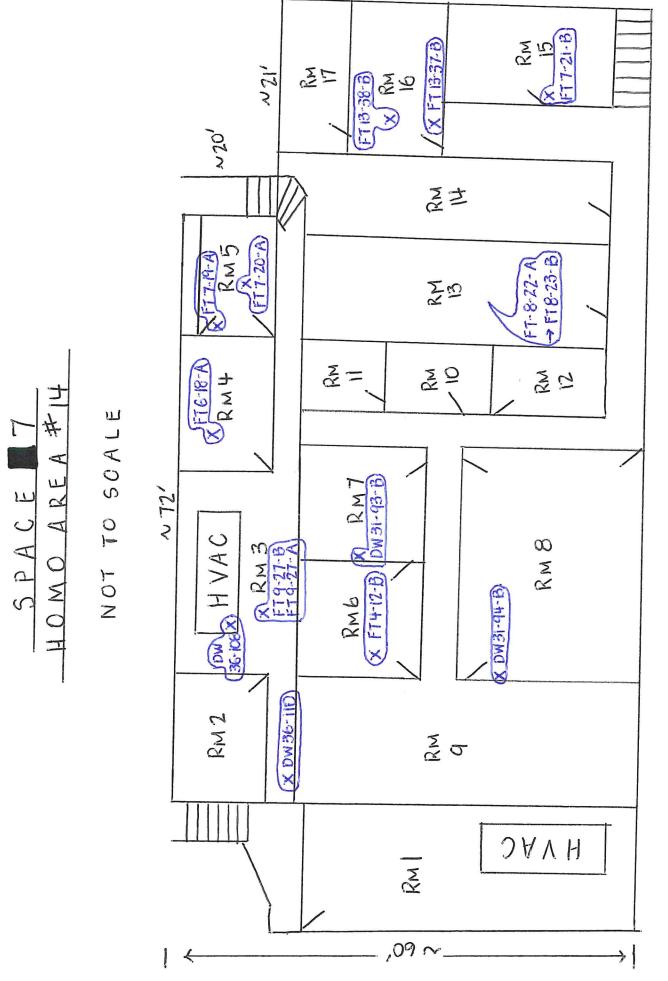
<u></u>

N 0

SPACE9







2ND FLOOR

# APPENDIX 4.4 CHAIN OF CUSTODIES AND CERTIFICATES OF ANALYSES



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71972115

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71972115 TB

**Project:** PP0E00521 - Basement 8/6/21

**Date Received:** 8/10/2021 **Date Reported:** 

8/17/2021

Sample ID	Description  Lab Notes	Organic	Acid Sol.	A	Asbestos (Wt. %)	LCL-UCL
Luo Sumple 1D	Lub Ivoles	(171. 70)	(111. 70)		(171. 70)	(111. 70)
I-1-3	Insulation on caustic room door (Sp1, Rm1)	97%	_	None Detected		
71972115TBS_1						
C-2-6	Caulk on caustic room door (Sp1, Rm1)	76%	-	None Detected		
71972115TBS_2						
G-3-9	Gaskets from process systems	15%	-	25 %	Chrysotile	23% - 28%
71972115TBS_3						
FT-4-12-a	12x12 Cream streaked FT (Rms 12- 15, Sp1-2 layers in all but rm 13)	27%	69%	None Detected		
71972115TBS_4	tile					
FT-4-12-b	12x12 Cream streaked FT (Rms 12- 15, Sp1-2 layers in all but rm 13)	28%	-	None Detected		
71972115TBS_14	mastic					
FT-5-15-a	12x12 Mustard yellow FT (Rm13- Sp1) (Bottom layer)	21%	79%	0.00037 %	Chrysotile	0.00033% - 0.00041%
71972115TBS_5	tile					

Disclaimer: 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.

Daniel Schwartz (21)

Analyst



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71972115

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71972115 TB

**Date Received:** 

8/10/2021

**Project:** PP0E00521 - Basement 8/6/21

**Date Reported:** 8/17/2021

Sample ID	Description	Organic	Acid Sol.	F	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
FT-5-15-b	12x12 Mustard yellow FT (Rm13- Sp1) (Bottom layer)	59%	-	None Detected		
71972115TBS_15	mastic					
BBI-6-18	Pink black batt insulation (Sp1-Rms 14&15, Sp2-Rm 13)	99%	-	None Detected		
71972115TBS_6						
WG7-21	Window Glazing	11%	84%	0.046 %	Anthophyllite	0.041% - 0.051%
71972115TBS_16						
M-9-27	Behind ceramic wall tiles (Sp1-Rm8) only bottom 3' of walls surfacing & mastic	33%	-	None Detected		
71972115TBS_7						
FT-11-33-a	12x12 Red FT (Sp1-Rm9 bottom layer)	39%	13%	0.95 % Chrysotile 0.86% - 1.		0.86% - 1.1%
71972115TBS_8	tile					
FT-11-33-b	12x12 Red FT (Sp1-Rm9 bottom layer)	46%	-	None Detected		
71972115TBS_17	mastic					

Disclaimer: 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.

Daniel Schwartz (21)

Analyst



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

Attn: Ron Sharpe

Lab Order ID:

71972115

Sarah Browning

**Analysis ID:** 

71972115 TB

**Date Received:** 

8/10/2021

**Project:** PP0E00521 - Basement 8/6/21

**Date Reported:** 8/17/2021

Sample ID	Description	Organic	Acid Sol.	A	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
FT-13-39-a	9x9 Black FT (Sp2,Rm3 & part of rm 15)	40.%	50.%	None Detected		
71972115TBS_9	tile					
FT-13-39-b	9x9 Black FT (Sp2,Rm3 & part of rm 15)	70.%	1	9.0 % Chrysotile		8.1% - 9.9%
71972115TBS_18	mastic					
VF-14-42-a	Faux brick vinyl flooring (Sp2, Rm5)	37%	-	0.63 %	Chrysotile	0.57% - 0.70%
71972115TBS_10	flooring					
VF-14-42-b	Faux brick vinyl flooring (Sp2, Rm5)	87%		0.13 %	Chrysotile	0.12% - 0.14%
71972115TBS_19	mastic					
VF-15-45-a	Faux terazzo vinyl flooring (Sp2, Rm1)	63%	1	1.1 %	Chrysotile	0.99% - 1.2%
71972115TBS_11	flooring					
VF-15-45-b	Faux terazzo vinyl flooring (Sp2, Rm1)	53%	-	2.4 %	Chrysotile	2.1% - 2.6%
71972115TBS_20	mastic					

Disclaimer: 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.

Daniel Schwartz (21)

Analyst



### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

Attn: Ron Sharpe

Lab Order ID:

71972115

Sarah Browning

**Analysis ID:** 

71972115 TB

**Date Received:** 

8/10/2021

PP0E00521 - Basement 8/6/21

**Date Reported:** 8/17/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Organic	Acid Sol. (Wt. %)	Asbestos (Wt. %)	LCL-UCL (Wt. %)	
ТВ-16-48-а	4" Brown toeboard (Sp2,Rm1)	58%	-	None Detected		
71972115TBS_12	toeboard					
TB-16-48-b	4" Brown toeboard (Sp2,Rm1)	36%	-	None Detected		
71972115TBS_21	mastic					
BBI-23-69	Brown kraft paper around yellow fiberglass around HVAC duct (Sp2- Rms 1&14)	97%	-	None Detected		
71972115TBS_13						

Disclaimer: 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.

Daniel Schwartz (21)



#### Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sallab.com lab@sailab.com

Lab Use Only Lab Order ID:	719	721	10
Client Code:			

Company Cont	tact Information			Asbestos Test Tyr	oes
Company: GEL Enc	ineering, LLC	Contact: Ron	Sharpe/Serah Brown	PLM EPA 600/R-93/116 (PLM)	X
	avage Road		3/769-7378	Positive stop	
	ton, SC 29407	Fax □: 842	1769-7397	PLM Point Count 400 (PT4)	
			nald.sharpe@gel.co	PLM Point Count 1000 (PTM)	
			wnim@gel.com	PCM NIOSH 7400-A Rules (PCM)	
Billing/Invoice	Information	The state of the s	round Times	B Rules (PCB) TWA (PT	A) 🗆
Company:		90 Min. 🔲	48 Hours	TEM AHERA (AHE)	
Contact:	Same	3 Hours	72 Hours	TEM Level II (LII)	
Address:	As	6 Hours	96 Hours	TEM NIOSH 7402 (TNI)	
	Alogve	12 Hours	120 Hours 🗶	TEM Bulk Qualitative (TBL)	
		24 Hours	144 <sup>+</sup> Hours	TEM Bulk Chatfield (TBS)	X
				TEM Bulk Quantitative (TBQ)	
PO Number:			$\sim$	TEM Wipe ASTM D6480-05	
Project Name/Nu	mber: PPOEO	0521 ~ Baser	nen+(8/6/21)	TEM Microvac ASTM D5755-02	
			Tie	TEM Water EPA 100.2 (TW1)	
115	tom * Run	PLM+TEM simul	taneously-	Other:	
	ier.				
Sample ID #	Descr	iption/Location	Volume/A	Area Comments	
I-1-1	Insulation on	caustic room de	or 25 Lf	Analyze bitumin	ous
I-1-2	(SPI, RmI)			coating only	
I-1-3		4	<u> </u>	4	
C-2-4	Caulk on c	austic room o	loor 1 Door Ob	served Analyze all lay	ers
C-2-5	(Sp1, Rm1)				
C-2-6		J	4.		
6-3-7	Gaskets Fro	m process s	ustems All gask	ets Analyze gastel	Tonly
16-3-8			on proces system	5 / P	1
6-3-9		V	2750		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
FT-4-10	12x12 Cream	Streaked Ft (Rn		F Analyze tile om	astic
FT-4/-11		n all but rm 13)	HICS	-   -	
AT-4 /12/	1	1	1	Total # of Samples 72	
Relinqu	ished by	Date/Time	Received		
	duron	89/21@1200	Class	8/10	
- June 20		GHEIO 1400		10)30	nm
			1		
			Accepted V	Page of	2/4/2021

Rejected



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 119771110
Client Code:

V = TEM \* Run PLM+ TEM simultaneously \*

V = TEIL	* KUN PLMTTEM SIMUITANEOUSIY?	7	
Sample ID #	Specific Location	Volume/Area	Comments
FT-5-13	12×12 Mustard Yellow FT (Rm13-Sp1)	144 SF	Analyze tile and
FT-5-14	(Bottom layer)		mastic
FI-5-15		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V
BBI-6-16	Pink black batt insulation (sol-	6800 SF	Analyze black bat
BBI-6-17	Rms 14 +15, Sp2-Rm 13)		only
BBI-6-18	<b>*</b>	· ·	T I
WG-7-19	Window glaze (Sp1-Am12)	2 Windows	Analyze glaze only
WG-7-20			
WG-7-21	<b>V</b>	V	4
CT-8-22	2x2' Smooth dense CT (Sp1, Rm8)	360 SF	Analyze ceiling tile
CT-8-23			only
CT -8 -24	<b>V</b>	10.4	, V
M - 4 - 25	Behind Caramic Wall Tiles (SpI-RM8)	190 SE	Analyze masticusurfac
M - 9 - 26	only bottom 3' of walls Surfacing to		CTEM Mastic only
M-9-27	mastic +	00000	V /
CT-10-28	21x4 Wormhole (T (Sp1-Rm9)	2900 SF	Analyze caling til
CT-10-29			only
CT-10-30	12x2 Red FT (Spl-Rm9 bottom	225. SF	Analyze tile + mast
FT-11-32		165 SF	Analyze The binds
CT -11 - 22	layer)		
DW-12-34	Drywall (SPI, Rm8)	644 SF	Analyze drywall
DW-12-35	DI YWATI GI, NA BI	817 51	only
DW-12-36		1	1
FT-13-37	9×9 Black FT (Sp2, Rm3+	575 SF	Analyze tile b
1 FT-13-38	part of Rm (5)	79 3	mastic
FT-13-39	Pil. Of Na. 17	V	1
VF-14-40	Faux brick Vinyl flooring (Sp2, Rms)	200 SF	Analyze vinyl+
VC-14-41	1 1 1 1 1 1 1 1 1 1 1 1 1 1		mastic
VF-14-42	•	4	1
VF-15-43	Faux Terazzo vinul flooring	1080 SE	
VF-15-44	(Sp2, Rm1)		
VF-15-45	· ,	V	4
TB-16-46	4" Brown Toeboard (Spz, Rm1)	140 LF	Analyze toeboard
TB-16-47			tingstie
TB-16-48	¥ .	<b>V</b>	4
DW-17-49	Canvas wrap + TSI on HVAC	2220SF	Analyze all laver
DW-17-50	ducts (SP2-Rms 1, 3, 4, 6, 8		minus insulation
DW-17-51	4,10,14)	1	Page 2 of 3

71972115



Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	7197240
Client Code: _	

\* Run PLM+ TEM simultaneously \*

000	A Will I Clair I may Statistizations &	·		l i
Sample ID #	Specific Location	Volume/Area	Comm	ents
TSI-18 - 52	Thermal System Insulation, med	Process System	Analyze a	1151
TSI-18-53	dia pipe, hard joints	lhes	materials	on proces
TSI-18-54			system li	125
75I-19-55	Thermal System Insulation, small			
TSI-19-56	dia pipe, hard joints			
TSI-19-57	1			
TSI-20-58	Thermal System Insulation, small dia pipe, straight runs			
TSI-20-59	dia pipe, straight runs			
TSI - 20 - 60				
TSI -21 - 61	Thermal System Insulation, med			
15I-21- GZ	dia pipe, straight runs	ŀ	-	
TSI-21-63	d	1010		-
TSI-22-64	Thermal System Insulation,	110 LF		
TSI-22-65 TSI-22-66	straight runs (Sp2-Rms 3, 4, 14)			
BBI-23-67	Brown Kraft Faper around vellow	60 SF	Analyze	Lmst
BBI-23-68	fiberalass around HVAC Duct	00 31	Dates on	L.
BBI-23-69	1 (Sp2-RMS 1+14)	4	The T	7
TSI-24-70	Thormal System Insulation	Process System	Analyze all	TSI
TSI-24-71	hard joints (\$P2-Rms 3, 4514)	lines '	materials	
TSI-24-72	4	4	4	
		•		
	The second secon			1
		///		



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

Analysis ID: 71972110\_PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

<b>Project:</b>	PP0E00521 - Basement 8/6/21
-----------------	-----------------------------

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos Components		Components	Treatment
I-1-1	Insulation on caustic room door (Sp1, Rm1)	None Detected		100% Other	Black Non Fibrous Homogeneous
71972110PLM_1					Dissolved
I-1-2	Insulation on caustic room door (Sp1, Rm1)	None Detected		100% Other	Black Non Fibrous Homogeneous
71972110PLM_2					Dissolved
I-1-3	Insulation on caustic room door (Sp1, Rm1)	Not Analyzed			
71972110PLM_3	TEM				
C-2-4 - A	Caulk on caustic room door (Sp1, Rm1)	None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
71972110PLM_4	wrap				Ashed
C-2-4 - B	Caulk on caustic room door (Sp1, Rm1)	None Detected		100% Other	Black Non Fibrous Homogeneous
71972110PLM_73	caulk				Dissolved
C-2-5 - A	Caulk on caustic room door (Sp1, Rm1)	None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
71972110PLM_5	wrap				Ashed
C-2-5 - B	Caulk on caustic room door (Sp1, Rm1)	None Detected		100% Other	Black Non Fibrous Homogeneous
71972110PLM_74	caulk				Dissolved
C-2-6	Caulk on caustic room door (Sp1, Rm1)	Not Analyzed			
71972110PLM_6	TEM	Ţ			

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



Sample ID

# **Bulk Asbestos Analysis**

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





Attributos

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

mastic

all but rm 13)

12x12 Cream streaked FT (Rms 12-15, Sp1-2 layers in

Analyst

71972110PLM 76

71972110PLM 12

FT-4-12

P-F-002 r15 1/16/2021

PP0E00521 - Basement 8/6/21

Description

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110\_PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID	Description  Lab Notes	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes		Components	Components	Treatment
G-3-7	Gaskets from process systems	None Detected	70% Cellulose	30% Other	Gray Fibrous Homogeneous
71972110PLM_7					Ashed
G-3-8	Gaskets from process systems	50% Chrysotile		50% Other	Black Fibrous Homogeneous
71972110PLM_8					Ashed
G-3-9	Gaskets from process systems	Not Analyzed			
71972110PLM_9					
FT-4-10 - A	12x12 Cream streaked FT (Rms 12-15, Sp1-2 layers in all but rm 13)	3% Chrysotile		97% Other	Cream Non Fibrous Homogeneous
71972110PLM_10	tile				Dissolved
FT-4-10 - B	12x12 Cream streaked FT (Rms 12-15, Sp1-2 layers in all but rm 13)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_75	mastic				Dissolved
FT-4-11 - A	12x12 Cream streaked FT (Rms 12-15, Sp1-2 layers in all but rm 13)	3% Chrysotile		97% Other	Cream Non Fibrous Homogeneous
71972110PLM_11	tile				Dissolved
FT-4-11 - B	12x12 Cream streaked FT (Rms 12-15, Sp1-2 layers in all but rm 13)	5% Chrysotile		95% Other	Black, Yellow Non Fibrous Homogeneous
	1	Ī		1	

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)

**Not Analyzed** 

Dissolved



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Project: PP0E00521 -	Basement	8/6/21

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-5-13 - A	12x12 Mustard yellow FT (Rm13-Sp1) (Bottom layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_13	tile				Dissolved
FT-5-13 - B	12x12 Mustard yellow FT (Rm13-Sp1) (Bottom layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_77	mastic				Dissolved
FT-5-14 - A	12x12 Mustard yellow FT (Rm13-Sp1) (Bottom layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_14	tile				Dissolved
FT-5-14 - B	12x12 Mustard yellow FT (Rm13-Sp1) (Bottom layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_78	mastic				Dissolved
FT-5-15	12x12 Mustard yellow FT (Rm13-Sp1) (Bottom layer)	Not Analyzed			
71972110PLM_15	TEM				
BBI-6-16	Pink black batt insulation (Sp1 -Rms 14&15, Sp2-Rm 13)	None Detected	65% Cellulose	35% Other	Black Fibrous Homogeneous
71972110PLM_16					Ashed
BBI-6-17	Pink black batt insulation (Sp1 -Rms 14&15, Sp2-Rm 13)	None Detected	65% Cellulose	35% Other	Black Fibrous Homogeneous
71972110PLM_17					Ashed
BBI-6-18	Pink black batt insulation (Sp1 -Rms 14&15, Sp2-Rm 13)	Not Analyzed			
71972110PLM_18	TEM				

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



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID	Description	Fibrous	Non-Fibrous	Attributes	
Lab Sample ID	Lab Notes	Lab Notes Asbestos		Components	Treatment
WG-7-19	Window glaze (Sp1-Rm12)	None Detected		100% Other	White Non Fibrous Homogeneous
71972110PLM_19					Dissolved
WG-7-20	Window glaze (Sp1-Rm12)	None Detected		100% Other	White Non Fibrous Homogeneous
71972110PLM_20					Dissolved
WG-7-21	Window glaze (Sp1-Rm12)	Not Analyzed			
71972110PLM_21	TEM				
CT-8-22	2'x2' Smooth dense CT (Sp1, Rm8)	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71972110PLM_22					Crushed
CT-8-23	2'x2' Smooth dense CT (Sp1, Rm8)	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71972110PLM_23					Crushed
CT-8-24	2'x2' Smooth dense CT (Sp1, Rm8)	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71972110PLM_24					Crushed
M-9-25 - A	Behind ceramic wall tiles (Sp1-Rm8) only bottom 3' of walls surfacing & mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_25	mastic				Dissolved
	Behind ceramic wall tiles (Sp1				Gray Non Eibroug

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%.

**None Detected** 

Charmel Dozier (99)

Analyst

-Rm8) only bottom 3' of walls

surfacing & mastic

surfacing

Approved Signatory

97% Other

M-9-25 - B

71972110PLM 79

3% Fiber Glass

Non Fibrous

Crushed

Homogeneous



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
M-9-26 - A	Behind ceramic wall tiles (Sp1 -Rm8) only bottom 3' of walls surfacing & mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_26	mastic				Dissolved
M-9-26 - B	Behind ceramic wall tiles (Sp1 -Rm8) only bottom 3' of walls surfacing & mastic	None Detected	3% Fiber Glass	97% Other	Gray Non Fibrous Homogeneous
71972110PLM_80	surfacing				Crushed
M-9-27 - A	Behind ceramic wall tiles (Sp1 -Rm8) only bottom 3' of walls surfacing & mastic	Not Analyzed			
71972110PLM_27	mastic-TEM				
M-9-27 - B	Behind ceramic wall tiles (Sp1 -Rm8) only bottom 3' of walls surfacing & mastic	None Detected	3% Fiber Glass	97% Other	Gray Non Fibrous Homogeneous
71972110PLM_81	surfacing				Crushed
CT-10-28	2'x4' Wormhole CT (Sp1-Rm9)	None Detected	35% Cellulose 35% Mineral Wool	30% Other	Tan Fibrous Homogeneous
71972110PLM_28					Teased
CT-10-29	2'x4' Wormhole CT (Sp1- Rm9)	None Detected	35% Cellulose 35% Mineral Wool	30% Other	Tan Fibrous Homogeneous
71972110PLM_29					Teased
CT-10-30	2'x4' Wormhole CT (Sp1- Rm9)	None Detected	35% Cellulose 35% Mineral Wool	30% Other	Tan Fibrous Homogeneous
71972110PLM_30					Teased
FT-11-31 - A	12x12 Red FT (Sp1-Rm9 bottom layer)	3% Chrysotile		97% Other	Red Non Fibrous Homogeneous
71972110PLM 31	tile				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



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM **Date Received:** 8/10/2021

**Date Reported:** 8/17/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-11-31 - B	12x12 Red FT (Sp1-Rm9 bottom layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_82	mastic				Dissolved
FT-11-32 - A	12x12 Red FT (Sp1-Rm9 bottom layer)	3% Chrysotile		97% Other	Red Non Fibrous Homogeneous
71972110PLM_32	tile				Dissolved
FT-11-32 - B	12x12 Red FT (Sp1-Rm9 bottom layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972110PLM_83	mastic				Dissolved
FT-11-33	12x12 Red FT (Sp1-Rm9 bottom layer)	Not Analyzed			
71972110PLM_33	TEM				
DW-12-34	Drywall (Sp1,Rm8)	None Detected	10% Cellulose	90% Other	White, Tan Fibrous Homogeneous
71972110PLM_34					Crushed
DW-12-35	Drywall (Sp1,Rm8)	None Detected	10% Cellulose	90% Other	White, Tan Fibrous Homogeneous
71972110PLM_35					Crushed
DW-12-36	Drywall (Sp1,Rm8)	None Detected	10% Cellulose	90% Other	White, Tan Fibrous Homogeneous
71972110PLM_36					Crushed
FT-13-37 - A	9x9 Black FT (Sp2,Rm3 & part of rm 15)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
71972110PLM 37	tile	1			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



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID	Description	A alla a a 4 a a	Fibrous	Non-Fibrous	Attributes	
Lab Sample ID	Lab Notes	- Asbestos	Components	Components	Treatment	
FT-13-37 - B	9x9 Black FT (Sp2,Rm3 & part of rm 15)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous	
71972110PLM_84	mastic				Dissolved	
FT-13-38 - A	9x9 Black FT (Sp2,Rm3 & part of rm 15)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous	
71972110PLM_38	tile				Dissolved	
FT-13-38 - B	9x9 Black FT (Sp2,Rm3 & part of rm 15)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous	
71972110PLM_85	mastic				Dissolved	
FT-13-39	9x9 Black FT (Sp2,Rm3 & part of rm 15)	Not Analyzed				
71972110PLM_39						
VF-14-40 - A	Faux brick vinyl flooring (Sp2, Rm5)	5% Chrysotile		95% Other	Red Non Fibrous Homogeneous	
71972110PLM_40	tile				Dissolved	
VF-14-40 - B	Faux brick vinyl flooring (Sp2, Rm5)	None Detected		100% Other	Black Non Fibrous Homogeneous	
71972110PLM_86	mastic				Dissolved	
VF-14-41 - A	Faux brick vinyl flooring (Sp2, Rm5)	5% Chrysotile		95% Other	Red Non Fibrous Homogeneous	
71972110PLM_41	tile				Dissolved	
VF-14-41 -	Faux brick vinyl flooring				Black	

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%.

3% Chrysotile

Charmel Dozier (99)

Analyst

(Sp2, Rm5)

mastic

Approved Signatory

97% Other

VF-14-41 -

71972110PLM 87

В

Non Fibrous

Dissolved

Homogeneous



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes	
Lab Sample ID	Lab Notes	Asbestos	Components	Components		
VF-14-42	Faux brick vinyl flooring (Sp2, Rm5)	Not Analyzed				
71972110PLM_42						
VF-15-43	Faux terazzo vinyl flooring (Sp2, Rm1)	35% Chrysotile		65% Other	Beige Fibrous Homogeneous	
71972110PLM_43					Teased, Dissolved	
VF-15-44	Faux terazzo vinyl flooring (Sp2, Rm1)	35% Chrysotile		65% Other	Beige Fibrous Homogeneous	
71972110PLM_44					Teased, Dissolved	
VF-15-45	Faux terazzo vinyl flooring (Sp2, Rm1)	Not Analyzed				
71972110PLM_45						
TB-16-46 -	4" Brown toeboard (Sp2,Rm1)	None Detected		100% Other	Brown Non Fibrous Homogeneous	
71972110PLM_46	toeboard				Dissolved	
TB-16-46 - B	4" Brown toeboard (Sp2,Rm1)	None Detected		100% Other	Brown Non Fibrous Homogeneous	
71972110PLM_88	mastic				Dissolved	
TB-16-47 -	4" Brown toeboard (Sp2,Rm1)	None Detected		100% Other	Brown Non Fibrous Homogeneous	
71972110PLM_47	toeboard				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%.

**None Detected** 

Charmel Dozier (99)

Analyst

4" Brown toeboard (Sp2,Rm1)

Approved Signatory

100% Other

TB-16-47 -

71972110PLM 89

В

Brown

Non Fibrous

Homogeneous Dissolved



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Project:	PP0E00521	- Basement 8/6/2	1

Sample ID	Description	A 1	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TB-16-48	4" Brown toeboard (Sp2,Rm1)	Not Analyzed			
71972110PLM_48	TEM				
DW-17-49	Canvas wrap & TSI on HVAC ducts (Sp2-Rms 1,3,4,6,8,9,10,14)	45% Chrysotile	15% Cellulose	40% Other	Gray, White Fibrous Homogeneous
71972110PLM_49	unable to separate wrap				Teased
DW-17-50	Canvas wrap & TSI on HVAC ducts (Sp2-Rms 1,3,4,6,8,9,10,14)	45% Chrysotile	15% Cellulose	40% Other	Gray, White Fibrous Homogeneous
71972110PLM_50	unable to separate wrap				Teased
DW-17-51	Canvas wrap & TSI on HVAC ducts (Sp2-Rms 1,3,4,6,8,9,10,14)	45% Chrysotile	15% Cellulose	40% Other	Gray, White Fibrous Homogeneous
71972110PLM_51	unable to separate wrap				Teased
TSI-18-52 - A	Thermal system insulation, med dia pipe, hard joints	55% Chrysotile	10% Cellulose	35% Other	Gray Fibrous Homogeneous
71972110PLM_52	insulation 1-unable to separate wrap	v			Teased
TSI-18-52 - B	Thermal system insulation, med dia pipe, hard joints	15% Amosite 5% Chrysotile		80% Other	White Fibrous Homogeneous
71972110PLM_90	insulation 2	370 Cm ysome			Teased
TSI-18-53 -	Thermal system insulation, med dia pipe, hard joints	55% Chrysotile	10% Cellulose	35% Other	Gray Fibrous Homogeneous
71972110PLM_53	nisulation 1-unable to separate wrap	·			Teased
TSI-18-53 - B	Thermal system insulation, med dia pipe, hard joints	15% Amosite 5% Chrysotile		80% Other	White Fibrous Homogeneous
71972110PLM_91	insulation 2	570 Cm ysome			Teased

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)



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
TSI-18-54 - A	Thermal system insulation, med dia pipe, hard joints	None Detected	25% Fiber Glass	75% Other	White Fibrous Homogeneous
71972110PLM_54	wrap				Dissolved
ΓSI-18-54 - Β	Thermal system insulation, med dia pipe, hard joints	None Detected		100% Other	Tan Non Fibrous Homogeneous
71972110PLM_92	insulation 1				Crushed
ΓSI-18-54 - C	Thermal system insulation, med dia pipe, hard joints	None Detected	20% Mineral Wool	80% Other	Gray Fibrous Homogeneous
71972110PLM_93	insulation 2				Teased
ΓSI-19-55 - A	Thermal system insulation, small dia pipe, hard joints	55% Chrysotile	10% Cellulose	35% Other	Gray Fibrous Homogeneous
71972110PLM_55	insulation 1-unable to separate wrap				Teased
ГSI-19-55 - В	Thermal system insulation, small dia pipe, hard joints	10% Chrysotile	65% Mineral Wool	25% Other	Gray Fibrous Homogeneous
71972110PLM_94	insulation 2				Teased
ΓSI-19-56 - A	Thermal system insulation, small dia pipe, hard joints	10% Chrysotile	65% Mineral Wool	25% Other	Gray Fibrous Homogeneous
71972110PLM_56	insulation 1-unable to separate wrap				Teased
ΓSI-19-56 - Β	Thermal system insulation, small dia pipe, hard joints	10% Chrysotile	65% Mineral Wool	25% Other	Gray Fibrous Homogeneous
71972110PLM_95	insulation 2				Teased
TSI-19-57 - A	Thermal system insulation, small dia pipe, hard joints	55% Chrysotile	10% Cellulose	35% Other	Gray Fibrous Homogeneous

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

insulation 1-unable to

separate wrap

Approved Signatory

71972110PLM 57

Teased



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID	Description		. T	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes		Asbestos	Components	Components	Treatment
TSI-19-57 - B	Thermal system insulation, small dia pipe, hard joints	10%	Chrysotile	65% Mineral Wool	25% Other	Gray Fibrous Homogeneous
71972110PLM_96	insulation 2					Teased
TSI-20-58	Thermal system insulation, small dia pipe, straight runs	25% 5%	Amosite Chrysotile	10% Cellulose	60% Other	White Fibrous Homogeneous
71972110PLM_58	unable to separate wrap	370	Ciii ysotiic			Teased
TSI-20-59	Thermal system insulation, small dia pipe, straight runs		Amosite Chrysotile	10% Cellulose	60% Other	White Fibrous Homogeneous
71972110PLM_59	unable to separate wrap	270	om y source			Teased
TSI-20-60	Thermal system insulation, small dia pipe, straight runs		Amosite Chrysotile	10% Cellulose	60% Other	White Fibrous Homogeneous
71972110PLM_60	unable to separate wrap	370	Cmysothe			Teased
TSI-21-61	Thermal system insulation, med dia pipe, straight runs	25% 5%	Amosite Chrysotile	10% Cellulose	60% Other	White Fibrous Homogeneous
71972110PLM_61	unable to separate wrap	370	Citi ysothe			Teased
TSI-21-62	Thermal system insulation, med dia pipe, straight runs	25% 5%	Amosite Chrysotile	10% Cellulose	60% Other	White Fibrous Homogeneous
71972110PLM_62	unable to separate wrap	370	Cmysothe			Teased
TSI-21-63	Thermal system insulation, med dia pipe, straight runs		Amosite Chrysotile	10% Cellulose	60% Other	White Fibrous Homogeneous
71972110PLM_63	unable to separate wrap	370	om joune			Teased
TSI-22-64	Thermal system insulation, straight runs (Sp2-Rms 3,4,14)	30%	Chrysotile	50% Cellulose	20% Other	Tan, Black Fibrous Homogeneous
71972110PLM_64	unable to separate layer					Teased

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



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

**Analysis ID:** 71972110 PLM

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-22-65	Thermal system insulation, straight runs (Sp2-Rms 3,4,14)	30% Chrysotile	50% Cellulose	20% Other	Tan, Black Fibrous Homogeneous
71972110PLM_65					Teased
TSI-22-66	Thermal system insulation, straight runs (Sp2-Rms 3,4,14)	30% Chrysotile	50% Cellulose	20% Other	Tan, Black Fibrous Homogeneous
71972110PLM_66					Teased
BBI-23-67	Brown kraft paper around yellow fiberglass around HVAC duct (Sp2-Rms 1&14)	None Detected	70% Cellulose	30% Other	Tan, Black Fibrous Homogeneous
71972110PLM_67					Teased, Dissolved
BBI-23-68	Brown kraft paper around yellow fiberglass around HVAC duct (Sp2-Rms 1&14)	None Detected	70% Cellulose	30% Other	Tan, Black Fibrous Homogeneous
71972110PLM_68					Teased, Dissolved
BBI-23-69	Brown kraft paper around yellow fiberglass around HVAC duct (Sp2-Rms 1&14)	Not Analyzed			
71972110PLM_69	TEM				
TSI-24-70 - A	Thermal system insulation hard joints (Sp2-Rms 3,4,14)	15% Chrysotile	30% Mineral Wool	55% Other	Tan Fibrous Homogeneous
71972110PLM_70	insulation 1				Teased
TSI-24-70 - B	Thermal system insulation hard joints (Sp2-Rms 3,4,14)	55% Chrysotile		45% Other	Gray Fibrous Homogeneous
71972110PLM_97	insulation 2				Teased
TSI-24-71 -	Thermal system insulation hard joints (Sp2-Rms 3,4,14)	15% Chrysotile	30% Mineral Wool	55% Other	Tan Fibrous Homogeneous
71972110PLM_71	insulation 1				Teased

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)



71972110PLM\_99

# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

insulation 2

PP0E00521 - Basement 8/6/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972110

Analysis ID: 71972110 PLM

Teased

**Date Received:** 8/10/2021 **Date Reported:** 8/17/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
TSI-24-71 - B	Thermal system insulation hard joints (Sp2-Rms 3,4,14)	55% Chrysotile		45% Other	Gray Fibrous Homogeneous
71972110PLM_98	insulation 2				Teased
TSI-24-72 -	Thermal system insulation hard joints (Sp2-Rms 3,4,14)	15% Chrysotile	30% Mineral Wool	55% Other	Tan Fibrous Homogeneous
71972110PLM_72	insulation 1				Teased
TSI-24-72 - B	Thermal system insulation hard joints (Sp2-Rms 3,4,14)	55% Chrysotile		45% Other	Gray Fibrous Homogeneous

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)



Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71972110
Client Code: _	

Company Con	tact Information				Asbestos Test Ty	pes
Company: GEL En	gineering, LLC	Contact:	RonSin	ape/Sarah Browning	PLM EPA 600/R-93/116 (PLM)	X
	avage Road	_		769-7378	Positive stop	
	ston, SC 29407	Fax □:	Fax []: 843/769-7397		PLM Point Count 400 (PT4)	
				d.Sharpe@gel.com	PLM Point Count 1000 (PTM)	
			Sarah browning egel con		PCM NIOSH 7400-A Rules (PCM)	
Billing/Invoice	Information	Turn	Aro	und Times	B Rules (PCB) TWA (P	ΓA) 🔲
Company:		90 Min.		48 Hours	TEM AHERA (AHE)	
Contact:	Same	3 Hours		72 Hours	TEM Level II (LII)	
Address: A5		6 Hours		96 Hours	TEM NIOSH 7402 (TNI)	
	Above	12 Hours		120 Hours 🗶	TEM Bulk Qualitative (TBL)	
	7,000	24 Hours		144 <sup>+</sup> Hours	TEM Bulk Chatfield (TBS)	X
					TEM Bulk Quantitative (TBQ)	
PO Number:				-00	TEM Wipe ASTM D6480-05	
Project Name/Nu	mber: PPOEO	0521 ~ Bas	ieme	n+ (8/6/21)	TEM Microvac ASTM D5755-02	
				Ties of	TEM Water EPA 100.2 (TW1)	
. 1	TEM * Run	PLM+TEM SIN	nultai	reously-X	Other:	
0 -	IEM			•	•	
Sample ID #	Descri	iption/Location		Volume/A	rea Comments	
I-1-1	Insulation on	caustic room	door	25 Lf	Analyze bitumin	ous
I-1-2	(SPI, RmI)				coating only	
I-1-3				1	J ( )	
C-2-4	Caulk on c	austic room	1 do	or 1000 Obs	envel Analyze all lay	iers
C-2-5	(Spl, Rml)					
C-2-6		1		1		
6-3-7	Gaskets Fro	m process	SVS	tems All gaske	ts Analyze gaste	tonly
6-3-8	V 42 P C 1 2 1 2 2	1	1	on process system fl	c naks	1
6-3-9				2750	113	
FT - 4 - 10	12×12 Cream	Streaked Ft (	Rms	12-15, 850 SF	Analyze tile om	activ
FT 4 W	SPI - 2 Layers in	nall but cm 12	()	12-15, 850 SF	1	151.0
ET -4 -112/	2 Layers II	J Dorrange		<b>V</b>	Total # of Samples 72	
Relinan	ished by	Date/Time		Received by		
1/1/		-	0	0.	8110	
Lues Xn	duron	89/218 1200	-	· ·	10130	nm
		· · · · · · · · · · · · · · · · · · ·		-1		. M. 1
			Λ	The before		3
	•			ccepted	A-F-017 EXE	2/4/2021
			R	ejected		



Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71972110
Client Code: _	

\* Run PLM+ TEM simultaneously \*

Sample ID #	mple ID # Specific Location		a Comments	
FT-5-13	12×12 Mustard Yellow FT (Rm13-Sp1)	144 SF	Analyze tile and	
FT-5-14	(Bettom layer)		mastic	
FI-5-15	4	4	1	
BBI-6-16	Pink black batt insulation (Spl-	6800 SF	Analyze black bat	
BBI-6-17	Rms 14 +15, SP2-Rm 13)		only	
BBI-6-18	•	· · · · ·	L'	
WG-7-19	Window glaze (Sp1-Am12)	2 Windows	Analyze glaze only	
WG-7-20			.,,	
WG-7-21	•	V	4	
CT-8-22	2x2' Smooth dense CT (Sp1, Rm8)	360 SF	Analyze calling til	
CT-8-23			only	
CT-8-24	<b>V</b>	<b>V</b>	1	
M - 9 - 25	Behind Coramic Wall Tiles (Sp1-RM8)	190 SF	Analyze mastic bsurfa	
M - 9 - 26	only bottom 3 of walls Surfacing to		CTEM Mastic only	
M-9-27	mastic .	V	V	
CT-10-28	21x41 Wormhole (T (Sp1-Rm9)	2900 SF	Analyze coling til	
CT-10-29			only 1	
CT-10-30	3	V	V	
FT-11-31	12x2 Red FT (Spt-Rm9 bottom	225 SF	Analyze tile + mas	
FT-11-32	layer)			
FT-11-33	<b>*</b>	100	V	
DW-12-34	Drywall (SPI, Rm8)	644 SF	Analyze drywall	
DW-12-35			only	
DW-12-36	V		*	
FT-13-37	9×9 Black FT (Sp2, Rm3+	575 SF	Analyze tile b	
/ FT-13-38	part of Rm 15)		mastic .	
FT-13-39	*	V	<b>V</b>	
VF-14-40	Faux brick Vinyl flooring (Spz, Rms)	200 SF	Analyze vinyl +	
VF-14-41			mastic	
VF-14-42	<b>V</b>	1.00	¥	
VF-18-43	Faux Terazzo vinyl flooring	1080 SF		
VF-15-44	(Sp2, Rm1)			
VE-15-45	¥	V .	4	
TB-16-46	4" Brown Toeboard (Spz, Rm)	140 LF	Analyze toeboard	
7B-16-47			tingstie	
TB-16-48	<b>V</b>	V	*	
DW-17-49	Canvas wrap + TSI on HVAC	2220SF	Analyze all laye	
DW-17-50	ducts (SPZ-Rms1,3,4,6,8)		minus insulation	
DW-17-51	4,10,14)	1	Page 2 of 3	



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

dilabiooni	ias esalias icolli	
Run PLM+ TEM	simultaneously	*

Lab Use Only Lab Order ID:	71972110
Client Code: _	

000	A VOLI 1 Class 2 Milatian leaded 2				
Sample ID #	Specific Location	Volume/Area	Comments		
TSI-18 - 52	Thermal System Insulation, med	Process System	Analyze all TSI		
TSI-18-53	dia pipe, hardjoints	lines	materials on proce		
TSI- 18-54	, ,		system lines		
TSI-19-55	Thermal System Insulation, small				
TSI-19-56	dia pipe, hard joints	,			
TSI-19-57	1				
TSI-20-58	Thermal System Insulation, small				
TSI-20-59	dia pipe, straight runs				
131-20-60					
ISI -21 - 61	Thermal System Insulation, med				
151-21-62	dia pipe, straight runs				
1SI-21-63	- 10 111	110.10			
TSI-22-64	Thermal System Insulation,	110 LF			
121-11-65	straight runs (Sp2-Rms 3, 4, 14)				
151-22-66	Davis Va G Grace and add to	60 SF	1. L. G		
BBI-23-67 BBI-23-68	Brown Kraft Paper around yellow	60 SF	Analyze kraft		
BRI-23-69	fiberglass around HVAC Duct (Sp2-Rms 1 + 14)		paper only		
1SI-24-70	Thermal System Insulation	Process System	Analyze all TSI		
TSI-24-71	hard joints (92-RMS 3, 4, 14)	lines	materials		
TCT-24-72	Mara Join 3 42 Nº5 3,43 143	1.	Majerials		
15+0.12	<b>Y</b>	V	Ψ		
			1 6 1		
·					
	-				
:					
14					
	The state of the s				



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

Lab Order ID:

71971373

Charleston, SC 29407

71971373 TB

**Date Received:** 

7/29/2021

**Date Reported:** 

**Analysis ID:** 

8/5/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)
C-1-3	White caulk in Men's Bathroom by Office 1	29%	-	None Detected	
71971373TBS_1					
TB-4-12-a	4" Toeboard - brownish /gray w/assoc. mastic in Office 4	57%	-	None Detected	
71971373TBS_2	toeboard				
TB-4-12-b	4" Toeboard - brownish /gray w/assoc. mastic in Office 4	31%	-	None Detected	
71971373TBS_20	mastic				
FT-5-15-a	Rust colored dirty floor tile 12"x12" w/assoc mastic in Office 4	19%	79%	None Detected	
71971373TBS_3	tile				
FT-5-15-b	Rust colored dirty floor tile 12"x12" w/assoc mastic in Office 4	37%	_	None Detected	
71971373TBS_21	mastic				
FT-6-18-a	Blue/gray dirt covered floor 12"x12" tile & associated black mastic in Offices 2 & 3	26%	57%	None Detected	
71971373TBS_4	tile				

Disclaimer: 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.

Daniel Schwartz (28)

Analyst

**Approved Signatory** 

T-F-010 r15 1/15/2018



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning Lab Order ID:

**Date Received:** 

71971373

Charleston, SC 29407

Ron Sharpe

**Analysis ID:** 71971373 TB

7/29/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

**Date Reported:** 8/5/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)
FT-6-18-b	Blue/gray dirt covered floor 12"x12" tile & associated black mastic in Offices 2 & 3	50.%	-	None Detected	
71971373TBS_22	mastic				
BBI-7-21	Tan black batt insulation w/yellow fiberglass insulation in walls of Office 1	90.%	-	None Detected	
71971373TBS_5					
BBI-9-27	Pink black batt insulation #1 on walls of canteen	87%	-	None Detected	
71971373TBS_6					
BBI-12-36	Black batt insulation w/yellow fiberglass; above ceiling in Room 7 of second floor	81%	-	None Detected	
71971373TBS_7					
FT-13-39-a	Brown streaked floor tile 12"x12" middle office second floor (top layer) - all rms except Rm 7	23%	77%	None Detected	
71971373TBS_8	tile				
FT-13-39-b	Brown streaked floor tile 12"x12" middle office second floor (top layer) - all rms except Rm 7	82%	_	None Detected	
71971373TBS_23	mastic				

Disclaimer: 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.

Daniel Schwartz (28)

Analyst

Approved Signatory

T-F-010 r15 1/15/2018

Page 2 of 5

tem\_2.2.001



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning

Lab Order ID:

71971373

Charleston, SC 29407

Ron Sharpe

**Analysis ID:** 

71971373 TB

**Date Received:** 

7/29/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

**Date Reported:** 8/5/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
M-14-42	Red non-slip stairs mastic; stairs to upper level middle offices	65%	-	0.35 %	Chrysotile	0.32% - 0.39%
71971373TBS_9	mastic only					
BBI-15-45	Silver black batt insulation; middle offices second floor walls behind wood paneling except Rm 7	78%	-	None Detected		
71971373TBS_10						
FT-16-48-a	9"x9" Brown floor tile & associated black mastic; middle offices second floor-all rms except bathroom (btm layer)	22%	14%	38 %	Chrysotile	34% - 42%
71971373TBS_11	tile					
FT-16-48-b	9"x9" Brown floor tile & associated black mastic; middle offices second floor-all rms except bathroom (btm layer)	72%	_	17 %	Chrysotile	15% - 18%
71971373TBS_24	mastic					
FT-18-54-a	9"x9" Rust colored floor tile & associated black mastic; middle offices 1st floor (top layer)	23%	33%	8.8 %	Chrysotile	7.9% - 9.7%
71971373TBS_25	tile					
FT-18-54-b	9"x9" Rust colored floor tile & associated black mastic; middle offices 1st floor (top layer)	51%	_	9.8 %	Chrysotile	8.8% - 11%
71971373TBS_12	mastic					

Disclaimer: 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.

Daniel Schwartz (28)

Analyst



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning

Lab Order ID:

71971373

Charleston, SC 29407

Ron Sharpe

**Analysis ID:** 

71971373 TB

**Date Received:** 

7/29/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

**Date Reported:** 8/5/2021

Sample ID	Description	Organic	501.	Asbestos		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
FT-19-57-a	12"x12" Tan w/brown streak floor tile & associated yellow mastic; middle offices 1st floor (top layer)	26%	72%	None Detected		
71971373TBS_13	tile					
FT-19-57-b	12"x12" Tan w/brown streak floor tile & associated yellow mastic; middle offices 1st floor (top layer)	49%	-	None Detected		
71971373TBS_26	mastic					
BBI-20-60	Black batt insulation w/pink Hall Rm 2 & 3 fiberglass #2, middle offices first floor walls behind wood paneling	88%	-	0.24 %	Chrysotile	0.21% - 0.26%
71971373TBS_14						
G-21-63	Rust colored gaskets on various size flanges	29%	-	21 %	Chrysotile	19% - 24%
71971373TBS_15						
FL-29-87	Black flashing on East exterior of building leftover residual - no overhangs present	88%	_	1.2 %	Chrysotile	1.1% - 1.4%
71971373TBS_16						
EJ-30-90	Gray expansion joint compound on East exterior of building	63%	_		None Detected	
71971373TBS_17						

Disclaimer: 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.

Daniel Schwartz (28)

Analyst



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning

Lab Order ID:

71971373

Charleston, SC 29407

Ron Sharpe

71971373 TB

**Analysis ID: Date Received:** 

7/29/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

**Date Reported:** 8/5/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Organic	Acid Sol. (Wt. %)	Asbestos (Wt. %)	LCL-UCL (Wt. %)	
FT-32-96-a	Dark gray 12'x12' floor tile & associated mastic space 3 Rm 1	16%	83%	None Detected		
71971373TBS_18	tile					
FT-32-96-b	Dark gray 12'x12' floor tile & associated mastic space 3 Rm 1	23%	-	None Detected		
71971373TBS_27	mastic					
TB-33-99-b	Grayish blue toeboard & associated mastic space 3 Rm 1	30.%	-	None Detected		
71971373TBS_28	mastic					
TB-33-99-a	Grayish blue toeboard & associated mastic space 3 Rm 1	41%	-	None Detected		
71971373TBS_19	toeboard					

Disclaimer: 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.

Daniel Schwartz (28)

Analyst



#### Scientific Analytical Institute

4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 -Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID: Client Code:	197	1373
	1-11	1010

Company Contact Information				Asbestos Test Typ	es
Company: GEL Engineering, LUD	Contact: Roman	are/Seran Roun	6.	PLM EPA 600/R-93/116 (PLM)	X
Address: 7000 Sevage Read	Phone : ¿43		1	Positive stop	
Gooden a. SC 24407	Fax []: 84:11	769-7397		PLM Point Count 400 (PT4)	
,	Email X: (Chal	d.Svarpe@gel.do	14	PLM Point Count 1000 (PTM)	
		imequicor		PCM NIOSH 7400-A Rules (PCM)	
Billing/Invoice Information	Turn Aro	und Times		B Rules (PCB) TWA (PTA	A) 🗆
Company:	90 Min. 🗌	48 Hours		TEM AHERA (AHE)	
Contact:	3 Hours	72 Hours		TEM Level II (LII)	
Address:	6 Hours	96 Hours	-	TEM NIOSH 7402 (TNI)	
Ace V6	12 Hours 🗌	120 Hours 🔀		TEM Bulk Qualitative (TBL)	
	24 Hours	144 <sup>+</sup> Hours		TEM Bulk Chatfield (TBS)	X
				TEM Bulk Quantitative (TBQ)	
PO Number:			7	TEM Wipe ASTM D6480-05	
Project Name/Number: Profe 00521	Nuclien	USE 4 (7/26/21	T	TEM Microvac ASTM D5755-02	
· Car			7	TEM Water EPA 100.2 (TW1)	
WE TEN * Run PLM + TI	EM simultane	eously *	(	Other:	
400					

Sample ID #	Description/Location	Volume/Area	Comments
5-1-1	White could in Men's	NIOLF	Analyze cauli only
2-1-2	Bathroom I by Office I	i	
U-1-3		V	<b>V</b>
at an and	ceiling tile-smooth, dense	~ 1445=	Analyze ceiling the only
11-1-5	in Mens barnform by Office	1	
27-2-	₩.	<b>V</b>	<b>V</b>
016 3	convus will, my tex react (metal)	~360 SF	Analyze canvas wrap
	ince con main	i	only
21-5-7	warehouse I floor near ididale (FACES	4	<b>V</b>
TR-1-10	4 Tourround - brown on gray w	~ 100 HF	Analyze that N25tic
1-TQ-4-19	mastic in office 4	i	only
1-18-1-12		V	Total # of Samples

Relinquished by Date/Time Received by Date/Time

accepted-

Page 1 of 4







#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com

lab@sailab.com

Lab Use Only Lab Order ID:	197	13	13
Client Code:			

Warehouse 4 Sample ID # Specific Location Volume/Area Comments FT-5-13 rust coursed dicty Hour tile 17x12" Analyze FT+ Mastic TT-5-14 Wlassec I wastic in Office 4 (if present) Ft-5-15 brudging dir covered floor FT-10-110 Analyze FT+ Mastic FT-10-17 associated buck mastic in offices (it mesent) FT- 6-10 2and3 22-7-19 Tan black but insulation w Analyze black ball 10-7-20 Wellow Liberonus's insulation only 25-1-21 in Walls of & Office 1 IB - 3 - 22 ~ BURDUSIE Analuze brick only - Will FR - 0, -02 M - MAIS CREAM FB - B - 24 SAC - 1-05 MUM ST ont busy but insulation Analyze black ball BAI - 9 - 26 A) on walls of canteen only BBI - 9-17 Analuse cenenthocard PB- 10-28 INVITE Execut Cement bourd panels 1, UtO SE 13-10-29 on Mezzanine level Only. CB - 10 - 30 200,5F Analyze calling tile and T- 11-31 White reiling tive wormhole PT-11-32 in canteen, office 2, office 3 + Entirety of Middle 14-11-33 BBI-12-84 Analyze black hall only BBT-12-35 of Second Floor Migale 33I-12-34 Above Cellins in L ROOM T F+- 12-57 Analyze FT and MZStic ET- 13 - 30 middle office second floor (if present) ST-12-39 too laner) - allows vencent Em 7 M - 11- 110 \* Analyze Mastic red non-sing stails mastic , stails M-14-41 to upper built middle offices N- 4- 142 2011-15-117 silver black but onsulation. N1410 SE Analyze bizch ball BRE - 15 - 44 middle offices The Second Floor only BBI-15 - 45 Walls behind & wood paneling & ET- 110 - 46 at brown floor tile + associated FT-16-47 INVILL MUSTICE : middle offices Analyze FT+ Mastic FT- 16 - 49 Seronu Floor - all rive (if present) except hathroom ( inth layer)

> 2 of A-F-022 EXP: 2/4/2021

Page

\* RUN PLM+TEH Simultaneously\*

Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	197	1373
Client Code:		

Maria

Sample ID #	Specific Location	Volume/Area	Comments
0-17-47	White pluster up gray outer conting	~1 W 3=	* Aralyze plaste
0-11-50	middle thus (skimtbase		only * both layer
P-17-51	FIGHTSwenty Floor Walts (Wats)	1	1
-T-18-52 9	Thrust covered by	N1 322 SE	Analyze FT+ Mastic
T-16-55	the & assiciated hince mastic.		(if present)
7-16-54	middle africes for Hoor (bith layer)	4	4
ST- 19-55 1	Than all prown stream How the	~1.303F	
9-56	- associated 1998 with middle		
ST- 1 -57	mices of flar (top layer)	4	V
35-72-59.	lower but insulation wo pink ac	5 ~ 1,000 SF	Analyze black ball
300-20-59	Freeze wist middle offices First		only
425-30-90	floor would menind wood paneling	V	+
6-21-61	rust colored gastlets on various	-	Analyze gashet only
3-2-60	size flanges	process system	
3-21-63		flances	¥
3-22-104	the maj system insulation small		Analyze TSi only
51-2-05	diameter; straight run	Lines	
152-12-60 152-13-67	thermal system insulation medium		
TSD-23 - 64	grammer : straight inn		
152-23 -69	Maria Co. Survivali & Co.		
182-14-70.	Harmal system insulation large		
TST - 24 - 71	diameter, straight run		
5-14-12		V	4
05-73	write hard joint, small diameter	Process System	Analyze TSi + Wrap
+3-25 - 7-	3	Lines	only
45-05-75	¥	<u> </u>	
HT-10-76.	white formy hard joint, medium		
ニナーニレーハイ	dianeter 1		
47-22-7名	¥		
45-07-79			in Constitution
-1-27-63	large diameter		
47-27-81 FB-28-82	Cod Share Invested Lateral	V 27.04	
FB- 22 - 03	red brief located behind	へあるるこ	Analyze brick only
F8 - 26 - 24	cream V	1	
		V	Y

Page 3 of 4



# V=TEM \* RUN PLM+TEN SIMUltaneously \*

Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID: _ Client Code: _	1191	1373

Marin

Sample ID #	Specific Location	Volume/Area	Comments
FL-27-45	The second secon	~80 LF	
FL-29-6:	building lather social also	V SO LF	Analyze all flashing
FL-09-67	building letters residual ~ no chech caus present	1	Material V
EJ-30-88	Comment of the contract of Ampania	N30 LF	
EJ-30-89	the present of hindred	000	Analyze expansion
25-30-90	Gray Express or joint compained	only one	joint only
0.0	B and Francisco, But EV.2	32 SF	*
1 - 1 - 1		1	
-	- My Tall Flow the	~ 312 SF	
	+ 155 sie mules spices 2ml	. 1	
4	.,	1	
	and the second	NTH LF	
	377	ì	
	The same was a same	All fire	Aralyze Are vor
	- X	Wax 5	only
			1



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe **Lab Order ID:** 71971372

**Analysis ID:** 71971372\_PLM **Date Received:** 7/29/2021

Date Reported: 8/5/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
C-1-1	White caulk in Men's Bathroom by Office 1	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_1					Dissolved
C-1-2	White caulk in Men's Bathroom by Office 1	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_2					Dissolved
C-1-3	White caulk in Men's Bathroom by Office 1	Not Analyzed			
71971372PLM_3	TEM				
CT-2-4	Ceiling tile - smooth, dense in Men's Bathroom by Office 1	None Detected	10% Cellulose 2% Fiber Glass	88% Other	White, Tan Fibrous Homogeneous
71971372PLM_4					Crushed
CT-2-5	Ceiling tile - smooth, dense in Men's Bathroom by Office 1	None Detected	10% Cellulose 2% Fiber Glass	88% Other	White, Tan Fibrous Homogeneous
71971372PLM_5					Crushed
CT-2-6	Ceiling tile - smooth, dense in Men's Bathroom by Office 1	None Detected	10% Cellulose 2% Fiber Glass	88% Other	White, Tan Fibrous Homogeneous
71971372PLM_6			, , , , , , , , , , , , , , , , , , , ,		Crushed
CW-3-7	Canvas wrap, big box duct (metal) beige/on Main Warehouse floor near middle	None Detected	90% Cellulose	10% Other	White Fibrous Homogeneous
71971372PLM_7					Ashed

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%.

**None Detected** 

Charmel Dozier (135)

Canvas wrap, big box duct

Warehouse floor near middle

(metal) beige/on Main

CW-3-8

P-F-002 r15 1/16/2021

71971372PLM 8

Analyst Approved Signatory

90% Cellulose

White

Fibrous

Ashed

Homogeneous

10% Other



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

Proiect:	PP0E00521 Warehouse 4 7/26	$\sqrt{21}$

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CW-3-9	Canvas wrap, big box duct (metal) beige/on Main Warehouse floor near middle	None Detected	90% Cellulose	10% Other	White Fibrous Homogeneous
71971372PLM_9					Ashed
TB-4-10 - A	4" Toeboard - brownish/gray w/assoc. mastic in Office 4	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971372PLM_10	toeboard				Dissolved
TB-4-10 - B	4" Toeboard - brownish/gray w/assoc. mastic in Office 4	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_103	mastic				Dissolved
TB-4-11 - A	4" Toeboard - brownish/gray w/assoc. mastic in Office 4	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971372PLM_11	toeboard				Dissolved
TB-4-11 - B	4" Toeboard - brownish/gray w/assoc. mastic in Office 4	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_104	mastic				Dissolved
TB-4-12	4" Toeboard - brownish/gray w/assoc. mastic in Office 4	Not Analyzed			
71971372PLM_12	TEM				
FT-5-13 - A	Rust colored dirty floor tile 12"x12" w/assoc mastic on Office 4	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_13	tile				Dissolved
FT-5-13 - B	Rust colored dirty floor tile 12"x12" w/assoc mastic on Office 4	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_105	mastic				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 (135)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-5-14 - A	Rust colored dirty floor tile 12"x12" w/assoc mastic on Office 4	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_14	tile	21020 2 000000			Dissolved
FT-5-14 - B	Rust colored dirty floor tile 12"x12" w/assoc mastic on Office 4	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_106	mastic				Dissolved
FT-5-15	Rust colored dirty floor tile 12"x12" w/assoc mastic on Office 4	Not Analyzed			
71971372PLM_15	TEM				
FT-6-16 - A	Blue/gray dirt covered floor 12"x12" tile & associated black mastic in Offices 2 and	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971372PLM_16	tile				Dissolved
FT-6-16 - B	Blue/gray dirt covered floor 12"x12" tile & associated black mastic in Offices 2 and	2% Chrysotile		98% Other	Black Non Fibrous Homogeneous
71971372PLM_107	mastic				Dissolved
FT-6-17 - A	Blue/gray dirt covered floor 12"x12" tile & associated black mastic in Offices 2 and	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971372PLM_17	tile				Dissolved
FT-6-17 - B	Blue/gray dirt covered floor 12"x12" tile & associated black mastic in Offices 2 and	2% Chrysotile		98% Other	Tan Non Fibrous Homogeneous
71971372PLM_108	mastic	-			Dissolved
FT-6-18	Blue/gray dirt covered floor 12"x12" tile & associated black mastic in Offices 2 and	Not Analyzed			
71971372PLM 18	TEM				

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 (135)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe **Lab Order ID:** 71971372

**Analysis ID:** 71971372\_PLM

**Date Received:** 7/29/2021 **Date Reported:** 8/5/2021

Sample ID  Lab Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
	Lab Notes		Components	Components	Treatment
BBI-7-19	Tan black batt insulation w/yellow fiberglass insulation in walls of Fiice 1	None Detected	70% Cellulose	30% Other	Tan, Black Fibrous Homogeneous
71971372PLM_19					Dissolved
BBI-7-20	Tan black batt insulation w/yellow fiberglass insulation in walls of Fiice 1	None Detected	70% Cellulose	30% Other	Tan, Black Fibrous Homogeneous
71971372PLM_20					Dissolved
BBI-7-21	Tan black batt insulation w/yellow fiberglass insulation in walls of Fiice 1	Not Analyzed			
71971372PLM_21	TEM				
FB-8-22	Brick (first layer) N.W.S walls cream	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971372PLM_22					Crushed
FB-8-23	Brick (first layer) N.W.S walls cream	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971372PLM_23					Crushed
FB-8-24	Brick (first layer) N.W.S walls cream	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971372PLM_24					Crushed
BBI-9-25	Pink black batt insulation #1 on walls of canteen	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_25					Dissolved
BBI-9-26	Pink black batt insulation #1 on walls of canteen	None Detected		100% Other	Black Non Fibrous Homogeneous

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 (135)

Approved Signatory

71971372PLM 26

Dissolved



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

Sample ID	Sample ID Description  Lab Sample ID Lab Notes	Asbestos	Fibrous	Non-Fibrous Components	Attributes
Lab Sample ID			Components		Treatment
BBI-9-27	Pink black batt insulation #1 on walls of canteen	Not Analyzed			
71971372PLM_27	TEM	•			
CB-10-28	White/cream cement board panels on mezzanine level	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71971372PLM_28					Crushed
CB-10-29	White/cream cement board panels on mezzanine level	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71971372PLM_29					Crushed
CB-10-30	White/cream cement board panels on mezzanine level	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71971372PLM_30					Crushed
CT-11-31	White ceiling tile (wormhole) in canteen, Office 2, Office 3, & entirety of middle offices	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971372PLM_31					Teased
CT-11-32	White ceiling tile (wormhole) in canteen, Office 2, Office 3, & entirety of middle offices	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971372PLM_32					Teased
CT-11-33	White ceiling tile (wormhole) in canteen, Office 2, Office 3, & entirety of middle offices	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971372PLM_33					Teased
BBI-12-34	Black batt insulation w/yellow fiberglass; above ceiling in Room 7 of second floor	None Detected		100% Other	Black Non Fibrous Homogeneous
	-	_ , 0220 22 0000000			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 (135)



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM **Date Received:** 7/29/2021

Date Reported: 8/5/2021

Sample ID	Description	A ale auto a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
BBI-12-35	Black batt insulation w/yellow fiberglass; above ceiling in Room 7 of second floor	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_35					Dissolved
BBI-12-36	Black batt insulation w/yellow fiberglass; above ceiling in Room 7 of second floor	Not Analyzed			
71971372PLM_36	TEM				
FT-13-37 - A	Brown streaked floor tile 12"x12" middle office second floor	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971372PLM_37	tile				Dissolved
FT-13-37 - B	Brown streaked floor tile 12"x12" middle office second floor	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_109	mastic				Dissolved
FT-13-38 - A	Brown streaked floor tile 12"x12" middle office second floor	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971372PLM_38	tile				Dissolved
FT-13-38 - B	Brown streaked floor tile 12"x12" middle office second floor	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_110	mastic				Dissolved
FT-13-39	Brown streaked floor tile 12"x12" middle office second floor	Not Analyzed			
71971372PLM_39	TEM				
M-14-40	Red non-slip stairs mastic; stairs to upper level middle offices	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_40	small sample				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 (135)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

Sample ID  Lab Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
	Lab Notes				Treatment
M-14-41	Red non-slip stairs mastic; stairs to upper level middle offices	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_41	small sample				Dissolved
M-14-42	Red non-slip stairs mastic; stairs to upper level middle offices	Not Analyzed			
71971372PLM_42	TEM				
BBI-15-43	Silver black batt insulation; middle offices second floor walls behind wood paneling e	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_43	<u>-</u>				Dissolved
BBI-15-44	Silver black batt insulation; middle offices second floor walls behind wood paneling e	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_44	-				Dissolved
BBI-15-45	Silver black batt insulation; middle offices second floor walls behind wood paneling e	Not Analyzed			
71971372PLM_45	TEM				
FT-16-46 - A	9"x9" Brown floor tile & associated black mastic; middle offices second floor-all	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
71971372PLM_46	tile				Dissolved
FT-16-46 - B	9"x9" Brown floor tile & associated black mastic; middle offices second floor-all	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
71971372PLM_111	mastic				Dissolved
FT-16-47 - A	9"x9" Brown floor tile & associated black mastic; middle offices second floor-all	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
71971372PLM 47	tile				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 (135)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

Sample ID	Description	A 1 /	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-16-47 - B	9"x9" Brown floor tile & associated black mastic; middle offices second floor-all	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
71971372PLM_112	mastic				Dissolved
FT-16-48	9"x9" Brown floor tile & associated black mastic; middle offices second floor-all	Not Analyzed			
71971372PLM_48					
P-17-49 - A	White plaster w/gray outer coting middle offices (skim & base coats) first & second floo	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_49	finish				Crushed
P-17-49 - B	White plaster w/gray outer coting middle offices (skim & base coats) first & second floo	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_113	base				Crushed
P-17-50 - A	White plaster w/gray outer coting middle offices (skim & base coats) first & second floo	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_50	finish				Crushed
P-17-50 - B	White plaster w/gray outer coting middle offices (skim & base coats) first & second floo	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_114	base				Crushed
P-17-51 - A	White plaster w/gray outer coting middle offices (skim & base coats) first & second floo	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_51	finish				Crushed
P-17-51 - B	White plaster w/gray outer coting middle offices (skim & base coats) first & second floo	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_115	base				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 (135)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM **Date Received:** 7/29/2021

Date Reported: 8/5/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-18-52 - A	9"x9" Rust colored floor tile & associated black mastic; middle offices 1st floor (btm l	5% Chrysotile		95% Other	Brown Non Fibrous Homogeneous
71971372PLM_52	tile				Dissolved
FT-18-52 - B	9"x9" Rust colored floor tile & associated black mastic; middle offices 1st floor (btm l	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_116	mastic				Dissolved
FT-18-53 - A	9"x9" Rust colored floor tile & associated black mastic; middle offices 1st floor (btm l	5% Chrysotile		95% Other	Brown Non Fibrous Homogeneous
71971372PLM_53	tile				Dissolved
FT-18-53 - B	9"x9" Rust colored floor tile & associated black mastic; middle offices 1st floor (btm l	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_117					Dissolved
FT-18-54	9"x9" Rust colored floor tile & associated black mastic; middle offices 1st floor (btm l	Not Analyzed			
71971372PLM_54	TEM				
FT-19-55 - A	12"x12" Tan w/brown streak floor tile & associated yellow mastic; middle offices 1st floo	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971372PLM_55	tile				Dissolved
FT-19-55 - B	12"x12" Tan w/brown streak floor tile & associated yellow mastic; middle offices 1st floo	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_118	mastic				Dissolved
FT-19-56 - A	12"x12" Tan w/brown streak floor tile & associated yellow mastic; middle offices 1st floo	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971372PLM 56	tile				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 (135)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

<b>Project:</b>	PP0E00521 Warehouse 4 7/26/21
-----------------	-------------------------------

Sample ID	Description	A ala auta a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-19-56 - B	12"x12" Tan w/brown streak floor tile & associated yellow mastic; middle offices 1st floo	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_119	mastic				Dissolved
FT-19-57	12"x12" Tan w/brown streak floor tile & associated yellow mastic; middle offices 1st floo	Not Analyzed			
71971372PLM_57	TEM				
BBI-20-58	Black batt insulation w/pink Hall Rm 2 & 3 fiberglass #2, middle offices first floor walls	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_58					Dissolved
BBI-20-59	Black batt insulation w/pink Hall Rm 2 & 3 fiberglass #2, middle offices first floor walls	None Detected		100% Other	Black Non Fibrous Homogeneous
71971372PLM_59					Dissolved
BBI-20-60	Black batt insulation w/pink Hall Rm 2 & 3 fiberglass #2, middle offices first floor walls	Not Analyzed			
71971372PLM_60	TEM				
G-21-61	Rust colored gaskets on various size flanges	70% Chrysotile		30% Other	Gray Fibrous Homogeneous
71971372PLM_61					Teased
G-21-62	Rust colored gaskets on various size flanges	70% Chrysotile		30% Other	Gray Fibrous Homogeneous
71971372PLM_62					Teased
G-21-63	Rust colored gaskets on various size flanges	Not Analyzed			
71971372PLM_63					

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 (135)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

Sample ID	Description	Fibrous		Non-Fibrous	Attributes
Lab Sample ID Lab Notes		Asbestos Components		Components	Treatment
TSI-22-64	Thermal system insulation small diameter; straight run	15% Amosite 5% Chrysotile		80% Other	White Fibrous Homogeneous
71971372PLM_64					Teased
TSI-22-65	Thermal system insulation small diameter; straight run	None Detected	15% Cellulose	85% Other	White Fibrous Homogeneous
71971372PLM_65					Teased
TSI-22-66	Thermal system insulation small diameter; straight run	None Detected	5% Synthetic Fibers	95% Other	White Fibrous Homogeneous
71971372PLM_66					Teased
TSI-23-67	Thermal system insulation medium diameter; straight run	None Detected		100% Other	White Non Fibrous Homogeneous
71971372PLM_67	1				Crushed
TSI-23-68	Thermal system insulation medium diameter; straight run	15% Amosite 5% Chrysotile		80% Other	White Fibrous Homogeneous
71971372PLM_68					Teased
TSI-23-69	Thermal system insulation medium diameter; straight run	None Detected	5% Synthetic Fibers	95% Other	White Fibrous Homogeneous
71971372PLM_69					Teased
TSI-24-70	Thermal system insulation large diameter; straight run	15% Amosite 5% Chrysotile		80% Other	White Fibrous Homogeneous
71971372PLM_70	1	- 1,0 cm your			Teased
TSI-24-71	Thermal system insulation large diameter; straight run	None Detected	10% Synthetic Fibers	90% Other	White Fibrous Homogeneous
71971372PLM 71					Teased

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 (135)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM **Date Received:** 7/29/2021

Date Reported: 8/5/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
TSI-24-72	Thermal system insulation large diameter; straight run	15% Amosite 5% Chrysotile		80% Other	White Fibrous Homogeneous
71971372PLM_72		J J			Teased
НЈ-25-73 - А	White hard joint, small diameter	10% Chrysotile	30% Fiber Glass	60% Other	Gray Fibrous Homogeneous
71971372PLM_73	wrap				Dissolved
НЈ-25-73 - В	White hard joint, small diameter	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_120	insulation				Crushed
НЈ-25-74 - А	White hard joint, small diameter	10% Chrysotile	30% Fiber Glass	60% Other	Gray Fibrous Homogeneous
71971372PLM_74	wrap				Dissolved
НЈ-25-74 - В	White hard joint, small diameter	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_121	insulation				Crushed
НЈ-25-75 - А	White hard joint, small diameter	10% Chrysotile	60% Cellulose	30% Other	Gray Fibrous Homogeneous
71971372PLM_75	wrap				Dissolved
НЈ-25-75 - В	White hard joint, small diameter	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_122	insulation				Crushed
НЈ-26-76 - А	White & gray hard joint, medium diameter	10% Chrysotile	30% Fiber Glass	60% Other	Gray Fibrous Homogeneous
71971372PLM_76	wrap				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 (135)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

Project:	PP0E00521	Warehouse 4	17/26/21

Sample ID	Description	A ala auta a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
НЈ-26-76 - В	White & gray hard joint, medium diameter	None Detected	10% Synthetic Fibers	90% Other	White Fibrous Homogeneous
71971372PLM_123	insulation 1				Teased
НЈ-26-76 - С	White & gray hard joint, medium diameter	None Detected	20% Fiber Glass	80% Other	Gray Non Fibrous Homogeneous
71971372PLM_124	insulation 2				Crushed
НЈ-26-77 - А	White & gray hard joint, medium diameter	3% Chrysotile	30% Fiber Glass	67% Other	Gray Fibrous Homogeneous
71971372PLM_77	wrap				Dissolved
НЈ-26-77 - В	White & gray hard joint, medium diameter	25% Chrysotile		75% Other	White Fibrous Homogeneous
71971372PLM_125	insulation I				Teased
НЈ-26-77 - С	White & gray hard joint, medium diameter	None Detected	20% Fiber Glass	80% Other	Gray Non Fibrous Homogeneous
71971372PLM_126	insulation 2				Crushed
НЈ-26-78 - А	White & gray hard joint, medium diameter	30% Chrysotile		70% Other	Gray Fibrous Homogeneous
71971372PLM_78	insulation 1				Teased
НЈ-26-78 - В	White & gray hard joint, medium diameter	25% Chrysotile		75% Other	White Fibrous Homogeneous
71971372PLM_127	insulation 2				Teased
НЈ-27-79 - А	White & dark gray hard joint, large diameter	5% Chrysotile	90% Cellulose	5% Other	Gray Fibrous Homogeneous
71971372PLM_79	wrap				Teased

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 (135)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe **Lab Order ID:** 71971372

Analysis ID: 71971372\_PLM

**Date Received:** 7/29/2021 **Date Reported:** 8/5/2021

Project:	PP0E00521	Warehouse	4 7/26/21

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
НЈ-27-79 - В	White & dark gray hard joint, large diameter	30% Chrysotile		70% Other	Gray Fibrous Homogeneous
71971372PLM_128	insulation 1				Teased
НЈ-27-79 - С	White & dark gray hard joint, large diameter	25% Chrysotile		75% Other	White Fibrous Homogeneous
71971372PLM_135	insulation 2				Teased
НЈ-27-80 - А	White & dark gray hard joint, large diameter	3% Chrysotile	82% Cellulose	15% Other	Gray Fibrous Homogeneous
71971372PLM_80	wrap				Teased
НЈ-27-80 - В	White & dark gray hard joint, large diameter	30% Chrysotile		70% Other	Gray Fibrous Homogeneous
71971372PLM_129	insulation 1				Teased
НЈ-27-80 - С	White & dark gray hard joint, large diameter	20% Amosite 5% Chrysotile		75% Other	White Fibrous Homogeneous
71971372PLM_130	insulation 2	370 Cm ysothe			Teased
НЈ-27-81	White & dark gray hard joint, large diameter	20% Amosite 5% Chrysotile		75% Other	White Fibrous Homogeneous
71971372PLM_81		o, o any some			Teased
FB-28-82	Red brick located behind cream brick	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_82					Crushed
FB-28-83	Red brick located behind cream brick	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_83					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 (135)

P-F-002 r15 1/16/2021

Analyst Approved Signatory



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FB-28-84	Red brick located behind cream brick	None Detected		100% Other	Red Non Fibrous Homogeneous
71971372PLM_84					Crushed
FL-29-85	Black flashing on East exterior of building leftover residual - no overhangs present	10% Chrysotile	30% Cellulose	60% Other	Black Fibrous Homogeneous
71971372PLM_85					Dissolved
FL-29-86	Black flashing on East exterior of building leftover residual - no overhangs present	10% Chrysotile	30% Cellulose	60% Other	Black Fibrous Homogeneous
71971372PLM_86	1				Dissolved
FL-29-87	Black flashing on East exterior of building leftover residual - no overhangs present	Not Analyzed			
71971372PLM_87	1				
EJ-30-88	Gray expansion joint compound on East exterior of biuilding	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_88	1				Dissolved
EJ-30-89	Gray expansion joint compound on East exterior of biuilding	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_89					Dissolved
EJ-30-90	Gray expansion joint compound on East exterior of biuilding	Not Analyzed			
71971372PLM_90	TEM				
CT-31-91	Birds ft ceiling tile 2'x2' space 3 Rm 1	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971372PLM_91	1				Teased

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 (135)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM

**Date Received:** 7/29/2021 Date Reported: 8/5/2021

**Project:** PP0E00521 Warehouse 4 7/26/21

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Aspestos Components		Treatment
CT-31-92	Birds ft ceiling tile 2'x2' space 3 Rm 1	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971372PLM_92					Teased
CT-31-93	Birds ft ceiling tile 2'x2' space 3 Rm 1	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971372PLM_93					Teased
FT-32-94 - A	Dark gray 12'x12' floor tile & associated mastic space 3 Rm 1	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_94	tile				Dissolved
FT-32-94 - B	Dark gray 12'x12' floor tile & associated mastic space 3 Rm 1	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_131	mastic				Dissolved
FT-32-95 - A	Dark gray 12'x12' floor tile & associated mastic space 3 Rm 1	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_95	tile				Dissolved
FT-32-95 - B	Dark gray 12'x12' floor tile & associated mastic space 3 Rm 1	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971372PLM_132	mastic				Dissolved
FT-32-96	Dark gray 12'x12' floor tile & associated mastic space 3 Rm 1	Not Analyzed			
71971372PLM_96	TEM				
TB-33-97 - A	Grayisg blue toeboard & associated mastic space 3 Rm 1	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_97	toeboard				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 (135)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 Warehouse 4 7/26/21

Attn: Sarah Browning Ron Sharpe

**Lab Order ID:** 71971372

**Analysis ID:** 71971372 PLM **Date Received:** 7/29/2021

Date Reported: 8/5/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucstus	Components	Components	Treatment
TB-33-97 - B	Grayisg blue toeboard & associated mastic space 3 Rm 1	None Detected		100% Other	Yellow, Green Non Fibrous Homogeneous
71971372PLM_133	mastic				Dissolved
TB-33-98 -	Grayisg blue toeboard & associated mastic space 3 Rm 1	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971372PLM_98	toeboard				Dissolved
TB-33-98 - B	Grayisg blue toeboard & associated mastic space 3 Rm 1	None Detected		100% Other	Yellow, Green Non Fibrous Homogeneous
71971372PLM_134	mastic				Dissolved
TB-33-99	Grayisg blue toeboard & associated mastic space 3 Rm 1	Not Analyzed			
71971372PLM_99	TEM				
FH-34-100	Fire hose canvas wrap; fire hoses throughout warehouse 4	None Detected	98% Synthetic Fibers	2% Other	Beige Fibrous Homogeneous
71971372PLM_100	-				Teased
FH-34-101	Fire hose canvas wrap; fire hoses throughout warehouse 4	None Detected	98% Synthetic Fibers	2% Other	Beige Fibrous Homogeneous
71971372PLM_101					Teased
FH-34-102	Fire hose canvas wrap; fire hoses throughout warehouse 4	None Detected	98% Synthetic Fibers	2% Other	Beige Fibrous Homogeneous
71971372PLM 102					Teased

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 (135)

Analyst



### Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	197	137	2
Client Code			

Company Contact Information		Asbestos Test Typ	es	
Company: GEL Engineering, LLC	Contact: Ren Sin	arpe/Serah Brown	PLM EPA 600/R-93/116 (PLM)	X
Address: 2040 Savage Road	Phone □: 8431		Positive stop	
Charleston, SC 29407	Fax []: 843/		PLM Point Count 400 (PT4)	
Unchestory & Action		d.Sharpe@gel.com	PLM Point Count 1000 (PTM)	
		ling@gel.ccH	PCM NIOSH 7400-A Rules (PCM)	
Billing/Invoice Information	Turn Aro	und Times	B Rules (PCB) TWA (PTA	
Company:	90 Min.	48 Hours	TEM AHERA (AHE)	
Contact: Same	3 Hours	72 Hours	TEM Level II (LII)	
Address: AS	6 Hours	96 Hours	TEM NIOSH 7402 (TNI)	
Alouve	12 Hours	120 Hours 🔀	TEM Bulk Qualitative (TBL)	
Mosso	24 Hours	144 <sup>+</sup> Hours	TEM Bulk Chatfield (TBS)	
			TEM Bulk Quantitative (TBQ)	
PO Number:			TEM Wipe ASTM D6480-05	
Project Name/Number: PPOE 00521	Warehou	USE 4 (7/26/21)	TEM Microvac ASTM D5755-02	
			TEM Water EPA 100.2 (TW1)	
( * Run PLM+T	em simultano	eously *	Other:	
400				

Sample ID #	Des	cription/Locatio	n	Volume/Area	C	omments
C-1-1	White	cault in 1	yen's	NOLF	Analyze	caull only
C-1-2	Bathroom	by Office 1				
C-1-3	1	/		<b>V</b>		4
CT-2-4	ceili	ing tile-sm	100th, dense	~ 144 SF	Analyze	ceiling tile only
Ct-2-5	in Men's		oom by officel		3	1
CT-2-6	V		•	<b>V</b>		<b>V</b>
CW-3-7	canvas wra	p, big box d	uct (metal)	~360 SF	Analyze	Canvas wrap
CW-3-8	beine !	0	n Main	i	,	only
CW-3-9	A t	floor near Mid		<b>V</b>		<b>+</b> .:
TB-4-10	4"Toelooard -	brownish gra	y w	~ 100 LF_	Analyze	that Mastic
1TB-4-11	1	Mastic in Of	,		4	only
TB-X-12		V		V	Total # of	Samples
Relinq	uished by	Date/Time	1	Received by		Date/Time
Luce X	nduron	7/28/21 1100	11:46	man 7/2	1910	:30X
	_					

Accepted 🗸

Page 1 of 4



## \* Run PLM+ TEM simultaneously \*



Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	1	197	12	27
Client Code:				

Sample ID #	Specific Location	Volume/Area	Comments
FT-5-13	rust colored dirty floor tile 12"12"	~400 SF	Analyze FT+ Mastic
FT-5-14	w/assoc / wastic in Office 4	1	(if present)
Ft-5-15	V 12"-12"	<b>V</b>	
FT-6-16	bluelgray dirt covered floor the t	~ 360 SF	Analyze FT+ Mastic
FT-6-17	associated black mastic in offices		(if present)
FT-6-18	2 and 3	<b>V</b>	1
BBI-7-19	Tan black but insulation wi	~ 288 SF	Analyze black ball
BBI-7-20	yelow fibrglass insulation		only
BBI-7-21	in Walk of J Office 1	¥37,000	Ψ'
FB-8-22	rellation of britt	~ MUNICONSF	Analyze brick only
FB-8-23	(first layer) N.W. S walls cream		
FB-8-24	1	V 220'	*
BBI - 9 - 25	port black part insulation	~ NOUND SF	Analyze black batt
BBI-9-26	#1 on walls of canteen		only
BBI - 9-27		<b>V</b>	₩ .
CB-10-28	White cream cement bourd panel	5 1,680 SF	Analyze cenenthocard
CB-10-29	on mezzanine level		only
CB-10-30	₩.	4	4
CT- 11-31	White ceiling the (spectalis);	~ 3,800 SF	Analyze calling tile only
CT-11-32			
CT-11-33	in canteen, office 2, office 3, & Entirety of Mic	de V 180	*
BBI-12-34	black batt insulation we yellow	180 (180 ) SF	Analyze black has only
BBI-12-35	fisacioloss:	1	
BBI-12-36	Above ceiling in I ROOM T of Second Floor	Middle V	
Ft- 13-37	brown streamed floor tile 12"x12"	MAT ~ 1,000 5	Analyze FT and Mastic
FT-13-38	middle office second Floor		(if present)
FT-13-39	(top layer)-allows vexcept RM7	4	•
M-14-40	red non-slip stairs mastic: stairs	~ 60 SF	* Analyze mastic
M-14-41	to upper level middle offices		only *
M-14-42	· · · · · · · · · · · · · · · · · · ·	1	1
BBI-15-43	silver black batt insulation;	~1,400 SF	Analyze black ball
BBI-15-44	middle affices Somed Flore	1	only
BBI-15-45	middle offices Second Floor, Walls behind & wood paneling wiff 1	200	Ψ
	Forown floor tile + associated	11200 SF	
TT-16-47			
FT-16-48	Second Floor- all ris		(if present)
	except bathroom (btm layer)	4	

## \* RUN PLM+TEM Simultaneously\*

Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71	97	13	72
Client Code: _				

Warehouse 4

1 = 0 $0 = 0 = 0$		Warehouse 4							
P-17-50 Middle offices 1 (5Kimtbase) P-17-51 First + Sawrill Floris Walls costs) FT-18-52 off ust coxcide 1 floor W1, 320 SF Analyze FT + Hastic FT-18-52 the 4 associated black mastic (if present) FT-18-54 Middle offices 15 floor (thin layer) FT-19-55 Than w) brown proced floor triv w 1, 320 SF FT-19-55 Than w) brown proced floor triv w 1, 320 SF FT-19-55 Than w) brown proced floor triv w 1, 320 SF FT-19-56 Than w) brown proced floor triv w 1, 320 SF FT-19-57 Coffices 15 floor (top layer) FT-19-50 Sq blackt bath insulation of pine for M,000 SF Analyze black bath FT-19-50 Floor Coffices 15 floor (top layer) FT-19-50 Sq blackt bath insulation of pine for M,000 SF Analyze black bath FT-19-50 Sq blackt bath insulation small gasketson FT-19-50 Go floor walls behind wood paneting FT-19-50 Go floor walls behind wood paneting FT-19-50 Go floor walls behind switch floor system Analyze gashet only FT-19-50 Go floor floor floor floor floor system FT-19-50 Go floor f		Sample ID #	Specific Location	Volume/Area	Comments				
P-17-50 Middle offices to the (skimthode P-17-51 First Sound Floor Wills Walk Cotts)  FT-18-52 Giff ust covered for the floor M1,320 SF FT-18-52 Giff ust covered for the floor M1,320 SF FT-18-53 the transmither of floor (bth layer)  FT-19-54 Middle off-ces 15 floor (bth layer)  FT-19-55 Ustan will brown orread floor the M1,320 SF FT-19-56 the associated to Million from M1,320 SF FT-19-57 Chicas 15 floor (bth layer)  FT-19-57 Chicas 15 floor (bth			White plaster w gray outer coating	~1,000 SF	* Analyze plaster				
F-18-52 of yest conced a floor mastic.  FT-18-52 of yest conced a floor mastic.  FT-18-53 tile t assistant bleak mastic.  FT-18-53 tile t assistant bleak mastic.  FT-18-54 middle affres 13 floor (fin layer)  FT-19-55 of than will brown preak floor tre.  FT-19-55 of than will brown preak floor tre.  FT-19-57 cffices 13 floor (for layer)  FT-19-57 cffices 13 floor (for		P-17-50	middle offices of (skintbase		only & both layers				
FT-18-52 air ust covoid for thor Process System Analyze FT+ Nastic  FT-18-53 the of associated block mastic; (if present)  FT-18-54 middle affices 15 floor (him layer)  FT-19-55 than wi brown pread floor the  FT-19-56 of associated process of the process for the process of th		P-17-51	FIRST & Security Floors Walls coats)	1	1				
FT-18-53  FT-18-54  Middle affices 15t floor (thin layer)  FT-19-55  FT-19-57  Cffices 15t floor (thin layer)  FT-19-57  Cffices 15t floor (thin layer)  FT-19-57  Cffices 15t floor (top layer)  FT-19-57  Conly  FT-19-57  Conly  FT-19-57  Conly  FT-19-57  Conly  FT-19-57  Conly  FT-19-50  Conly  Conly  FT-19-50  Conly  FT-10-50  Conly  FT-19-50  Conly  F			rust covored for	~1,320 SF	Analyze FT+ Nastic				
FT-10-54 middle affices 15t floor (bith layer)  FT-19-56 than we brown orread floor the N1,320 SF  FT-19-56 thas a springled to the N1,320 SF  FT-19-57 cffices it floor (top layer)  DPT-20-58 black both insulation of pint 200 ~1,000 SF Analyze black both  OBT-20-59 fiverglass middle offices the first  Only  BBT-20-59 fiverglass middle offices the first  Only  BBT-20-60 floor walls behind wood paneling  G-21-60 rust colored gastets on various All gaskets on Analyze gasnet only  G-21-62 frames  TST-22-65 diameter straight run  TST-22-65 diameter straight run  TST-23-67 thormal system insulation medium  TST-23-67 thormal system insulation large  TST-23-79 thormal system insulation large  HT-210-71 diameter straight run  HT-210-71 diameter  HT-210-71 diameter  HT-27-80 to the fary hard joint, medium  HT-27-80 to the fary hard fary hard joint, medium  HT-27-80 to the fary hard fary hard joint, medium  HT-27-80 to the fary hard fary hard joint, medium  HT-27-80 to the fary hard fary hard f	,	FT-18-53	tile of associated black mastic:		(if present)				
FT-19-57 cffices 1" flav (top layer)  BPI-20-59 black butt insulation of pint 200 m), 000 SF Analyze black both  BBI-20-59 fuser last 2 middle offices in first  BBI-20-60 theor walls bearing used paneling  G-21-60 rust colored gastets on various All gaskets on Analyze gashet only  G-21-63  TSI-22-64: thurmal system insulation small from system Analyze TSI only  TSI-22-65: diameter; straight run  TSI-23-60: diameter; straight run  TSI-21-70: diameter; straight run  TSI-25-73: white hard joint; small diameter Process System Analyze TSI whap  HJ-25-75: diameter  HJ-21-70: white 4 gray hard joint, medium  HJ-27-80: large diameter  HJ-27-80: large diameter  HJ-27-80: large diameter  HJ-27-81: FB-28-82 red brick conly	$\checkmark$		middle affices 1st floor (htm laver)	₩	<u> </u>				
FT-19-57 cffices 1" flav (top layer)  BPI-20-59 black butt insulation of pint 200 m), 000 SF Analyze black both  BBI-20-59 fuser last 2 middle offices in first  BBI-20-60 theor walls bearing used paneling  G-21-60 rust colored gastets on various All gaskets on Analyze gashet only  G-21-63  TSI-22-64: thurmal system insulation small from system Analyze TSI only  TSI-22-65: diameter; straight run  TSI-23-60: diameter; straight run  TSI-21-70: diameter; straight run  TSI-25-73: white hard joint; small diameter Process System Analyze TSI whap  HJ-25-75: diameter  HJ-21-70: white 4 gray hard joint, medium  HJ-27-80: large diameter  HJ-27-80: large diameter  HJ-27-80: large diameter  HJ-27-81: FB-28-82 red brick conly		FT-19-55 1	Stan ul brown streat floor tive	N 1,320 SF					
FT-19-57 cffices 1" flav (top layer)  BPI-20-59 black butt insulation of pint 200 m), 000 SF Analyze black both  BBI-20-59 fuser last 2 middle offices in first  BBI-20-60 theor walls bearing used paneling  G-21-60 rust colored gastets on various All gaskets on Analyze gashet only  G-21-63  TSI-22-64: thurmal system insulation small from system Analyze TSI only  TSI-22-65: diameter; straight run  TSI-23-60: diameter; straight run  TSI-21-70: diameter; straight run  TSI-25-73: white hard joint; small diameter Process System Analyze TSI whap  HJ-25-75: diameter  HJ-21-70: white 4 gray hard joint, medium  HJ-27-80: large diameter  HJ-27-80: large diameter  HJ-27-80: large diameter  HJ-27-81: FB-28-82 red brick conly		FT-19-56 1	+ associated straine: mixtle	1					
BFI - 20 - 58   black butt insulation is pint and 1,000 SF   Analyze black bath    BFI - 20 - 59   Filse glass of middle offices of First    BFI - 20 - 60   theor walls befind used panetting    G - 21 - 60   rust colored gastets on various   All gaskes on Analyze gasnet only    G - 21 - 62   size flanges   process system    G - 21 - 62   size flanges   process system    Flanges   Flanges    TSI - 22 - 64   thermal system insulation small   floress system    TSI - 23 - 61   thermal system insulation medium    TSI - 23 - 63   thermal system insulation medium    TSI - 24 - 70   thermal system insulation large    TSI - 24 - 70   thermal system insulation large    TSI - 24 - 70   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 24 - 70   thermal system insulation large    TSI - 24 - 71   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 24 - 71   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 24 - 72   thermal system insulation large    TSI - 25 - 73   white hard joint   medium    HI - 25 - 73   white hard joint   medium    HI - 21 - 71   times    TSI - 27 - 79   white t derive gray hard joint    TSI - 27 - 81   times    TSI - 27 - 81   times    TSI - 28 - 82   red   brick only    TSI - 27 - 81   times    TSI - 28 - 82   red   brick only    TSI - 20 - 10   times    TSI -	✓	FT-19-57	offices 1st flor (top layer)	1	<b>V</b>				
Apt-20-59 filse glassiff Middle offices Frist only  BDT-20-60 floor walls behind used paneling  G-21-61 rust colored gastets on various All gaskets on Analyze gashet only  G-21-62 process system  G-21-63 flanges  TST-22-63 flanges  TST-22-65 diameter; straight run  TST-23-67 thermal system insulation medium  TST-23-67 thermal system insulation medium  TST-23-68 diameter; straight run  TST-23-69 diameter; straight run  TST-23-69 diameter; straight run  TST-23-73 white hard joint, small diameter Process System Analyze TSI who will be a fine only  HJ-25-73 white hard joint, small diameter Process System Analyze TSI who hard joint, medium  HJ-25-75 diameter  HJ-21-76 white t gray hard joint, medium  HJ-21-78 white t deave gray hard joint,  HJ-21-78 white t deave gray hard joint,  HJ-27-80 large diameter  HJ-27-81 range brick only			black but insulation wo pink ex	1,000 SF	Analyze black ball				
BRIT-20-60 Hear walls behind about paneling  6-21-61 rust colored gastets on various All gastets on Analyze gastet only  G-21-62 size flanges process system  Fist-22-63 thurnal system insulation small frocess system Analyze TSI only  TSI-22-65 diameter; straight run  TSI-23-67 thurnal system insulation medium  TSI-23-68 diameter; straight run  TSI-24-70 thurnal system insulation large  TSI-24-70 thurnal system insulation large  TSI-24-71 diameter; straight run  TSI-25-73 white hard joint, small diameter frocess system Analyze TSI wrap  HJ-25-73 white t gray hard joint, nedium  HJ-210-71e white t gray hard joint, nedium  HJ-210-71e white t deaver gray hard joint,  HJ-210-79 white t deaver gray hard joint,  HJ-27-90 haras diameter  HJ-27-90 haras diameter  HJ-27-90 haras diameter  HJ-27-91 white t deaver gray hard joint,  HJ-27-90 haras diameter	,	BBI-20-59	filerglass 12 middle offices First						
G-21-61  G-21-62  G-21-63  TSI-22-63: Thermal system insulation small flowers system Analyze TSI only  TSI-22-65: diameter; straight run  TSI-23-65: diameter; straight run  TSI-24-70: diameter; straight run  TSI-24-71: diameter; straight run  HJ-25-73: white hard joint, small diameter Process System Analyze TSI wirap  HJ-25-75: diameter  HJ-21-76: white t gray hard joint, nedium  HJ-21-76: diameter  HJ-21-78: large diameter  HJ-27-80: large diameter  HJ-27-80: large diameter  HJ-27-81: diameter  HJ-27-81: large diameter  HJ-27-81: large diameter  HJ-27-81: large diameter  HJ-27-81: large diameter	$\sqrt{ }$	BPST-20-60		₩	<b>V</b>				
G-21-62  G-21-63  TSI-22-64: Hournal system insulation small Process System Analyze TSI only  TSI-22-65: diameter; straight run  TSI-23-67: Hournal system insulation medium  TSI-23-69: diameter; straight run  TSI-23-69: diameter; straight run  TSI-24-70: thermal system insulation large  TSI-24-71: diameter; straight run  TSI-24-72: diameter; straight run  TSI-25-73: white hard joint, small diameter Process System Analyze TSI-Wrap  HJ-25-75: white 4 gray hard joint, medium  HJ-21-76: white 4 gray hard joint, medium  HJ-21-78: white 4 darv-gray hard joint,  HJ-27-80: large diameter  HJ-27-81: varied behind making brick only		6-21-61	rust colored gaskets on various	All gaskets on	Analyze gashet only				
TSI-22-64: Hormal system insulation small Process System Analyze TSI only  TSI-22-65: diameter; straight run  TSI-23-67: Hormal system insulation medium  TSI-23-69: diameter; straight run  TSI-23-69: diameter; straight run  TSI-24-70: thermal system insulation large  TSI-24-71: diameter; straight run  TSI-24-72: thaneter; straight run  TSI-25-73: white hard joint, small diameter Process System Analyze TSI-Wrap  HJ-25-75: thJ-210-76: white t gray hard joint, medium  HJ-210-76: white t gray hard joint, medium  HJ-21-79: white t dave gray hard joint,  HJ-27-79: white t dave gray hard joint,  HJ-27-80: large diameter		6-21-62	1 size flances						
TSI-22-iso  TSI-23-iso  TSI-24-70  TWI mal system insulation large  TSI-24-11  Tisi-25-24  TSI-24-12  HI-25-73  White hard joint, small diameter Process System Analyze TSI + Wrap  HI-25-75  HJ-210-710- white t gray hard joint, nedium  HI-210-710- white t gray hard joint, nedium  HI-210-710- white t deart gray hard joint,  HJ-210-710- white t deart gray hard joint,  HJ-27-80  Lines  Only  V 37,000  FB-28-82 (ed brick lacated behind Nation SF Analyze brick only		6-21-63	V	flances	V				
TSI-22-65 diameter; straight run  TSI-23-60  TSI-23-60 thermal system insulation medium  TSI-23-68 diameter; straight run  TSI-23-69 thermal system insulation large  TSI-24-70 thermal system insulation large  TSI-24-71 diameter; straight run  TSI-24-72 tonite hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-73 tonite hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-75 tonite hard joint, nedium  HJ-210-710 tonite t gray hard joint, nedium  HJ-210-710 tonite t deart gray hard joint,  HJ-210-78 tonite t deart gray hard joint,  HJ-27-80 harge diameter  HJ-27-81 tonite tonity  FB-28-82 red brick lacated behind Nation SF Analyze brick only		TSI - 22 - 64:	thermal system insulation small	Process System	Analyze TSI only				
TSI-23-60 Hormal system insulation medium  TSI-23-63 diameter; straight run  TSI-23-69 diameter; straight run  TSI-23-69 Hormal system insulation large  TSI-24-70 thermal system insulation large  TSI-24-72 diameter; straight run  TSI-24-72 white hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-73 white hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-75 diameter  HJ-210-71e white & gray hard joint, medium  Ht-210-77 diameter  HJ-21-78 white & dark-gray hard joint,  HJ-27-80 large diameter  HJ-27-81 for large diameter  HJ-27-81 for large diameter  FB-28-82 red brick larged behind markers Analyze brick only		TSI-22-65.		Lines					
TSI-23-68 diameter; straight run  TSI-24-70 thermal system insulation large  TSI-24-71 diameter; straight run  TSI-24-71 diameter; straight run  HJ-25-73 white hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-75 times only  HJ-210-71e white & gray hard joint, Aredium  HJ-210-77 diameter  HJ-21e-78 white & dark gray hard joint,  HJ-27-80 large diameter  HJ-27-81 brick larged behind ~ Analyze bick only		T5I-23-66		1					
TSI-23-68 diameter; straight run  TSI-24-70 thermal system insulation large  TSI-24-71 diameter; straight run  TSI-24-71 diameter; straight run  HJ-25-73 white hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-75 times only  HJ-210-71e white & gray hard joint, Aredium  HJ-210-77 diameter  HJ-21e-78 white & dark gray hard joint,  HJ-27-80 large diameter  HJ-27-81 brick larged behind ~ Analyze bick only		TSI-23-67	thermal system insulation medium						
TSI-24-70. thermal system insulation large.  TSI-24-70. thermal system insulation large.  TSI-24-71. diameter; stronght run  TSI-24-72.  HJ-25-73. white hard joint, small diameter Process System Analyze TSI & Wrop  HJ-25-74. Lines only  HJ-25-75.  HJ-210-710- white t gray hard joint, medium  Ht-210-77. diameter  HJ-210-78. White t deart gray hard joint,  HJ-27-80. large diameter  HJ-27-81. Variety brick only		TSI-23 - 68'	diameter; straight run						
TSI-24-72 diameter; straight run  TSI-24-72 white hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-74 lines only  HJ-25-75 lines only  HJ-210-71e white & gray hard joint, medium  Ht-21e-77 diameter  HJ-21e-78 white & dever gray hard joint,  HJ-27-80 large diameter  HJ-27-81 large diameter  HJ-27-81 large diameter  HJ-28-82 red brick larged behind marked soil		TSI-23 -69"	· • •						
TSI-24-72 diameter; straight run  TSI-24-72 white hard joint, small diameter Process System Analyze TSI + Wrap  HJ-25-74 lines only  HJ-25-75 lines only  HJ-210-71e white & gray hard joint, medium  Ht-21e-77 diameter  HJ-21e-78 white & dever gray hard joint,  HJ-27-80 large diameter  HJ-27-81 large diameter  HJ-27-81 large diameter  HJ-28-82 red brick larged behind marked soil		TSI-24-70.	thermal system insulation large						
TST - 24-72:  HJ-25-73: white hard joint, small diameter Process System Analyze TSI+ Wrap  HJ-25-74: Lines only  HJ-210-71e- white + gray hard joint, medium  HJ-210-71e- white + gray hard joint, medium  HJ-21e-78: White + deart-gray hard joint,  HJ-27-79: white + deart-gray hard joint,  HJ-27-80: large diameter  HJ-27-81: V37,000  FB-28-82 red brick located behind ~ hallow SF Analyze brick only									
HJ-25-74: Lines Only HJ-25-75: HJ-210-71e- white + gray hard joint, predium HJ-210-71e- white + gray hard joint, predium HJ-21e-77: diameter HJ-21e-78: White + dever gray hard joint, HJ-27-80: large diameter HJ-27-80: large diameter HJ-27-81: V 37.000 FB-28-82 red brick located behind ~ Analyze brick only	4			¥	V				
HJ-25-75.  HJ-26-76. white t gray hard joint, medium  HJ-210-76. diameter  HJ-210-78. white t deart gray hard joint,  HJ-27-80. large diameter  HJ-27-81. varge diameter  HJ-27-81. varge diameter  HJ-28-82 red brick located behind ~ major st Analyze brick only	ļ		unite hard joint, small diameter	Process System	Analyze TSI + Wrap				
HJ-210-716- white + gray hard joint, nedium  HJ-210-77. diameter  HJ-210-78. diameter  HJ-27-79. white + deark-gray hard joint,  HJ-27-80. large diameter  HJ-27-81. v 37,000  FB-28-82 red brick located behind ~ major sF Analyze brick only	Į	HJ-25 - 74.	3 11						
HJ-210-716- white + gray hard joint, nedium  HJ-210-77. diameter  HJ-210-78. diameter  HJ-27-79. white + deark-gray hard joint,  HJ-27-80. large diameter  HJ-27-81. v 37,000  FB-28-82 red brick located behind ~ major sF Analyze brick only		HJ-25-75.		ì	1				
HJ-21e-77. diameter HJ-21e-78. White & dear gray hard joint, HJ-27-80. large diameter HJ-27-81: V 37,000 FB-28-82 red brick located behind ~ April 5F Analyze brick only		HJ-26-76-	white & grave hard joint, nedium						
HJ-21e-78.  HJ-27-79: White & deark-gray hard joint,  HJ-27-80: large diameter  HJ-27-81:  FB-28-82 red brick located behind ~ hythous F Analyze brick only		HJ-26-17.							
HJ-27-79: White & devik gray hard joint, HJ-27-80: large diameter HJ-27-81: FB-28-82 red brick located behind ~37,000 FB-28-82 red brick located behind ~37,000 FB-28-82			<b>1</b>						
HJ-27-80. large diameter  HJ-27-81:  FB-28-82 red brick located behind ~ million SF Analyze brick only			white I dark gray hard joint.						
FB-28-82 red brick located behind ~ 37,000 FA Analyze brick only		HJ-27-80.							
FB-28-82 red brick located behind ~ hattoos F Analyze brick only		45-27-81:		¥ 27,000	· •				
		FB-28-82		~BATADO SF					
FB-28-84 Cream V	,	FB-28-83	company brick						
		FB-28-84	cream v	<b>V</b>	•				
Page 2 of II.			MP4						

MAP





# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407

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

Warehouse 4

Lab Use Only Lab Order ID:	710	7	113	72
Client Code:				

	Sample ID #	Specific Location	Volume/Area	Comments
	FL-29-85	black flashing an exterior of	~80 LF	Analyze all flashing
	FL-29-86	building leftover residual ~ no	1	Material
	FL-29-87	J overhangs present	*	<b>V</b>
	EJ-30-88	gray exprinsion joint compound on exercise of building	~30 LF	Analyze expansion
	EJ-30-89	on exterior of building	only one	joint only
4	EJ-30-90	· V	observed	<b>*</b>
	CT-31-91	birds ft ceiling tile 2'x2'	~312 SF	
-	Ct-31-42	Space 3 Rm 1		
	CT-31-93	1	V	
-	FT-32-94	dark gray 12'x12' Floor tile	~312 SF	
1	FT-32-95	+ associated mastic space 3 RM		
4	Pt- 32 -96	1		
-	TB-33-97	grayish blue toeboard +	~74 LF	
1	TB-33-98	associated mastic space 3 Rm 1		
J	TB-33-99	4	<b>V</b>	
-	100 - FH - 34-100	Fire hose canvas wrap; fire hoses throughout warchouse 4	All fire	Analyze fine horse
-	FH-34-101	hoses throughout warchouse 4	noses	only
-	FH -34-102			
-				
-				
-				
-				
-				
-				
t				
ļ				
-				
-				
-				
-				
-				



## **Bulk Asbestos Analysis** by Transmission Electron Microscopy

### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971447

Charleston, SC 29407

PPOE00521 Warehouse 9

Sarah Browning

**Analysis ID:** 

71971447 TB

**Date Received:** 

7/30/2021

**Date Reported:** 

8/6/2021

Sample ID	Description  Lab Notes	Organic	Acid Sol.	Asbestos (Wt. %)	LCL-UCL
M-1-3	Stair mastic - on stairs in space	51%	_	None Detected	
71971447TBS_1					
FT-2-6-a	12x12 Dark striped floor tile, space 1 2nd floor	46%	45%	None Detected	
71971447TBS_2	self stick tile				
CM-3-9	Carpet mastic under dark brown carpet space1, 1st fl rm 3	48%	-	None Detected	
71971447TBS_3					
FT-4-12-a	Beige w/ dark speckled 12x12 floor tile space 1, 1st floor, minus bathrooms	28%	47%	None Detected	
71971447TBS_4	tile				
FT-4-12-b	Beige w/ dark speckled 12x12 floor tile space 1, 1st floor, minus bathrooms	44%	-	None Detected	
71971447TBS_15	mastic				
BBI-6-18	Black batt insulation w/ pink fiberglass entirety of space 1 walls & ceilings	92%	_	None Detected	
71971447TBS_5					

Disclaimer: 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.

Russell Shelton (19)

Analyst



## **Bulk Asbestos Analysis** by Transmission Electron Microscopy

### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe Sarah Browning Lab Order ID:

71971447

Charleston, SC 29407

**Analysis ID:** 

71971447 TB

**Date Received:** 

7/30/2021

**Project:** PPOE00521 Warehouse 9

**Date Reported:** 8/6/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Organic	Acid Sol.	A	Asbestos (Wt. %)	LCL-UCL
FT-15-45-a	9x9 Black floor tile space 3 (lab 1&2, rms 1, 2, 3, 4)		49%	12 %	Chrysotile	11% - 13%
71971447TBS_6	tile					
FT-15-45-b	9x9 Black floor tile space 3 (lab 1&2, rms 1, 2, 3, 4)	92%	-	0.25 %	Chrysotile	0.22% - 0.27%
71971447TBS_16	mastic					
BBI-16-48	Tan black batt insulation above ceiling space 3 (lab 1&2, rms 1, 2 3&4)	90.%	-		None Detected	
71971447TBS_7						
FT-18-53-a	12x12 Cream floor tile & mastic rms 5, 6, 7, 8, 9, 10, 11, 12, 13, (space 3) hall	25%	54%	4.2 %	Chrysotile	3.8% - 4.6%
71971447TBS_8	tile					
FT-18-53-b	12x12 Cream floor tile & mastic rms 5, 6, 7, 8, 9, 10, 11, 12, 13, (space 3) hall	66%	-		None Detected	
71971447TBS_17	mastic					
M-21-63	White mastic on HVAC ductwork o/s of conference rm	35%	_		None Detected	
71971447TBS_9						

Disclaimer: 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.

Russell Shelton (19)

Analyst



## **Bulk Asbestos Analysis** by Transmission Electron Microscopy

### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971447

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971447 TB

**Project:** PPOE00521 Warehouse 9

**Date Received: Date Reported:** 

7/30/2021 8/6/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes  12x12 Brown mottled floor tile &	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)
FT-22-66-a	associated mastic, space 3 conference rm	33%	56%	None Detected	
71971447TBS_10	tile				
FT-22-66-b	12x12 Brown mottled floor tile & associated mastic, space 3 conference rm	42%	-	None Detected	
71971447TBS_18	mastic				
M-23-69	Brown mastic i/s of HVAC unit adjacent to conference rm	47%	-	None Detected	
71971447 <b>TB</b> S_11					
FT-26-78-a	Beige floor tile 12x12 space 4 & associated mastic	28%	62%	None Detected	
71971447TBS_12	tile				
FT-26-78-b	Beige floor tile 12x12 space 4 & associated mastic	37%	-	None Detected	
71971447TBS_19	mastic				
C-27-81	Silver caulk around 3 blower fans on northern wall space 2	81%	_	None Detected	
71971447TBS_13					

Disclaimer: 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.

Russell Shelton (19)

Analyst

**Approved Signatory** 

T-F-010 r15 1/15/2018



## **Bulk Asbestos Analysis** by Transmission Electron Microscopy

### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

PPOE00521 Warehouse 9

Attn: Ron Sharpe

Lab Order ID:

71971447

Sarah Browning

**Analysis ID:** 

71971447 TB

**Date Received:** 

7/30/2021

**Date Reported:** 

8/6/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)
FL-30-90	Black flashing on HVAC exterior shed adjacent to space 1	65%	-	None Detected	
71971447TBS_14					

Disclaimer: 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.

Russell Shelton (19)

Analyst



### Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407

Lab Use Only Lab Order ID: Client Code:
-----------------------------------------

	www.sunab.com	iabesane	10.001	,,			
Company Con	tact Information					Asbestos Test Typ	es
	gineering, LLC	Contact: RonSin	anck	erah Boumm	PL	M EPA 600/R-93/116 (PLM)	X
l	evage Road	Phone : 543			1	sitive stop	
	ston, SC 29407	Fax □: 8431			PL	M Point Count 400 (PT4)	
		Email X: (CY) 21			PLI	M Point Count 1000 (PTM)	
		Saran brown			1	M NIOSH 7400-A Rules (PCM)	
Billing/Invoice	Information	Turn Aro	,	,	В	Rules (PCB) TWA (PTA	A) 🗌
Company:		90 Min. 🔲	48 Ho	urs 🗌	TE	M AHERA (AHE)	
Contact:	Same	3 Hours	72 Ho	urs 🗌	TE	M Level II (LII)	
Address:	As	6 Hours 🔲	96 Ho	urs 🗌	TE	M NIOSH 7402 (TNI)	
	Alorve	12 Hours 🔲	120 H	ours 🗶	TE	M Bulk Qualitative (TBL)	
		24 Hours 🔲	144 <sup>+</sup> H	lours 🗌	TE	M Bulk Chatfield (TBS)	X
					TE	M Bulk Quantitative (TBQ)	
PO Number:					TE	M Wipe ASTM D6480-05	
Project Name/Nu	mber: PPSEO0521	Warehouse	291	(7/28/21)	TEN	Microvac ASTM D5755-02	
$\mathcal{L}^{\mathcal{C}}$				النانا	TE	M Water EPA 100.2 (TW1)	
()= 16	* Run PLM+Ti	EM simultan	eously	· *	Oth	er:	
	•						
Sample ID#	Description/L	ocation		Volume/A	rea	Comments	
M-1-1	Stair mastic - or	stars in s	pace	~ 45 S	F	Analyze mast	ic
M-1-2	1					enly i	
M-1-3	<u> </u>			<b>√</b>		1,1	
FT-2-4	12×12 dark stri	ped floor		~ (000 S	F	Analyze floor to	le
FT-2-5	tile, space 1 2nd	floor				+ mastic liferes	
FT-2-6	Ú.		-	V		1	
CM-3-1	carpet mastic undo	s dark brown	١	~144 SF	-	Analyze mast	14
CM-3 -8	carpet space 1, 15	ff m3				only !	
CM-3-9	1	2112		V		1.	
Ft-4-16	beign wil dark speckl	ed Moor fil	e	~760 ST	-	Aralyze floor file	_
FT-1 -H)	GONCEL 1ST HOW.	Minus butto	rann's	1		+ mister + presu	<b>\</b>

Relinquished by

Date/Time

Received by

Date/Time

7 29 21 1200

Date/Time

Page of 4



Á

FITEM \* RUN PLH+ TEM simultaneously \*

Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID:
Client Code:

Sample ID #	Specific Location	Volume/Area	Comments
5-5-13	surfacing behind ceramic tile walls in space 1 bathrooms	~ 400 sf	Analyze surfacing only
5-5-14	walls in space 1 bathrooms	ľ	
S-5-15		<b>₩</b>	<b>V</b>
BBI-6-16	black batt insulation w/ pink fiburglass estign wills terling	~2,300 SF	Aralyze black Dath
BBI-6-17	fiburglass 37929 walls + certing	5	only !
BBF-6-18		V	¥
CT-7-19	2×4 wormhole ceiling the	~ 340 SF	Analyze Ceiling
CT-7-20	space 1, 14+1, m 3+4 only	1	tileonly
CT-7-21	1	V	'\
HJ-8-22	TSI hard joint small diameter		Analyze all TSI Materi
HJ-8-23		system lines	on process system lin
HJ-8-24	V	<b>₩</b>	
CW-9-25	beige carros wrap thermal	Majorty of	
CW-9 - 21e	system insullation medium dramete		
CW-9 - 27	Graight line 1	lines	
TSI-10-28	thermal system insulation large	~ 120 LF	
TSI-10-29	diameter straight line along		
TSI-10-30	West wall 2	<b>V</b>	
H2-11-31	TSI hard joint large diameter	One hard joint	
HJ-11 - 32	in MW corner	observed	
HT-11 -33	V	<b>V</b>	
CW-12-34	canvas wrap small diameter	Majority of	
CW-12-35	straight line + thermal system insil.	process system	4
CW-12-36	V	าเกล	
HJ-13-37	hard joint TSI medium diameter	All process	
HT-13-38		system lines	
HJ-13-39	V	<b>*</b>	V
FH-14-40	canvas wrap fire hose	Hire hoses	Analyze Fire hose only
PH-14-11			
FH-14-42	~	<u> </u>	<b>V</b>
FT-15-43	9x9 black floor tile space 3	~1,400 SF	Analyze floor tie
FT-15 -44	(lab 1 + 2, Rms 1, 2, 3, 4)		+ mastic
PT-15 -45	V	4	<u> </u>
BBI-16-46	tan black batt insulation above	~1,900 SF	Avalyze black
BBI-16-47	Ceiling space 3 (lab 142, Rms 1,2	1	batt only
BBI-16-48	3+4) 1	7	<u> </u>
			Page 2 of 4



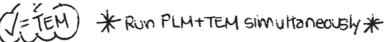
## J=FEM \* Run PLM+TEM simultaneously\*

Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID:
Client Code:

	Sample ID #	Specific Location	Volume/Area	Comments
	LC-17-49	black lab countertops - one Lab		Ánalyze countertop
	LC-17-50	two in Lab 2 & one outside RM4 by HVAC		only
	LC-17-51	4 counters	₩	Ψ'
	FT-18-52	12x12 Cream floor file + mastic	~1,900 SF	Analyze tile +
	FT-18-53	Rms 5,6,7,8,9,10,11,12,13 (space3)	·	mastic ( (if present)
4	FT-13-54	space3 Hall	1	7
	Ct-19-55	1x1 wormhole ceiling tile	~ 530 SF	Analyze ceiling tile
	CT-19-56	space 3 Rm 5		only
	Ct-19-57	<u> </u>	₩.	, <b>V</b>
	VD-20-58	light brown vibration dampener	lunit	Analyze dampener
	VD-20 -59	space 3 second floor		OUA
	VD-20 - 60	, V	<u> </u>	Ψ.
	M-21-61	white mastic on HVAC ductions	~55F	Analyze mastic
	M-21-62	ols of conference rm		only
4	M-21-63	19×12 V	<u> </u>	1.4
	FT-22-64	brain mother floor tile t	~ 360 SF	Analyze tilet
	Ft-12-65	Ossociated mastre, space 3	\	Mestic (if present)
<b>√</b>	FT-22-ide	Conference (M	•	V
	M-23-67	brown mustic i/s of HVAC Unit	~20 SF	Analyze mastic
	M-23-60	adjacent to conference rm		only
1	M-23-69	V	V	
	I-24-70	beign carras was I insulation	~1605F	Analyze all T51 present
	I-24-71	around three ductionic ols		
-	I-24-72	of labs in 1 Space 2	<u> </u>	
-	VD-25-73	black vibration dampener	1 unit	Analyze dampener
	VD-25-74	around ductifier in space		only
-	VD-25-75	buge floor the 125 pace 4	<u> </u>	4
-	FT-26-76		~121 SF	Analyze floor tile
	FT-26-77	of associated mastic	1, 1	+ mastic if
4	FT-26-78	1	110.5	1 presenti
-	C-27-99	Silver Cause around 3 bower	~ 40 LF	Analyze caulic
	C-27-80	fant on northern wall space 2		only
1	C-27-81	plat landing across	<u> </u>	•
	DW-28-82	arywall & joint compound	~400 SF	Analyze DW+JC only
	DW-28-83	space 1, 18th ft; bathrooms of		
	DW-28-84	rm 3+4	<b>V</b>	<b>V</b>
	FB-29-85	Cream - Spice 2	~14,500 SP	Analyze brick only
	FB-29-86	N, E, W walls	1	Page <b>3</b> of <b>4</b>
	FB-29-87	• •	V	••
				A-F-022 EXP: 2/4/2021





Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407

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

Lab Use Only Lab Order ID: Client Code:	4	0	/	Н	1	4	/
-		-					

Sample ID #	Specific Location	Volume/Area	Comments
FL-36-88 FL-36-89	black flashing on HVAC exterior since adjacent to space 1	~20 LF	Analyze all components
FL-36-89	shed adjacent to space 1	1	Analyze all components excluding brick
FL-30-90	1	<u> </u>	*
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	·		Page it of it



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Project:	PPOE00521	Warehouse 9

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
M-1-1	Stair mastic - on stairs in space	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_1					Dissolved
M-1-2	Stair mastic - on stairs in space	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_2					Dissolved
M-1-3	Stair mastic - on stairs in space	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_3	-				Dissolved
FT-2-4 - A	12x12 Dark striped floor tile, space 1 2nd floor	None Detected		100% Other	Beige Non Fibrous Homogeneous
71971437PLM_4	tile				Dissolved
FT-2-4 - B	12x12 Dark striped floor tile, space 1 2nd floor	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_91	mastic				Dissolved
FT-2-5 - A	12x12 Dark striped floor tile, space 1 2nd floor	None Detected		100% Other	Beige Non Fibrous Homogeneous
71971437PLM_5	tile				Dissolved
FT-2-5 - B	12x12 Dark striped floor tile, space 1 2nd floor	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_92	mastic				Dissolved
FT-2-6	12x12 Dark striped floor tile, space 1 2nd floor	Not Analyzed			
71971437PLM_6	TEM	-			

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 (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Project:	PPOE00521	Warehouse 9

Sample ID	Description	A ab actor	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CM-3-7	Carpet mastic under dark brown carpet space 1, 1st fl rm 3	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_7					Dissolved
CM-3-8	Carpet mastic under dark brown carpet space 1, 1st fl rm 3	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_8					Dissolved
CM-3-9	Carpet mastic under dark brown carpet space 1, 1st fl rm 3	Not Analyzed			
71971437PLM_9	-				
FT-4-10 - A	Beige w dark speckled 12x12 floor tile space 1, 1st floor, minus bathrooms	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971437PLM_10	tile				Dissolved
FT-4-10 - B	Beige w dark speckled 12x12 floor tile space 1, 1st floor, minus bathrooms	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_93	mastic				Dissolved
FT-4-11 - A	Beige w dark speckled 12x12 floor tile space 1, 1st floor, minus bathrooms	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971437PLM_11	tile				Dissolved
FT-4-11 - B	Beige w dark speckled 12x12 floor tile space 1, 1st floor, minus bathrooms	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_94	mastic				Dissolved
FT-4-12	Beige w dark speckled 12x12 floor tile space 1, 1st floor, minus bathrooms	Not Analyzed			
71971437PLM_12	TEM				

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 (118)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 9

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM **Date Received:** 7/30/2021

Date Reported: 8/6/2021

Sample ID	Description  Lab Notes	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID		Asbestos	Components	Components	Treatment
S-5-13	White surfacing behind ceramic tile walls in space 1 bathrooms	None Detected		100% Other	White Non Fibrous Heterogeneous
71971437PLM_13					Crushed
S-5-14	White surfacing behind ceramic tile walls in space 1 bathrooms	None Detected		100% Other	White Non Fibrous Homogeneous
71971437PLM_14					Crushed
S-5-15	White surfacing behind ceramic tile walls in space 1 bathrooms	None Detected		100% Other	White Non Fibrous Homogeneous
71971437PLM_15					Crushed
BBI-6-16	Black batt insulation w/ pink fiberglass entirety of space 1 walls & ceilings	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_16					Dissolved
BBI-6-17	Black batt insulation w/ pink fiberglass entirety of space 1 walls & ceilings	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_17					Dissolved
BBI-6-18	Black batt insulation w/ pink fiberglass entirety of space 1 walls & ceilings	Not Analyzed			
71971437PLM_18	TEM				
CT-7-19	2x4 Wormhole ceiling tile space 1, 1st fl, rm 3&4 only	None Detected	50% Cellulose 20% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971437PLM_19					Teased
CT-7-20	2x4 Wormhole ceiling tile space 1, 1st fl, rm 3&4 only	None Detected	50% Cellulose 20% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971437PLM 20				)5	Teased

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 (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Project:	PPOE00521	Warehouse 9

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CT-7-21	2x4 Wormhole ceiling tile space 1, 1st fl, rm 3&4 only	None Detected	50% Cellulose 20% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971437PLM_21					Teased
НЈ-8-22	TSI hard joint small diameter	10% Chrysotile	25% Fiber Glass 10% Cellulose	55% Other	Gray Fibrous Homogeneous
71971437PLM_22	unable to separate wrap				Teased
НЈ-8-23	TSI hard joint small diameter	10% Chrysotile	25% Fiber Glass 10% Cellulose	55% Other	Gray Fibrous Homogeneous
71971437PLM_23	unable to separate wrap				Teased
НЈ-8-24 - А	TSI hard joint small diameter	None Detected	80% Cellulose	20% Other	Gray Fibrous Homogeneous
71971437PLM_24	wrap				Ashed
НЈ-8-24 - В	TSI hard joint small diameter	None Detected	25% Fiber Glass	75% Other	Gray Fibrous Homogeneous
71971437PLM_95	insulation				Teased
CW-9-25 - A	Beige canvas wrap & termal system insallation medium diameter straight line	None Detected	80% Cellulose	20% Other	Beige Fibrous Homogeneous
71971437PLM_25	wrap				Ashed
CW-9-25 - B	Beige canvas wrap & termal system insallation medium diameter straight line	None Detected	25% Cellulose	75% Other	Gray Fibrous Homogeneous
71971437PLM_96	insulation				Teased
CW-9-26 - A	Beige canvas wrap & termal system insallation medium diameter straight line	None Detected	80% Cellulose	20% Other	Beige Fibrous Homogeneous
71971437PLM_26	wrap				Ashed

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 (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Sample ID	Description	A alla and a a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CW-9-26 - B	Beige canvas wrap & termal system insallation medium diameter straight line	None Detected	25% Cellulose	75% Other	Gray Fibrous Homogeneous
71971437PLM_97	insulation				Teased
CW-9-27 - A	Beige canvas wrap & termal system insallation medium diameter straight line	None Detected	80% Cellulose	20% Other	Beige Fibrous Homogeneous
71971437PLM_27	wrap				Ashed
CW-9-27 - B	Beige canvas wrap & termal system insallation medium diameter straight line	None Detected	25% Cellulose	75% Other	Gray Fibrous Homogeneous
71971437PLM_98	insulation				Teased
TSI-10-28 - A	Thermal system insallation large diameter straight line along west wall	None Detected	90% Cellulose	10% Other	Beige Fibrous Homogeneous
71971437PLM_28	wrap				Ashed
TSI-10-28 - B	Thermal system insallation large diameter straight line along west wall	None Detected	10% Synthetic Fibers	90% Other	Gray Fibrous Homogeneous
71971437PLM_99	insulation				Teased
TSI-10-29 - A	Thermal system insallation large diameter straight line along west wall	None Detected	90% Cellulose	10% Other	Beige Fibrous Homogeneous
71971437PLM_29	wrap				Ashed
TSI-10-29 - B	Thermal system insallation large diameter straight line along west wall	None Detected	10% Synthetic Fibers	90% Other	Gray Fibrous Homogeneous
71971437PLM_100	insulation				Teased
TSI-10-30	Thermal system insallation large diameter straight line along west wall	15% Amosite - 10% Chrysotile	20% Cellulose	55% Other	Gray Fibrous Homogeneous
71971437PLM_30	unable to separate wrap				Teased

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 (118)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 9

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
НЈ-11-31	TSI hard joint large diameter in NW corner	15% Amosite 3% Crocidolite	10% Cellulose	70% Other	Gray Fibrous Homogeneous
71971437PLM_31	unable to separate wrap	2% Chrysotile			Teased
HJ-11-32 - A	TSI hard joint large diameter in NW corner	17% Amosite 3% Crocidolite	15% Cellulose	65% Other	Gray Fibrous Homogeneous
71971437PLM_32	insulation 1; unable to separate wrap	5% Crocidonie			Teased
НЈ-11-32 - В	TSI hard joint large diameter in NW corner	35% Chrysotile		65% Other	Tan Fibrous Homogeneous
71971437PLM_101	insulation 2				Teased
HJ-11-33 - A	TSI hard joint large diameter in NW corner	20% Amosite 3% Crocidolite	10% Cellulose	65% Other	Gray Fibrous Homogeneous
71971437PLM_33	insulation 1; unable to separate wrap	2% Chrysotile			Teased
НЈ-11-33 - В	TSI hard joint large diameter in NW corner	35% Chrysotile		65% Other	Gray Fibrous Homogeneous
71971437PLM_102	insulation 2				Teased
CW-12-34 - A	Canvas wrap small diameter straight line & thermal system insul	None Detected	90% Cellulose 10% Othe	10% Other	Gray Fibrous Homogeneous
71971437PLM_34	wrap				Teased
CW-12-34 -	Canvas wrap small diameter straight line & thermal system insul	None Detected	Detected 20% Cellulose	80% Other	Gray Fibrous Homogeneous
71971437PLM_103	insulation				Teased
CW-12-35 -	Canvas wrap small diameter straight line & thermal system insul	None Detected	90% Cellulose	10% Other	Gray Fibrous Homogeneous
71971437PLM_35	wrap				Teased

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 (118)



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Project:	PPOE00521	Warehouse	9
110,000	11 0 0 0 0 5 2 1	vv ai chouse	_

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CW-12-35 - B	Canvas wrap small diameter straight line & thermal system insul	None Detected	25% Cellulose	75% Other	Gray Fibrous Homogeneous
71971437PLM_104	insulation				Teased
CW-12-36 - A	Canvas wrap small diameter straight line & thermal system insul	None Detected	90% Cellulose	10% Other	Gray Fibrous Homogeneous
71971437PLM_36					Teased
CW-12-36 - B	Canvas wrap small diameter straight line & thermal system insul	None Detected	25% Cellulose	75% Other	Gray Fibrous Homogeneous
71971437PLM_105					Teased
НЈ-13-37	Hard joint TSI medium diameter	10% Chrysotile	20% Fiber Glass 15% Cellulose	55% Other	Gray Fibrous Homogeneous
71971437PLM_37	unable to separate wrap		2.2 22-4490		Teased
НЈ-13-38	Hard joint TSI medium diameter	10% Chrysotile	20% Fiber Glass 15% Cellulose	55% Other	Gray Fibrous Homogeneous
71971437PLM_38	unable to separate wrap				Teased
НЈ-13-39 - А	Hard joint TSI medium diameter	None Detected	90% Cellulose	10% Other	Gray Fibrous Homogeneous
71971437PLM_39	wrap				Teased
НЈ-13-39 - В	Hard joint TSI medium diameter	None Detected	25% Fiber Glass	75% Other	Gray Fibrous Homogeneous
71971437PLM_106	insulation				Crushed
FH-14-40	Canvas wrap fire hose	None Detected	98% Synthetic Fibers	2% Other	White Fibrous Homogeneous
71971437PLM_40					Ashed

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 (118)

Analyst



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



**Analysis ID:** 



71971437 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

**Project:** PPOE00521 Warehouse 9

Sample ID	Description	A albastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FH-14-41	Canvas wrap fire hose	None Detected	98% Synthetic Fibers	2% Other	White Fibrous Homogeneous
71971437PLM_41					Ashed
FH-14-42	Canvas wrap fire hose	None Detected	98% Synthetic Fibers	2% Other	White Fibrous Homogeneous
71971437PLM_42					Ashed
FT-15-43 - A	9x9 Black floor tile space 3 (lab 1&2, rms 1, 2, 3, 4)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
71971437PLM_43	tile				Dissolved
FT-15-43 - B	9x9 Black floor tile space 3 (lab 1&2, rms 1, 2, 3, 4)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_107	mastic				Dissolved
FT-15-44 - A	9x9 Black floor tile space 3 (lab 1&2, rms 1, 2, 3, 4)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
71971437PLM_44	tile				Dissolved
FT-15-44 - B	9x9 Black floor tile space 3 (lab 1&2, rms 1, 2, 3, 4)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_108	mastic				Dissolved
FT-15-45	9x9 Black floor tile space 3 (lab 1&2, rms 1, 2, 3, 4)	Not Analyzed			
71971437PLM_45	TEM				
BBI-16-46	Tan black batt insulation above ceiling space 3 (lab 1&2, rms 1, 2, 3&4)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_46					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 (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Project:	PPOE00521	Warehouse 9

Sample ID	Description	A 1	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
BBI-16-47	Tan black batt insulation above ceiling space 3 (lab 1&2, rms 1, 2, 3&4)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_47					Dissolved
BBI-16-48	Tan black batt insulation above ceiling space 3 (lab 1&2, rms 1, 2, 3&4)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_48					Dissolved
LC-17-49	Black lab countertops - one lab 1 two in lab 2 & one outside rm 4 by HVAC 4 coun	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_49					Crushed
LC-17-50	Black lab countertops - one lab 1 two in lab 2 & one outside rm 4 by HVAC 4 coun	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_50					Crushed
LC-17-51	Black lab countertops - one lab 1 two in lab 2 & one outside rm 4 by HVAC 4 coun	None Detected		100% Other	Black Non Fibrous Homogeneous
71971437PLM_51					Crushed
FT-18-52	12x12 Cream floor tile & mastic rms 5, 6, 7, 8, 9, 10, 11, 12, 13, (space 3) hall	4% Chrysotile		96% Other	Cream Non Fibrous Homogeneous
71971437PLM_52	tile only				Dissolved
FT-18-53	12x12 Cream floor tile & mastic rms 5, 6, 7, 8, 9, 10, 11, 12, 13, (space 3) hall	4% Chrysotile		96% Other	Cream Non Fibrous Homogeneous
71971437PLM_53	tile only				Dissolved
FT-18-54	12x12 Cream floor tile & mastic rms 5, 6, 7, 8, 9, 10, 11, 12, 13, (space 3) hall	Not Analyzed			
71971437PLM_54	TEM				

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 (118)

Analyst



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





Customer: GEL Engineering, LLC 2040 Savage Road

Charleston, SC 29407

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

**Project:** PPOE00521 Warehouse 9

Sample ID	Description	A ala a 4 a a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CT-19-55	1x1 Wormhole ceiling tile space 3 rm 5	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971437PLM_55					Teased
CT-19-56	1x1 Wormhole ceiling tile space 3 rm 5	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971437PLM_56					Teased
CT-19-57	1x1 Wormhole ceiling tile space 3 rm 5	None Detected	35% Cellulose 35% Fiber Glass	30% Other	Tan Fibrous Homogeneous
71971437PLM_57	1				Teased
VD-20-58	Light brown vibration dampener space 3 second floor	None Detected	80% Fiber Glass	20% Other	Tan Fibrous Homogeneous
71971437PLM_58					Ashed
VD-20-59	Light brown vibration dampener space 3 second floor	None Detected	80% Fiber Glass	20% Other	Tan Fibrous Homogeneous
71971437PLM_59					Ashed
VD-20-60	Light brown vibration dampener space 3 second floor	None Detected	80% Fiber Glass	20% Other	Tan Fibrous Homogeneous
71971437PLM_60					Ashed
M-21-61	White mastic on HVAC ductwork o/s of conference rm	None Detected		100% Other	White Non Fibrous Homogeneous
71971437PLM_61	1				Dissolved
M-21-62	White mastic on HVAC ductwork o/s of conference rm	None Detected		100% Other	White Non Fibrous Homogeneous
71971437PLM_62	1				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 (118)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 9

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

Sample ID	Description	A 1 /	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
M-21-63	White mastic on HVAC ductwork o/s of conference rm	Not Analyzed			
71971437PLM_63	TEM				
FT-22-64 - A	12x12 Brown mottled floor tile & associated mastic, space 3 conference rm	5% Chrysotile		95% Other	Brown Non Fibrous Homogeneous
71971437PLM_64	tile				Dissolved
FT-22-64 - B	12x12 Brown mottled floor tile & associated mastic, space 3 conference rm	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_109	mastic				Dissolved
FT-22-65 - A	12x12 Brown mottled floor tile & associated mastic, space 3 conference rm	5% Chrysotile		95% Other	Brown Non Fibrous Homogeneous
71971437PLM_65	tile				Dissolved
FT-22-65 - B	12x12 Brown mottled floor tile & associated mastic, space 3 conference rm	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_110	mastic				Dissolved
FT-22-66	12x12 Brown mottled floor tile & associated mastic, space 3 conference rm	Not Analyzed			
71971437PLM_66	TEM				
M-23-67	Brown mastic i/s of HVAC unit adjacent to conference rm	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_67					Dissolved
M-23-68	Brown mastic i/s of HVAC unit adjacent to conference rm	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM 68					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 (118)

Analyst



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



**Analysis ID:** 



71971437 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

**Project:** PPOE00521 Warehouse 9

Sample ID	Description	A ab astas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
M-23-69	Brown mastic i/s of HVAC unit adjacent to conference rm	Not Analyzed			
71971437PLM_69	TEM				
I-24-70 - A	Beige canvas wrap & insulation around HVAC ductwork o/s of labs in space 2	None Detected	90% Cellulose	10% Other	Gray Fibrous Homogeneous
71971437PLM_70	wrap				Teased
I-24-70 - B	Beige canvas wrap & insulation around HVAC ductwork o/s of labs in space 2	None Detected	25% Fiber Glass	75% Other	Gray Fibrous Homogeneous
71971437PLM_111	insulation				Teased
I-24-71 - A	Beige canvas wrap & insulation around HVAC ductwork o/s of labs in space 2	None Detected	90% Cellulose	10% Other	Gray Fibrous Homogeneous
71971437PLM_71	wrap				Teased
I-24-71 - B	Beige canvas wrap & insulation around HVAC ductwork o/s of labs in space 2	None Detected	25% Fiber Glass	75% Other	Gray Fibrous Homogeneous
71971437PLM_112	insulation				Teased
I-24-72 - A	Beige canvas wrap & insulation around HVAC ductwork o/s of labs in space 2	None Detected	90% Cellulose	10% Other	Gray Fibrous Homogeneous
71971437PLM_72	wrap				Teased
I-24-72 - B	Beige canvas wrap & insulation around HVAC ductwork o/s of labs in space 2	None Detected	25% Fiber Glass	75% Other	Gray Fibrous Homogeneous
71971437PLM_113	insulation				Teased
VD-25-73	Black vibration dampener around duct HVAC work in space 2 adjacent to lab	None Detected	70% Fiber Glass	30% Other	Black Fibrous Homogeneous
71971437PLM 73					Ashed

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 (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

**Project:** PPOE00521 Warehouse 9

Sample ID	Description	A ale sates a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
VD-25-74	Black vibration dampener around duct HVAC work in space 2 adjacent to lab	None Detected	70% Fiber Glass	30% Other	Black Fibrous Homogeneous
71971437PLM_74					Ashed
VD-25-75	Black vibration dampener around duct HVAC work in space 2 adjacent to lab	None Detected	70% Fiber Glass	30% Other	Black Fibrous Homogeneous
71971437PLM_75					Ashed
FT-26-76 - A	Beige floor tile 12x12 space 4 & associated mastic	None Detected		100% Other	Beige Non Fibrous Homogeneous
71971437PLM_76	tile				Dissolved
FT-26-76 - B	Beige floor tile 12x12 space 4 & associated mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_114	mastic				Dissolved
FT-26-77 - A	Beige floor tile 12x12 space 4 & associated mastic	None Detected		100% Other	Beige Non Fibrous Homogeneous
71971437PLM_77	tile				Dissolved
FT-26-77 - B	Beige floor tile 12x12 space 4 & associated mastic	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971437PLM_115	mastic				Dissolved
FT-26-78	Beige floor tile 12x12 space 4 & associated mastic	Not Analyzed			
71971437PLM_78	TEM				
C-27-79	Silver caulk around 3 blower fans on northern wall space 2	None Detected		100% Other	Silver Non Fibrous Homogeneous
71971437PLM_79					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 (118)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 9

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM **Date Received:** 7/30/2021

Date Reported: 8/6/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos Componen		Components	Treatment
C-27-80	Silver caulk around 3 blower fans on northern wall space 2	None Detected		100% Other	Silver Non Fibrous Homogeneous
71971437PLM_80					Dissolved
C-27-81	Silver caulk around 3 blower fans on northern wall space 2	Not Analyzed			
71971437PLM_81	TEM				
DW-28-82 - A	Drywall & joint compound space 1, 1st fl, bathrooms & rm 3&4	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71971437PLM_82	drywall				Crushed
DW-28-82 - B	Drywall & joint compound space 1, 1st fl, bathrooms & rm 3&4	None Detected		100% Other	White Non Fibrous Homogeneous
71971437PLM_116	joint compound				Crushed
DW-28-83 - A	Drywall & joint compound space 1, 1st fl, bathrooms & rm 3&4	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71971437PLM_83	drywall				Crushed
DW-28-83 - B	Drywall & joint compound space 1, 1st fl, bathrooms & rm 3&4	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971437PLM_117	joint compound				Crushed
DW-28-84 - A	Drywall & joint compound space 1, 1st fl, bathrooms & rm 3&4	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71971437PLM_84	drywall				Crushed
DW-28-84 - B	Drywall & joint compound space 1, 1st fl, bathrooms & rm 3&4	None Detected		100% Other	White Non Fibrous Homogeneous
71971437PLM 118	joint compound	]			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 (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971437

**Analysis ID:** 71971437 PLM

**Date Received:** 7/30/2021 Date Reported: 8/6/2021

**Project:** PPOE00521 Warehouse 9

Sample ID	Description	A ab astas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FB-29-85	Cream brick space 2 N, E, W walls	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971437PLM_85	1				Crushed
FB-29-86	Cream brick space 2 N, E, W walls	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971437PLM_86	1				Crushed
FB-29-87	Cream brick space 2 N, E, W walls	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971437PLM_87	1				Crushed
FL-30-88	Black flashing on HVAC exterior shed adjacent to space 1	12% Chrysotile		88% Other	Black Non Fibrous Homogeneous
71971437PLM_88	-				Dissolved
FL-30-89	Black flashing on HVAC exterior shed adjacent to space 1	12% Chrysotile		88% Other	Black Non Fibrous Homogeneous
71971437PLM_89	1				Dissolved
FL-30-90	Black flashing on HVAC exterior shed adjacent to space 1	Not Analyzed			
71971437PLM_90					

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 (118)

Analyst



Address:

**Company Contact Information** 

2040 Savage Road

Charleston, SC 29407

Company: GEL Engineering, LLC

#### Scientific Analytical Institute

4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Contact: Ren Sharpe/Serah Browning

Email X: Yonald Sharpe@gel.don

Fax []: 843/769-7397

Lab Use Only/ Lab Order ID:	11911427
Client Code:	

**Asbestos Test Types** 

X

PLM EPA 600/R-93/116 (PLM)

PLM Point Count 400 (PT4)

PLM Point Count 1000 (PTM)

PCM NIOSH 7400-A Rules (PCM)

Page lof 4

A-F-017 EXP: 2/4/2021

Positive stop

sarah brawning@gel.c			PLOCH	PC	M NIOSH 7400-A Rules (PCM)		
Billing/Invoice	Information	Turn Aro	und I	imes	В	Rules (PCB) TWA (PT	A) 🗌
Company:		90 Min. 🔲	48 Ho	urs 🗌	TE	M AHERA (AHE)	
Contact:	Same	3 Hours	72 Ho	urs 🗌	TE	M Level II (LII)	
Address:	As	6 Hours	96 Ho	urs 🗌	TE	M NIOSH 7402 (TNI)	
	Alorve	12 Hours 🔲	120 H	ours 🗶	TE	M Bulk Qualitative (TBL)	
		24 Hours	144 <sup>+</sup> H	lours 🗌	TE	M Bulk Chatfield (TBS)	X
					TE	M Bulk Quantitative (TBQ)	
PO Number:				TE	M Wipe ASTM D6480-05		
Project Name/Nu	Warehouse	29 (	(7/28/21)	TEN	Microvac ASTM D5755-02		
N.C.			لئنا	TE	M Water EPA 100.2 (TW1)		
()= 16	EM simultan	eously	· *	Oth	er:		
000	•						
Sample ID #	Description/I	Location		Volume/A	rea	Comments	
M-1-1	Stair mastic - or	n sters in s	pace	~45 S	F	Analyze mass	ric
M-1-2	1	· · · · · · · · · · · · · · · · · · ·				only 1	
M-1-3	<b>Y</b>			<b>V</b>		1,5	
FT-2-4	12×12 dark Stri	ped floor		~ 600 S	F	Analyze floor +	ile
FT-2-5	tile, space 1 2nd	floor				+ mustic (if pres	
FT-2-6				<u> </u>			
CM-3-7	carpet mastic unde	s dark brown	٦	~144 SF		Analyze mass	ii C
CM-3 - B	carpet space 1, 15	tflrm3				only	
CM-3-9	1	11x0:		<i>V</i>		1.4	
Ft-4-16	beign wil dark speck	led Moor fir	e	~760 ST	_	Aralyze floor si	2
FT-13-H)	spice 1, 1st floor,	minus bath	rsoms			+ mastic ( # prese	<b>\</b> 1
1FT-4/12/	/			•		Total # of Samples	
/ Relinqu	ished by Date	Time		Received by	y	Date/Ti	me
Luce Vr	durano 7/29	21 1200 DI	1.	Mo -	112	0 10301	
		151	III	Well!	לקן	U 10 1	



\* Run PLM+ TEM simultaneously \*

Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID: Client Code:	
-----------------------------------------	--

Sample ID #	Specific Location	Volume/Area	Comments
5-5-13	Surfacing behind ceramic tile	~ 400 SF	Analyze surfacing only
5-5-14	walls in space 1 bathrooms		
S-5-15	<u> </u>	1	<b>↓</b>
BBI-6-16	black batt insulation w/ pink	N2,300 SF	Avalyze black batt
BBI-6-17	fiberglass estact of walls + ceiling	<b>5</b> 1	only
BBF-6-18			1
CT-7-19	2×4 wormhale ceiling the	~ 340 SF	Analyze Ceiling
CT-7-20	space 1, 14 ft, m 3+4 only	1	tileonly
CT-7-21	1	<b>V</b>	1
HJ-8-22	TSI hard junt small diameter		
HJ-8-23		system lines	on process system lines
HJ-8-24	<u> </u>	4	<u> </u>
CW-9-25	beige carras wrap thermed	Majority of	
CW-9 - 26	system isallation medium diamete		
CW-9 - 27	braight line 1	lines	
TST-10-28	thermal system insulation large	~ 120 LF	
T3I-10-29	diameter straight line along	<u> </u>	
TSI-10-30	West wall 1	On bord high	
H5-11-31	TSI hard joint large diameter	One hard joint	
HJ-11 - 32	in MW corner	observed	
HT-11-33 CW-12-34	Can to word comely disconting	Mariacila of	
CW-12-35	straight line + thermal system insul.	Majority of	1
CW-12-36	Strugger tree themal system insul.		1
HT-13-37	hard joint TSI medium diameter	lines All propess	
H5-13-38	1	system lines	
45-13-39		J.	
HJ-13-39 FH-14-40	canvas wrap fire hose	Fire hous	Analyze Fire hose only
PH-14-41		1	1
FH-14-42	1	1	V
FT-15-43	9x9 black floor tile space 3	~1900 SF	Analyze floor tile
FT-15 -44	(lab 1 + 2, Rms 1, 2, 3, 4)	1	+ mastic
FT-15 -45	V	1	V
BBI-16-46	tan black but insulation above	~1,900 SF	Avalyze black
BBI-16-47	Ceiling space 3 (lab 142, Rms 1,2	1	batt only
BBI-16-48	3+4) 1	V	1
	•		
			Page 2 of 4

# \* Run PLM+TEM simultaneously\*

Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	
Client Code:	

	Sample ID #	Specific Location	Volume/Area	Comments
	LC-17-49	black lab countertops - one Lab	1 Four counters	Analyze countertop
	LC-17-50	two in Lab 2 & one outside RMY by HVAC	i i	only
	LC-17-51			Ψ'
	FT-18-52	12x12 Cream floor file + mastic	~1,900 SF	Analyze tile +
	FT-18-53	Rms 5,6,7,8,9,10,11,12,13 (space 3)		mustic (lifpresent)
4	FT-18-54	space 3 Hall	V 1=	~
	Ct-19-55	Ix I wormhele ceiling tile	~ 530 SF	Analyze ceiling tile
	CT-19-56	space 3 Rm 5		only
	Ct-19-57	V	· V	
Ì	VD-20-58	light brown vibration dampener	unit	Analyze dampener
	VD-20 -59	space 3 second floor	1,	onh
ļ	VD-20 - 60	V	<u> </u>	
-	M-21-61	white mastic on HVAC ductwork	~55F	Avalyze mastic
	M-21-62	ols of conference rm	1	only
4	M-21-63	hall was to the total of the to	¥	· •
-	FT-22-64	Drawn It worked they the	~ 360 SF	Analyze tilet
$\downarrow$	Ft-12-65	Ossociated mastre, space 3	<u> </u>	Mestic ((if present)
	FT-22-lde	Conference (M	<b>V</b>	<u> </u>
	M-23-67	brown mustic its of HVAC Unit	~20 SF	Analyze mastic
	M-23-68	adjacent to conference rm		only
1	M-23-69	<b>V</b>	V	
-	I-24-70	beign carras wap & insulation	~1605F	Analyze all T51 present
-	I-24-71	around three ductionic ols		
-	I-24-72	of labs in 1 Space 2		•
-	VD-25-73	black vibration dampener	1 unit	Analyze damponer
-	VD-25-74	around duction in space		only
-	VD-25-75	adjacent to lab beige floor the 12 space 4	V	<u> </u>
-	FT-26-76	Deige Hoor Hie space 4	~121 SF	Analyze floor tile
,	T-T-26-77	t associated mastic		+ mastic if
1	FT-26-78	¥	110.5	1 present)
-	C-27-99	Silver Cause around 3 bower	~ 40 LF	Analyze caulic
ļ	C-27-80	fant an northern wall space 2		only
1	C-27-81	plat tonding acces	<i>V</i>	
-	DW-28-82	drywall & joint compound	~400 SF	Analyze DW+JC only
-	DW-28-83	space 1, 15th fl, bathrooms &		
-	DW-28-84	rm 344	<b>V</b>	V
-	FB-29-85	Cream - Space 2	~14,500 SP	Analyze brice only
	FB-29-86	N, E, W walls	1	Post 2 of 13
	FB-29-87	• •	V	Page 3 of 4





www.sailab.com

\* Run PLM+TEM simultaneously\*

lab@sailab.com

Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

Lab Use Only	
Lab Order ID:	
Client Code:	

Sample ID #	Specific Location	Volume/Area	Comments
FL-36-88	black flashing on HVAC exterior since adjacent to space 1	~20 LF	Analyze all component
FL-36-88 FL-36-89 FL-30-90	shed adjacent to space	1	Analyze all component excluding brick
FL-30 -90	7	<b>√</b>	+
, , , , , , , , , , , , , , , , , , , ,			



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971573

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971573\_TB

**Date Received:** 

8/2/2021

**Project:** PPIE00521 Warehouse 10

**Date Reported:** 8/9/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)
FT-4-14-a	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall1, hall 2	11%	88%	None Detected	
71971573TBS_1	tile				
FT-4-14-b	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall1, hall 2	80.%	-	None Detected	
71971573TBS_13	mastic				
FM-5-17	Yellow mastic under brown carpet front office, rm 1, 2, 3	40.%	-	None Detected	
71971573TBS_2					
BBI-6-20	Pink black batt insulation 1 behind drywalls & above ceiling in rm 3	90.%	-	None Detected	
71971573TBS_3					
BBI-7-23	Pink black batt insualtion 2 behind walls lobby, closet, front office, rm 1, hall 2	87%	_	None Detected	
71971573TBS_4					
BBI-8-26	Kraft paper (brown) around yellow fiberglass around HVAC ductowrk ductwork (lobby, clsoet, frt office, rm 1)		-	None Detected	
71971573TBS_5					

Disclaimer: 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.

Daniel Schwartz (16)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971573

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971573\_TB

**Date Received:** 

8/2/2021

**Project:** PPIE00521 Warehouse 10

**Date Reported:** 8/9/2021

Sample ID	Description	Organic	501.	Asbestos				LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	(Wt. %)		
BBI-9-29	Silver kraft paper insulation w/ yellow fiberglass & mastic around HVAC ductwork	60.%	-	None Detected				
71971573TBS_6								
FT-10-32-a	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	31%	4.4%	19 %	Chrysotile	17% - 21%		
71971573TBS_7	tile							
FT-10-32-b	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	64%	-	0.36 %	Chrysotile	0.33% - 0.40%		
71971573TBS_14	mastic							
FT-11-35-a	12x12 Cream floor tile & associated mastic rm 4 (top layer)	8.7%	91%	None Detected				
71971573TBS_8	tile							
FT-11-35-b	12x12 Cream floor tile & associated mastic rm 4 (top layer)	51%	-	None Detected				
71971573TBS_15	mastic							
TB-12-38-a	4 in brown vinyl toeboard & associated mastic; bathrooms 3 & 4	39%	_	None Detected				
71971573TBS_9	toeboard							

Disclaimer: 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.

Daniel Schwartz (16)

Approved Signatory

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe Sarah Browning

71971573 Lab Order ID:

Charleston, SC 29407

PPIE00521 Warehouse 10

**Analysis ID:** 

71971573\_TB

**Date Received:** 

8/2/2021

**Date Reported:** 

8/9/2021

Sample ID	Description	Organic	501.	Asbestos LCL-		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	(Wt. %)
TB-12-38-b	4 in brown vinyl toeboard & associated mastic; bathrooms 3 & 4	49%	1	None Detected		
71971573TBS_16	mastic					
G-13-41	Red rubberized gaskets process line 5	41%		None Detected		
71971573TBS_10						
S-26-77	Black sealant on HVAC unit chilled water unit #2 in HVAC room	48%	1	16 %	Chrysotile	14% - 17%
71971573TBS_11						
C-27-80	White caulk around door - main entrance exterior	53%	1	2.4 %	Anthophyllite	2.1% - 2.6%
71971573TBS_12						

Disclaimer: 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.

Daniel Schwartz (16)

Analyst



Address:

**Company Contact Information** 

2040 Savage Road

Cinarleston, SC 29407

Company: GEL Engineering, LLC

#### Scientific Analytical Institute

4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Contact: Ron Sharpe Sorah Browning

Fax []: 843/769-7397

Lab Use Only / Lab Order ID:	19	11513
Client Code:		

**Asbestos Test Types** 

PLM EPA 600/R-93/116 (PLM)

PLM Point Count 400 (PT4)

Positive stop

		Email X	: ronald.s	inari	26001.00	PL	M Point Count 100	00 (PTM)	
		1	browning		- 1		m niosh 7400-a f	Rules (PCM)	
Billing/Invoice	Information		Turn Around Times			В	Rules (PCB)	TWA (PTA	() [
Company:		90 Min.	48	3 Hou	rs 🗌	TE	M AHERA (AHE)		
Contact:	Same	3 Hours	☐ 72	2 Hou	rs 🗌	TE	M Level II (LII)		
Address: AS		6 Hours	□ 96	Hour	rs 🗌	TE	M NIOSH 7402 (T	NI)	
	Alorve	12 Hours	□ 12	20 Hot	ırs 🛛	TE	M Bulk Qualitative	(TBL)	
		24 Hours		l4 <sup>+</sup> Ho	urs 🗌	TE	M Bulk Chatfield (	TBS)	X
						TE	M Bulk Quantitativ	re (TBQ)	
PO Number:	· · · · · · · · · · · · · · · · · · ·					TE	M Wipe ASTM De	5480-05	
Project Name/Nu	imber: PPOE0052	21 Warehou	sc 10	(7/	29/21)	TEN	Microvac ASTM	D5755-02	
Chi.						TE	M Water EPA 100.	2 (TW1)	
(1)	* Run PL	MITEM Simu	iltaneous	siy >	K	Oth	er:		
				· 					
Sample ID #		iption/Location			Volume/A		Com	ments	
P-1-1	Plaster			(	~ 3, Ea	SF	Analyze		
P-1-2	lobby, closet, for	ent office, For	11,		<u> </u>		T base i	eat	
9-1-3	hall i pais in			4					
P-1-4	barn liteling,	Bm 55 le c	eiling		e e e e e e e e e e e e e e e e e e e				
P-1-5		<u> </u>					-V		
DW-2-6	Drywall & join	tcompund		4	~ 700 9	»F	Analyze D	W+JL or	nly
DW-2-7	half hall 2, B	n 2, smalld	rywill						
DW-2-8	divider in 2m	4			<u> </u>		· V		
CT-3-9	2x4 wormhou				rew.	SF	Analyse	willy	
U-3-10	bathroom 2	<u>, Bm3, i</u>	WAC M	2,			tik on	7	
ct-3 -11	Pm 4				<u>/</u>		1		
	/ /		·				Total # of Sam		
Relinqu	ished by	Date/Time		/F	Received	by		Date/Tin	ne
X ever X.	nduron	7/30/21 0300	12	< 1	Illes	/	5/2	n30	1
		· ·	11	1			0/2	10 1	
			-	. 1	M		Page	ofof	
		Acc	cepte	a				AT VITEAR, A	
			epte jecto						
		Ke	A. C.	<b>⊕</b> 7					

\* Run PLM+ TEM Simultaneously \*



#### Scientific Analytical Institute

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

Lab Use Only Lab Order ID: Client Code:	1971573
	1

	Sample ID #	Specific Location	Volume/Area	Comments
	Ft-4-12	PINK Floor tile of associated yellow	~3705F	Analyze tile +
	FT-4-13	mustic; lany cleset, hell !		moustic (if present)
7	FT-4-14	hall 2 V	1	<b>→</b>
	CM-5-15	yellow mastic under brown carpet	~ 800 3F	Analyze mastic
	CM-5-16	Front office, Bm, 2,3		only 1
1	CM-5-17	<b>V</b>	V	, <b>v</b>
	BBI-6-18		~1,003F	Analyze black
$\lambda$	BBI-6-19	behind drywalls & above cailing		buff only
٧	BBI-6-20	in An3/	.1	V '
	BOI-7-21	pink black batt insulation 2	~ 1,000 SF	Aralyze black
$\downarrow$	BBF-7-22	behind walls looby, closer,	1.	batt only
4	BBI-7-23	front office, Bm 1, hall 2	-V	Υ ,
	BT-8-24	Braft paper (brown) around yellow	~30 LF	Analyze Braft
	PPI-8-25	fiberglass around HVAC ductivors		paper only
<b>√</b>	BBI-8-26	ductivary (looky, cost, for africe; for)	<b>V</b>	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>
	BBI-9-27	silver traft paper insulation ul	~150 LF	Aralyze Kraft
	807-9-26	yellow fiberalass & mastic		caper + masinc
1	PPIE-9-29	around 141/4c / ductwork		String V
	Ft-10-36	9×9 beige floor tiles & associated	~ 360 SF	Analyze file +
	FT-10-31	black meistic: HVAC room,	1	Mastic only (if
	FT-10-32	BM 4(btm layer)		v present
	Ft-11-33	12x12 cream floor tile +	~ 180 SF	Analyze tile t
	FT-11-34	associated mastic Rm4	1	mastic only (if
1	FT-11 -35	(top layer) 1	$\mathcal{L}$	y present
	TB-12-36	4 in brain viry tochoard of	~ 90 LF	Analyze toebaird
	TB-12-37	associated mastic pathrooms		+ mastic only
	TB-12-38	3+4	·\	V
	6-13-39	red rubburized gusikets	All obsides	Analyze gasivet only
	G-13-40	process ine 5	on fire Dept	
1	6-13-41	<b>V</b>	Water Pipes	1
	G-14-42	brittle gaspets	Gaskets on	1
	6-14-43	1 process line 4	process system	
	6-14-44		lines	<b>V</b>
	CM-15-45	Comentitions material around	N205F	Analyze all component
1	CM-15 - 46	fan blaver in NE Corner	- W 51	Analyza dil windigon
	CM-15-47	j.	<b>V</b>	1
Ì	CW-16-48	being canvas wrap around	~ DOUNGE	Anches Con Vo
	CW-149		- paper )[	Aralyze canvas
Ĺ	CW-16-50	vertical box duct in michile of warehouse		Nrap only 1 Page 1 of 3



( FEM) \* Run PLM+ TEM simultaneously \* 1/15/2

Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use O	nlv		
	-		
Lab Order		 	_
Client Code	5;	 	_

H5-17-51 Nerd joint TSI - large diameter ~8 hord Analyze all T HJ-17-52 pipes J Joint'S materials on HJ-17-53 V 1 System lines TSI-18-54 Hormal System insulation - large Process System TSI-18-55 diameter, straight run Lines TSI-18-56 TSI-19-57 thermal system insulation - small TSI-19-59 diameter, straight run TSI-19-59 HJ-20-60 hard joint TSI - medium HJ-20-61 diameter HJ-20-62	process
HJ-17-52 pipes Joints materials on HJ-17-53 V System lines TSI-18-54 thermal system insulation-large Process System TSI-18-55 diameter, straight run Lines TSI-19-50 thermal system insulation-small TSI-19-59 diameter, straight run TSI-19-59 HJ-20-60 hard joint TSI-medium HJ-20-61 diameter	process
TSI-18-59 thermal system insulation - large Process System lines TSI-18-55 diameter, straight run Lines TSI-18-56 thermal system insulation-small TSI-19-59 diameter, straight run TSI-19-59 HJ-20-60 hard joint TSI-medium HJ-20-61 diameter	5
TSI-18-54 Hournal System insulation - large Process System TSI-18-55 diameter, straight run Lines TSI-18-56 TSI-19-57 thermal system insulation-small TSI-19-59 diameter, straight run TSI-19-59 HJ-20-60 hard joint TSI-medium HJ-20-61 diameter	
TSI-18-55 diameter, straight run Lines TSI-18-56 TSI-19-57 thermal system insulation-small TSI-19-59 diameter, straight run TSI-19-59 HJ-20-60 hard joint TSI-medium HJ-20-61 diameter	
TSI-19-57 thermal system insulation-small TSI-19-59 diameter, straight run TSI-19-59 HJ-20-60 hard joint TSI-medium HJ-20-61 diameter	
TSI-19-59 diameter, straight run TSI-19-59 HJ-20-60 hard joint TSI-medium HJ-20-61 diameter	
TSI-19-59 HJ-20-60 hard joint TSI - medium HJ-20-61 diameter	
HJ-20-60 hard joint TSI-medium HJ-20-61 diameter	
HJ-20-61 diameter	
H5-20-62	
HJ-21-63 hard joint TSI-small drameter	
HJ-21-64	
45-22-65	
TST-23-lde Canvas virap insulation around	
TSI-23-67 medium diameter pipes-straight run	
TSI-23-68	
FB-24-69 beign light red brick ~10,0005F Arrange brick	- only
FB-24-70	
FB-24-71 V	
FB-28-72 dark red interior brick N 8,5005F Avralyze brick	- anly
FB-25-18.73	/
PB-25-10074 V	
5-76-75 black sealerst on HVAC unit NO LF Analyze scalar	ntonly
5-26-76 chilled water unit #2 in	
S-26-77 HVAC 10000	
C-27-78 write cause around deox-Main ~25 LF Analyze could	only
C-27-79 entrance exterior	
C-27 -80 V	



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



**Analysis ID:** 



71971572 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

**Project:** PPOE00521 Warehouse 10

Sample ID	Description	A -14	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
P-1-1 - A	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_I	finish				Crushed
P-1-1 - B	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_81	base				Crushed
P-1-2 - A	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_2	finish				Crushed
P-1-2 - B	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_82	base				Crushed
P-1-3 - A	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_3	finish				Crushed
P-1-3 - B	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_83	base				Crushed
P-1-4 - A	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_4	finish				Crushed
P-1-4 - B	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_84	base				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%.

Eloisa Blake (103)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 10

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM Date Received: 8/2/2021

**Date Reported:** 8/11/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
P-1-5 - A	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_5	finish				Crushed
P-1-5 - B	Plaster lobby, closet, front office, rm 1, hall 1,half hall 2, HVAC rm, rm 4, bath1, 3, 4, c	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_85	base				Crushed
DW-2-6 - A	Drywall & joint compound half hall 2, rm 2, small drywall divider in rm 4	None Detected	15% Cellulose	85% Other	Grayish Non Fibrous Heterogeneous
71971572PLM_6	drywall				Crushed
DW-2-6 - B	Drywall & joint compound half hall 2, rm 2, small drywall divider in rm 4	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_86	joint compound				Crushed
DW-2-7 - A	Drywall & joint compound half hall 2, rm 2, small drywall divider in rm 4	None Detected	15% Cellulose	85% Other	Grayish Non Fibrous Heterogeneous
71971572PLM_7	drywall				Crushed
DW-2-7 - B	Drywall & joint compound half hall 2, rm 2, small drywall divider in rm 4	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_87	joint compound				Crushed
DW-2-8 - A	Drywall & joint compound half hall 2, rm 2, small drywall divider in rm 4	None Detected	15% Cellulose	85% Other	Grayish Non Fibrous Heterogeneous
71971572PLM_8	drywall				Crushed
DW-2-8 - B	Drywall & joint compound half hall 2, rm 2, small drywall divider in rm 4	None Detected		100% Other	White Non Fibrous Homogeneous
71971572PLM_88	joint compound				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%.

Eloisa Blake (103)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 10

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes	
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment	
CT-3-9	2x4 Wormhole ceiling tile bathroom 2, rm 3, HVAC rm, rm 4	None Detected	40% Cellulose 40% Fiber Glass	20% Other	Grayish Fibrous Heterogeneous	
71971572PLM_9					Teased, Crushed	
CT-3-10	2x4 Wormhole ceiling tile bathroom 2, rm 3, HVAC rm, rm 4	None Detected	40% Cellulose 40% Fiber Glass	20% Other	Grayish Fibrous Heterogeneous	
71971572PLM_10					Teased, Crushed	
CT-3-11	2x4 Wormhole ceiling tile bathroom 2, rm 3, HVAC rm, rm 4	None Detected	bathroom 2, rm 3, HVAC rm, rm 4  None Detected  40% Cellulose	40% Cellulose 40% Fiber Glass	20% Other	Grayish Fibrous Heterogeneous
71971572PLM_11					Teased, Crushed	
FT-4-12 - A	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall 1, hall 2	None Detected		100% Other	Pink Non Fibrous Heterogeneous	
71971572PLM_12	tile				Dissolved	
FT-4-12 - B	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall 1, hall 2	None Detected		100% Other	Yellow Non Fibrous Homogeneous	
71971572PLM_89	mastic				Dissolved	
FT-4-13 - A	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall 1, hall 2	None Detected		100% Other	Pink Non Fibrous Heterogeneous	
71971572PLM_13	tile				Dissolved	
FT-4-13 - B	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall 1, hall 2	None Detected		100% Other	Yellow Non Fibrous Homogeneous	
71971572PLM_90	mastic				Dissolved	
FT-4-14 - A	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall 1, hall 2	Not Analyzed				

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%.

Eloisa Blake (103)

Analyst

tile - TEM

Approved Signatory

71971572PLM 14



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



**Analysis ID:** 



71971572 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

**Project:** PPOE00521 Warehouse 10

Sample ID	Description	A albantan	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-4-14 - B	12x12 Pink floor tile & associated yellow mastic; lobby, closet, hall 1, hall 2	Not Analyzed			
71971572PLM_91	mastic - TEM				
CM-5-15	Yellow mastic under brown carpet front office, rm 1, 2, 3	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971572PLM_15					Dissolved
CM-5-16	Yellow mastic under brown carpet front office, rm 1, 2, 3	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971572PLM_16					Dissolved
CM-5-17	Yellow mastic under brown carpet front office, rm 1, 2, 3	Not Analyzed			
71971572PLM_17	TEM	1100122202			
BBI-6-18	Pink black batt insualtion 1 behind drywalls & above ceiling in rm 3	None Detected		100% Other	Black Non Fibrous Homogeneous
71971572PLM_18					Dissolved
BBI-6-19	Pink black batt insualtion 1 behind drywalls & above ceiling in rm 3	None Detected		100% Other	Black Non Fibrous Homogeneous
71971572PLM_19					Dissolved
BBI-6-20	Pink black batt insualtion 1 behind drywalls & above ceiling in rm 3	Not Analyzed			
71971572PLM_20	TEM				
BBI-7-21	Pink black batt insulation 2 behind walls lobby, closet, front office, rm 1, hall 2	None Detected		100% Other	Black Non Fibrous Homogeneous
71971572PLM_21					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%.

Eloisa Blake (103)

Analyst



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



**Analysis ID:** 



71971572 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

**Project:** PPOE00521 Warehouse 10

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
BBI-7-22	Pink black batt insulation 2 behind walls lobby, closet, front office, rm 1, hall 2	None Detected		100% Other	Black Non Fibrous Homogeneous
71971572PLM_22					Dissolved
BBI-7-23	Pink black batt insulation 2 behind walls lobby, closet, front office, rm 1, hall 2	Not Analyzed			
71971572PLM_23	TEM				
BBI-8-24	Kraft paper (brown) around yellow fiberglass around HVAC ductwork ductwork (lo	None Detected	70% Cellulose	30% Other	Brown, Yellow Fibrous Heterogeneous
71971572PLM_24					Teased, Dissolved
BBI-8-25	Kraft paper (brown) around yellow fiberglass around HVAC ductwork ductwork (lo	None Detected	70% Cellulose	30% Other	Brown, Yellow Fibrous Heterogeneous
71971572PLM_25	1				Teased, Dissolved
BBI-8-26	Kraft paper (brown) around yellow fiberglass around HVAC ductwork ductwork (lo	Not Analyzed			
71971572PLM_26	TEM				
BBI-9-27	Silver kraft paper insulation w/ yellow fiberglass & mastic around HVAC ductwork	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971572PLM_27	1				Dissolved
BBI-9-28	Silver kraft paper insulation w/ yellow fiberglass & mastic around HVAC ductwork	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971572PLM_28	†				Dissolved
BBI-9-29	Silver kraft paper insulation w/ yellow fiberglass & mastic around HVAC ductwork	Not Analyzed			
71971572PLM_29	TEM				
				1	1

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%.

Eloisa Blake (103)



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

Project:	PPOE00521	Warehouse	10

Sample ID	Description	A albantan	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-10-30 - A	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	8% Chrysotile		92% Other	Tan Non Fibrous Heterogeneous
71971572PLM_30	tile				Dissolved
FT-10-30 - B	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971572PLM_92	mastic				Dissolved
FT-10-31 - A	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	8% Chrysotile		92% Other	Tan Non Fibrous Heterogeneous
71971572PLM_31	tile				Dissolved
FT-10-31 - B	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971572PLM_93	mastic				Dissolved
FT-10-32 - A	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	Not Analyzed			
71971572PLM_32	tile - TEM				
FT-10-32 - B	9x9 Beige floor tiles & associated black mastic; HVAC room, rm 4 (btm layer)	Not Analyzed			
71971572PLM_94	mastic - TEM				
FT-11-33 - A	12x12 Cream floor tile & associated mastic rm 4 (top layer)	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_33	tile				Dissolved
FT-11-33 - B	12x12 Cream floor tile & associated mastic rm 4 (top layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971572PLM_95	mastic				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%.

Eloisa Blake (103)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

<b>Project:</b> PPOE00521 Warehou	se 10
-----------------------------------	-------

Sample ID	Description	A also ato a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-11-34 - A	12x12 Cream floor tile & associated mastic rm 4 (top layer)	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_34	tile				Dissolved
FT-11-34 - B	12x12 Cream floor tile & associated mastic rm 4 (top layer)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971572PLM_96	mastic				Dissolved
FT-11-35 - A	12x12 Cream floor tile & associated mastic rm 4 (top layer)	Not Analyzed			
71971572PLM_35	tile - TEM				
FT-11-35 - B	12x12 Cream floor tile & associated mastic rm 4 (top layer)	Not Analyzed			
71971572PLM_97	mastic - TEM	J. J			
TB-12-36 -	4 in b Vinyl toeboard & associated mastic; bathrooms 3 & 4	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971572PLM_36	toeboard				Dissolved
TB-12-36 - B	4 in b Vinyl toeboard & associated mastic; bathrooms 3 & 4	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971572PLM_98	mastic				Dissolved
TB-12-37 -	4 in b Vinyl toeboard & associated mastic; bathrooms 3 & 4	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971572PLM_37	toeboard				Dissolved
TB-12-37 - B	4 in b Vinyl toeboard & associated mastic; bathrooms 3 & 4	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971572PLM_99	mastic				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%.

Eloisa Blake (103)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 10

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

F -	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TB-12-38 - A	4 in b Vinyl toeboard & associated mastic; bathrooms 3 & 4	Not Analyzed			
71971572PLM_38	toeboard - TEM				
ГВ-12-38 - В	4 in b Vinyl toeboard & associated mastic; bathrooms 3 & 4	Not Analyzed			
71971572PLM_100	mastic				
G-13-39	Red rubbersized gaskets process line 5	None Detected		100% Other	Red Non Fibrous Heterogeneous
71971572PLM_39	1				Dissolved
G-13-40	Red rubbersized gaskets process line 5	None Detected		100% Other	Red Non Fibrous Heterogeneous
71971572PLM_40	1				Dissolved
G-13-41	Red rubbersized gaskets process line 5	Not Analyzed			
71971572PLM_41	TEM				
G-14-42	Brittle gaskets process line 4	50% Chrysotile		50% Other	Black Fibrous Heterogeneous
71971572PLM_42	1				Teased
G-14-43	Brittle gaskets process line 4	50% Chrysotile		50% Other	Black Fibrous Heterogeneous
71971572PLM_43	1				Teased
G-14-44	Brittle gaskets process line 4	50% Chrysotile		50% Other	Black Fibrous Heterogeneous
71971572PLM 44					Teased

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%.

Eloisa Blake (103)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 10

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
CM-15-45	Cementitious material around fan blower in NE corner	70% Chrysotile		30% Other	Gray Fibrous Heterogeneous
71971572PLM_45		70 % Chrysothe			Teased
CM-15-46	Cementitious material around fan blower in NE corner	70% Chrysotile		30% Other	Gray Fibrous Heterogeneous
71971572PLM_46					Teased
CM-15-47	Cementitious material around fan blower in NE corner	70% Chrysotile		30% Other	Gray Fibrous Heterogeneous
71971572PLM_47					Teased
CW-16-48	Beige canvas wrap around vertical box duct in middle of warehouse	None Detected	75% Cellulose	25% Other	White Fibrous Heterogeneous
71971572PLM_48					Teased, Dissolve
CW-16-49	Beige canvas wrap around vertical box duct in middle of warehouse	None Detected	75% Cellulose	25% Other	White Fibrous Heterogeneous
71971572PLM_49					Teased, Dissolved
CW-16-50	Beige canvas wrap around vertical box duct in middle of warehouse	None Detected	75% Cellulose	25% Other	White Fibrous Heterogeneous
71971572PLM_50					Teased, Dissolve
НЈ-17-51	Hard joint TSI - large diameter pipes	50% Chrysotile	25% Cellulose	25% Other	Gray Fibrous Heterogeneous
71971572PLM_51	wrap inseparable				Teased
НЈ-17-52	Hard joint TSI - large diameter pipes	50% Chrysotile	25% Cellulose	25% Other	Gray Fibrous Heterogeneous
71971572PLM 52	wrap inseparable				Teased

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%.

Eloisa Blake (103)

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: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 10

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
НЈ-17-53	Hard joint TSI - large diameter pipes	50% Chrysotile	25% Cellulose	25% Other	Gray Fibrous Heterogeneous
71971572PLM_53	wrap inseparable	_			Teased
ΓSI-18-54	Thermal system insulation - larg diameter, straight run	30% Chrysotile 20% Amosite	25% Cellulose	25% Other	Gray Fibrous Heterogeneous
71971572PLM_54	wrap inseparable	20% Amosite			Teased
TSI-18-55	Thermal system insulation - larg diameter, straight run	30% Chrysotile 20% Amosite	25% Cellulose	25% Other	Gray Fibrous Heterogeneous
71971572PLM_55	wrap inseparable	2070 Timosite			Teased
TSI-18-56	Thermal system insulation - larg diameter, straight run	30% Chrysotile	25% Cellulose	25% Other	Gray Fibrous Heterogeneous
71971572PLM_56	wrap inseparable	2070 Amosite			Teased
ΓSI-19-57 - Α	Thermal system insulation - small diamter, straight run	None Detected	75% Cellulose	25% Other	Brown Fibrous Heterogeneous
71971572PLM_57	wrap				Teased
TSI-19-57 - B	Thermal system insulation - small diamter, straight run	None Detected	25% Cellulose	75% Other	Gray Fibrous Heterogeneous
71971572PLM_101	insulation				Teased
TSI-19-58	Thermal system insulation - small diamter, straight run	10% Chrysotile	35% Cellulose	55% Other	Gray Fibrous Heterogeneous
71971572PLM_58	wrap inseparable				Teased
ΓSI-19-59	Thermal system insulation - small diamter, straight run	30% Chrysotile 20% Amosite	25% Cellulose	25% Other	Gray Fibrous Heterogeneous
71971572PLM 59	wrap inseparable	20/0 minusite			Teased

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%.

Eloisa Blake (103)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

Project:	PPOE00521	Warehouse	10

Sample ID	Description	A 1 /	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
НЈ-20-60	Hard joint TSI - medium diameter	3% Chrysotile	20% Cellulose	77% Other	Tan, Gray Fibrous Heterogeneous
71971572PLM_60	wrap inseparable				Teased
НЈ-20-61	Hard joint TSI - medium diameter	3% Chrysotile	20% Cellulose	77% Other	Tan, Gray Fibrous Heterogeneous
71971572PLM_61	wrap inseparable				Teased
НЈ-20-62 - А	Hard joint TSI - medium diameter	None Detected	40% Cellulose	60% Other	Tan Fibrous Heterogeneous
71971572PLM_62	wrap				Teased
НЈ-20-62 - В	Hard joint TSI - medium diameter	None Detected	15% Fiber Glass	85% Other	Gray Non Fibrous Heterogeneous
71971572PLM_102	insulation				Crushed
НЈ-21-63 - А	Hard joint TSI - small diameter	None Detected	40% Cellulose	60% Other	Tan Fibrous Heterogeneous
71971572PLM_63	wrap				Teased
НЈ-21-63 - В	Hard joint TSI - small diameter	None Detected	15% Fiber Glass	85% Other	Gray Non Fibrous Heterogeneous
71971572PLM_103	insulation				Crushed
НЈ-21-64	Hard joint TSI - small diameter	None Detected	15% Fiber Glass	85% Other	Gray Non Fibrous Heterogeneous
71971572PLM_64					Crushed
НЈ-22-65	Hard joint TSI - small diameter	None Detected	15% Fiber Glass	85% Other	Gray Non Fibrous Heterogeneous
71971572PLM_65					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%.

Eloisa Blake (103)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 10

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572 PLM

Date Received: 8/2/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-23-66	-23-66 Canvas wrap insualtion around medium diameter pipes - straight run  None Detected 75% Cellulose 25% Other		25% Other	Tan Fibrous Heterogeneous	
71971572PLM_66		1,010			Teased
TSI-23-67	Canvas wrap insualtion around medium diameter pipes - straight run	None Detected	75% Cellulose	25% Other	Tan Fibrous Heterogeneous
71971572PLM_67					Teased
TSI-23-68	Canvas wrap insualtion around medium diameter pipes - straight run	None Detected	75% Cellulose	25% Other	Tan Fibrous Heterogeneous
71971572PLM_68	7				Teased
FB-24-69	Beige/light red brick	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_69	1				Crushed
FB-24-70	Beige/light red brick	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_70	7				Crushed
FB-24-71	Beige/light red brick	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971572PLM_71					Crushed
FB-25-72	Dark red interior brick	None Detected		100% Other	Red Non Fibrous Heterogeneous
71971572PLM_72	┪				Crushed
FB-25-73	Dark red interior brick	None Detected		100% Other	Red Non Fibrous Heterogeneous
71971572PLM 73					Crushed
			<u> </u>		

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%.

Eloisa Blake (103)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 10

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971572

**Analysis ID:** 71971572\_PLM

**Date Received:** 8/2/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes	
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment	
FB-25-74	Dark red interior brick	None Detected		100% Other	Red Non Fibrous Heterogeneous	
71971572PLM_74					Crushed	
S-26-75	Black sealant on HVAC unit chilled water unit #2 in HVAC room	25% Chrysotile		75% Other	Black Fibrous Heterogeneous	
71971572PLM_75					Dissolved	
S-26-76	Black sealant on HVAC unit chilled water unit #2 in HVAC room	25% Chrysotile		75% Other	Black Fibrous Heterogeneous	
71971572PLM_76					Dissolved	
S-26-77	Black sealant on HVAC unit chilled water unit #2 in HVAC room	Not Analyzed				
71971572PLM_77	TEM					
C-27-78	White caulk around door - main entrance exterior	None Detected		100% Other	White Non Fibrous Homogeneous	
71971572PLM_78					Dissolved	
C-27-79	White caulk around door - main entrance exterior	None Detected		100% Other	White Non Fibrous Homogeneous	
71971572PLM_79	1				Dissolved	
C-27-80	White caulk around door - main entrance exterior	Not Analyzed				
71971572PLM_80	TEM	•				

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%.

Eloisa Blake (103)



# Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407

Phone: 336.292.3888 Fax: 336.292.3313 lab@sailab.com www.sailab.com

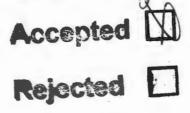
Lab Use Only Lab Order ID:	19	115	11
Client Code:	1 1	117	_

Company Con	tact Information			Asbes	tos Test Typ	es
Company: GEL En	lineering, LLC	Contact: RonSh	arpe/Sorah Browning	PLM EPA 60	00/R-93/116 (PLM)	X
	avage Road	Phone : 843		Positive stop		
	ston, SC 29407	Fax []: 8431		PLM Point C	Count 400 (PT4)	
		Email X: Youral	d. Sharpe@gel.com	PLM Point C	Count 1000 (PTM)	
			nimegel.com	PCM NIOSH	7400-A Rules (PCM)	
Billing/Invoice	Information		und Times	B Rules (PC	CB) TWA (PTA	A) [
Company:		90 Min.	48 Hours	TEM AHER	A (AHE)	
Contact:	Same	3 Hours	72 Hours	TEM Level I	I (LII)	
Address:	As	6 Hours	96 Hours 🔲	TEM NIOSH	7402 (TNI)	
	Above	12 Hours 🔲	120 Hours 🔀	TEM Bulk Q	ualitative (TBL)	
		24 Hours 🔲	144⁺Hours □	TEM Bulk C	hatfield (TBS)	X
	,			TEM Bulk Q	uantitative (TBQ)	
PO Number:			-0-	TEM Wipe A	STM D6480-05	
Project Name/Nu	mber: PPOE00521 V	Narehouse 10	(7/29/21)	TEM Microva	ac ASTM D5755-02	
	0		Tu	TEM Water I	EPA 100.2 (TW1)	
* Run PLM+ TEM simultaneously * Other:						
Sample ID #	Description/	Location	Volume/A	'ea	Comments	

Sample ID#	Description/Location	Volume/Area	Comments
P-1-1	Plaster	~ 3.800 SF	Analyze SEM7
P-1-2	lobby, closet, front office, RMI.	1	+ base coat
P-1-3	hall I half hall 2, HVAC m. Rm 4.		
P-1-4	bath Weiling, Bon 5t le ceiling		
P-1-5	1	V	V
DW-2-6	Drywall & joint compound	~700 SF	Analyze DW+JC only
DW-2-7	half hall 2, 2m 2, small drywall		
DW-2-8	divider in 2m4	1	<b>V</b>
Ct-3-9	2x4 wormhole reiling tile	~ ew sf	Analyze withy
Ct-3-10	bathroom 2, Bm 3, HVAC rm.	1	tile only
ct-3 -16	Pm 4	1	V,
//	/	, , , , , , , , , , , , , , , , , , , ,	Total # of Samples 80

Relinquished by Date/Time Received by Date/Time

Page 1 of 3



TEM \* Run PLM+ TEM simultaneously \*



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID:
Client Code:

	Sample ID#	Specific Location	Volume/Area	Comments
	Ft-4-12	pink floor tile + associated yellow	~370 SF	Analyze tile +
	FT-4-13	mustic; lany, closet, hall 1,		mustic (if present)
1	FT-4-14	hall 2 V	1	1
	CM-5-15	yellow mastic under brown carpet	~800 SF	Analthe mastic
,	CM-5-16	Front office, Rm 1, 2, 3		only
1	CM-5-17	<u> </u>	<b>√</b>	′ •
	BBI-6-18	pMx black batt insulation 1	~1,005F	Analyze black
	BBI-6-19	behind drywalls of above cailing	1	but only
1	BBI-6-20	in Am 31	.1	V '
	BOI-7-21	pink black but insulation 2	~ 1,000 SF	Aralyze black
	BBF-7-22	behind walls lobby, closet,		batt only
J	BBI-7-23	front office, Bm 1, hall 2	· V	¥ ,
	PET-8-24	Braft puper (brown) around yellow	~30 LF	Analyze Braft
	BBI-8-25	fiberglass around HVAC ductivorts		paper only
<b>√</b>	BBI-8-26	ductivary (lossy, closet, for africe inn)	<b>V</b>	\ \psi \ \psi \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	BBI-9-27	silver traft paper insulation ul	~150 LF	Aralyze Bratt
	887-9-28	yellow fiberglass & mastic		caper + music
<b>√</b>	BBI-9-29	around HVAC 1 ductwork	<b>V</b>	Charles 1
	Ft-10-36	9×9 beige floor tiles & associated	~360 SF	Aralyze file +
	FT-10-31	black meistic; HVAC room,	1	Mastic only (if
$\checkmark$	FT-10-32	BM 4(btm layer)	V	V present
	Ft-11-33	12x12 cream floor tile +	~ 180 SF	Analyze tile t
	FT-11-34	associated mastic Rm4	1	mastic only (if
7	FT-11-35	(top layer)	V	J present
	TB-12-36	4 in brain viryl toeboard of	~ 90 LF	Analyze tochaird
	TB-12-37	associated mustic ; buthrooms	<b>\</b>	+ mastic only
~	TB-12-38	3+4	<b>√</b>	V
	G-13-39	red rubburized gasitets	All gaskets	Analyze gasivet only
	G-13-40	process ine 5	on fire Dupt	
<b>√</b>	6-13-41	<b>√</b> '	Water Pipes	<b>V</b>
	G-14-42	brittle gaspets	Gastiels on	
	6-14-43	1 process line 4	process system	
	6-14-44	<b>↓</b> '	lines	Ψ
	CM-15-45	Comentitious material around	N205F	Analyze all component
	CM-15-46	fan blaver in NE Corner		
	CM-15-47	V	Ψ,	Ψ
	CW-16-48	beige canvas wrap around	~ 1000 5F	Aralyze Canvas
	CW-16-49	vertical box duct in minute of		Page 1 of 3
	CW-16-50	warehouse	•	•
				A-F-022 EXP: 2/4/202



J=TEM \* Run PLM+ TEM simultaneously \* 19157

Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

		112	-
Lab Use O	nly		
Lab Order	ID:		
<b>Client Cod</b>	e:		

Sample ID #	Specific Location	Volume/Area	Comments	
H5-17-51	Mard joint TSI - large diameter	~8 hord	Analyze all TSI	
HJ-17-52	pipes	joints	materials on process	
HJ-17-53	· · · · · · · · · · · · · · · · · · ·	1	system lines	
FSI-18-54	thermal system insulation - large	Process Syste	H \	
TSI-18-55	diameter, straight run	Lines		
TSI-18-56	Ψ			
TSI-19-57	thermal system insulation-small			
TSI-19-58	diameter, straight run			
TSI-19-59	1			
HJ-20-60	hard joint TSI - medium			
HJ-20-61	diameter 1			
H5-20-62	<b>V</b>			
HJ-21-63	hard joint TSI-small drameter			
HJ-21-64	3			
HJ-22-65	<b>↓</b>			
TST-23-66	Canvas wrap insulation ground			
TSI-23-67	medium chameter pipes - straight run		,	
TOI-23-68	, V	V	V.	
FB-24-49	beign light red price	~10,000SF	Analyze brick only	
FB-24-70	0 0			
FB-24-71	<b>√</b>	4	1	
FB-25-72	dark red interior brick	~ 8,500sF	Apralyze Drick only	
FB-25-18-73			/	
PB-25-10074	Ψ	V	₩	
5-26-75	black sealant on HVAC unit	NIOLF	Analyze scalantonly	
3-26-76	chilled water unit #2 in			
5-26-77	HVAC 100m	V	Ψ	
C-27-78	write cause around door-main	~25 LF	Analyze caulk only	
C-27-79	entrance exterior			
C-27 -80	1	4	4	
			Page 7 of 7	



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971661

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971661 TB

**Project:** PPOE00521 Warehouse 11

**Date Received: Date Reported:**  8/3/2021 8/11/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos		LCL-UCL	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)	
FT-1-3-a	Streaked off-white floor tile & mastic #2; space 1, rm 5	30.%	36%	1.7 %	Chrysotile	1.5% - 1.8%	
71971661TBS_1	tile						
FT-1-3-b	Streaked off-white floor tile & mastic #2; space 1, rm 5	55%		None Detected			
71971661TBS_16	mastic		<u> </u>				
FT-2-6-a	12x12 Green camo floor tile & mastic; space 1 rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1,2	31%	39%	None Detected			
71971661TBS_2	tile						
FT-2-6-b	12x12 Green camo floor tile & mastic; space 1 rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1,2	66%		None Detected			
71971661TBS_17	mastic						
FT-3-9-a	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	25%	42%	0.33 %	Chrysotile	0.30% - 0.37%	
71971661TBS_3	tile						
FT-3-9-b	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	31%	-	0.69 %	Chrysotile	0.62% - 0.76%	
71971661TBS_18	mastic						

Disclaimer: 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.

Daniel Schwartz (25)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Attn: Ron Sharpe

Customer: GEL Engineering, LLC

2040 Savage Road

Sarah Browning

Lab Order ID: 71971661

Charleston, SC 29407

**Analysis ID:** 

**Project:** PPOE00521 Warehouse 11

**Date Received:** 8/3/2021 **Date Reported:** 8/11/2021

71971661 TB

Sample ID	Description	Organic	Acid Sol.	Asbestos		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
FT-4-12-a	12x12 Pink floor tile & mastic space 2 - rm 3	23%	75%	0.015 %	Chrysotile	0.013% - 0.016%
71971661TBS_4	tile					
FT-4-12-b	12x12 Pink floor tile & mastic space 2 - rm 3	51%	-	None Detected		
71971661TBS_19	mastic					
FT-5-15-a	12x12 Streaked off-white floor tile #3 & mastic space 2 - 9,11 space 3 - rms 3,4		54%		None Detected	
71971661TBS_5	tile					
FT-5-15-b	12x12 Streaked off-white floor tile #3 & mastic space 2 - 9,11 space 3 - rms 3,4		-		None Detected	
71971661TBS_20	mastic					
MB-6-18	Black moisture barrier under floor tile space 3 - rms 3,4,5	66%	-	None Detected		
71971661TBS_6						
FT-7-21-a	12x12 Speckled white floor tile & mastic space 2 - rm 6	34%	13%	0.53 %	Chrysotile	0.48% - 0.59%
71971661TBS_7	tile					

Disclaimer: 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.

Daniel Schwartz (25)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971661

Charleston, SC 29407

Sarah Browning

71971661 TB 8/3/2021

**Project:** PPOE00521 Warehouse 11

**Date Received: Date Reported:** 

**Analysis ID:** 

8/11/2021

Sample ID	Description  Lab Notes	Organic	Acid Sol. (Wt. %)	A	Asbestos (Wt. %)	
FT-7-21-b	12x12 Speckled white floor tile & mastic space 2 - rm 6	33%	_	0.67 %	Chrysotile	0.60% - 0.73%
71971661TBS_21	mastic					
FT-8-24-a	9x9 Gray floor tile space 2 - rm 4	25%	14%	1.2 % Chrysotile		1.1% - 1.3%
71971661TBS_8	tile					
FT-8-24-b	9x9 Gray floor tile space 2 - rm 4	83%	-	None Detected		
71971661TBS_22	mastic					
FT-9-27-a	Light brown 9x9 floor tile & mastic under camo floor tile space 2 - 1,2,5	49%	0.32%	None Detected		
71971661TBS_9	tile					
FT-9-27-b	Light brown 9x9 floor tile & mastic under camo floor tile space 2 - 1,2,5	47%	-	None Detected		
71971661TBS_23	mastic					
BBI-11-33	Black batt insulation w/ pink fiberglass; space 1 - rms 1,4,5,12 space 2 - 8,11, space 3 - bath 1	80.%	_	None Detected		
71971661TBS_10						

Disclaimer: 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.

Daniel Schwartz (25)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe

Lab Order ID:

71971661

Sarah Browning

**Analysis ID:** 

71971661 TB

**Date Received:** 

8/3/2021

D / D / I	0/11/2021
Date Reported:	8/11/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Organic	Acid Sol.	Asbestos (Wt. %)	LCL-UCL
BBI-12-36	Black batt insulation w/ yellow fiberglass; space 1 - rms 2,3,7,8 space 2 - rms 1,2,3	95%	-	None Detected	
71971661TBS_11					
ТВ-13-39-а	4inch brown toeboards space 1 mens bathroom/locker space 3 - bathroom 1		-	None Detected	
71971661TBS_12	toeboard				
TB-13-39-b	4inch brown toeboards space 1 mens bathroom/locker space 3 - bathroom 1		-	None Detected	
71971661TBS_24	mastic				
ТВ-14-42-а	4inch black toeboards & mastic space 3 - bathroom 2	34%	-	None Detected	
71971661TBS_13	toeboard				
TB-14-42-b	4inch black toeboards & mastic space 3 - bathroom 2	50.%	-	None Detected	
71971661TBS_25	mastic				
M-16-47	Mastic under porcelain floor tile in kitchen/cafeteria	28%	-	None Detected	
71971661TBS_14					

Disclaimer: 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.

Daniel Schwartz (25)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe

Lab Order ID:

71971661

Sarah Browning

**Analysis ID:** 

71971661 TB

**Date Received:** 

8/3/2021

**Date Reported:** 

8/11/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)	
BBI-18-54	Brown kraft paper around yellow fiberglass around HVAC duct (space 1 - rm 11)	77%	1	None Detected		
71971661TBS_15				Tione Beteeted		

Disclaimer: 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.

Daniel Schwartz (25)

Analyst



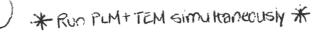
# Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

www.sailab.com lab@sailab.com

Lab Use Only / Lab Order ID:	١	9	1	166	1
Client Code:					

Company Contact Information					Asbestos Test Typ	es		
Company: GEL Engineering, LLC Contact: Roy Sinape Serah Brown			IVX P	PLM EPA 600/R-93/116 (PLM)	X			
1	evage Road	Phone □: 843			1	Positive stop		
1	ston, SC 29407	Fax [ : 843] 7			F	PLM Point Count 400 (PT4)		
	•	Email X: YOU'S	d.sha	rpe@gel.o	CH_F	PLM Point Count 1000 (PTM)		
		Sarah-brown	inec	RI.CCH	F	PCM NIOSH 7400-A Rules (PCM)		
Billing/Invoice	Information	Turn Aro	und I	imes		B Rules (PCB) TWA (PTA	4) 🗆	
Company:		90 Min.	48 Ho	urs 🗌	7	TEM AHERA (AHE)		
Contact:	Same	3 Hours	72 Ho	urs 🗌	1	TEM Level II (LII)		
Address:	HS.	6 Hours	96 Ho	urs 🗌	7	TEM NIOSH 7402 (TNI)		
	Above	12 Hours 🗌	120 H	ours 💢	7	TEM Bulk Qualitative (TBL)		
		24 Hours 🔲	144 <sup>+</sup> H	lours 🗌	1	TEM Bulk Chatfield (TBS)	X	
					1	EM Bulk Quantitative (TBQ)		
PO Number:					1	EM Wipe ASTM D6480-05		
Project Name/Nu	imber: PPOE00521	Warehous	211	(1/30/2)	)   T	EM Microvac ASTM D5755-02		
			-	T	EM Water EPA 100.2 (TW1)			
(1=16	M) * RUN PLM+T	EM simultan	ecusi	y *	C	Other:		
Sample ID #	Description/L			Volume/				
FT-1-1	1	e floor tile tmagne ~216		Si	,			
M-1-2	#2; space 1, B	m 5			mastic			
H-1-3	V	- V						
FT-2-4	12×12 green camo			1				
Ft-2-5	Mestic; space 1 - F	, , -				Mestic		
Ft-2-6	Space 2- Rm 10, 5pg	,		V	_	<u> </u>	`	
FT-3-7	12x12 streamed of	^	1	~640	2	Aralyze tile	4	
17-3-8	file # 1 + mastro;	1.	1,4	A THE	粉炒	mastic		
FT-3-9	Space 2-2ms 1, 2,	<i></i>		~		1		
()								
	<u> </u>	<del></del>				Total # of Samples 78		
Relinqu	<i></i>	/Time		Received	by	Date/Tir	ne	
Luis X	7/31/2	(@ 1400 ]		illu	1	8/3 1036A		
	Page of3							

Rejected 2





# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only 19100
Lab Order ID: 191000
Client Code:

	Sample ID #	Specific Location	Volume/Area	Comments
	Ft-4-10	12×12 pink Hoor tile + mastic	~100 SF	Aralyze filet
	FT-4-11	Spece 2-Bn 3		mastic
V	FT-4-12	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	
	Ft-5-13	12x12 streaked off-write	~1,100 SF	Aralyze tilet
	PT-5-14	floor tile #3 of mastic;		mestic
V	FT-5 -15	Space 2-9, 11 Space 3-Bms 3,4	1	1
	MB-6-16	black moisture burner under	~5305F	Analyze moisture
	MB-62-17	Hoor the	1	barrier only
V	MB-6-18	Space 3- Bms 3,4,5	Ψ	J '
	PT-7-19	12×12 speculed write floor	~1105F	Analyze mastic
. /	FT-7-20	tile + mastic	1	ttle
7	FT-7-21	Space 2- Pinte	-1/	
	Ft-8-22	9x9 gray floor tile	~ 55 SF	Analye floor file
	Ft-8 - 23	Space 2-Bm 4	1	I meistic if preser
~	FT-8-24	4	<b>V</b>	V '
-	FT-9-25	light brown 9x9 floor tile +	~700 SF	Analyze tile +
$\downarrow$	FT-9-26	Mastic under came floor title		mastic it present
7	FT-9-27	Space 3-1,2,5	<b>₩</b>	
-	Ct-10-28	1x1 white wormhole ceiling tile	~ 570SF	Analyze Ceiling
-	CT-10-29	Space 1- witchen garving area		tile only
-	CT-10-30	Space 3- bath 2	*	d'
-	BBI-11-31	black but insulation ul pine	~3,000 SF	Analyze black
1	BBI-11-32	tibuglass: Space1-8m3 1,45,12		batt only
1	BBF-11-33	Space 2 - 3.11, space 3 - Bath 1	4	
-	BBI-12-34	black batt insulation al yellar	~3,0005F	Analyze black
	BBI-12-35	tiberglass: Space 1- Ams 2,3,7,8		batt only
	BOI-12-36	Space 2- 8ms 1,2,3	4	1
	1B-13-37	4 inin brown trebourds	~180 LF	Amyge tockoard
-	TB-13-38	Space 1- Mens hathroom ligher		+ mestic if present
1	TB-13-39	Space 3- jouthrom		V
-	TB-14-40	84 inch biacit toeboards	~ GC LF	Analyze toeboard
	TB-14~41	of mastic		t Mastic
$\sqrt{}$	TB-14-42	Space 3- bathroom 2	/	V
	FH-15-43	canvas wrop fire here	fire hoses	Aralyze fire
	FH-15 ~44		<u> </u>	here only
	FH-15 -45	V	1	1
_				Page 2 of 3







# Scientific Analytical Institute

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

Lab Use Only Lab Order ID: Client Code:	
-----------------------------------------	--

	Sample ID #	Specific Location	Volume/Area	Comments	
	M-16-46	mastic under porcelain floor	~3.600 SF	Aralyze mustic	
. /	M-16-47	tile in Kitchen Cafeteria		enif	
4	M-16-48		1	1	
	VD-17-49	Vibration dampener around	one dungere	Analyze Jampene	
	VD-17 ~ 50	HVAC, Space 1- Pm 11	1	only 1	
	10-17-51		1	. 1 1	
	BOI-18-52	brown Brast paper around	~50 SF	Analyze Brast	
,	DAT-18-53	yellow filzing lass around	1	paper only	
<b>V</b>	BOI-18-54	HVAC duct (space 1-BM 11)	V	111	
	6-19-55	Gaskets	All gaskets	Analyze gashet	
	G-19-56		on process	only	
	6-19-57	<u> </u>	System Diarge		
	TSI -20-58	thermal system insulation	Process	Aralyze all TSI	
	TSI-20-59	small diameter straight run	System	materials on proces	
	TSI-20-40	<b>V</b>	times	system lines '	
	HJ-21-61	hard joint TSI small	1	1	
	1+1-21-62	drameter pipe			
	147-21-63	V .			
	TSI-12-64	thermal system insulation			
	+SI-22-65	medium drameter straight run	China China		
	T51-22-66	V			
	45-23-67	hard joint TSI medium			
	HJ-23-68	diameter pipe			
	45-23-69	7			
	TSI-24-70	thermal system insulation			
	TSI-24 -71	large diameter straight run		-	
	15T-24-72 HJ-25-73	, ,			
		hard joint TSI large	1		
	45-25-74	diameter pipe		İ	
	145-25-75	W.	V	4	
	FB-21e-76	bugellight red brick	~ 2,000 SF	Analyze brick	
	FB-26-77	0 0	1	Brily	
	FB-26-78	4	1		
	3				



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654\_PLM

**Date Received:** 8/3/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-1-1 - A	Streaked off-white floor tile & mastic #2; space 1, rm 5	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_1	tile				Dissolved
FT-1-1 - B	Streaked off-white floor tile & mastic #2; space 1, rm 5	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971654PLM_79	mastic				Dissolved
FT-1-2 - A	Streaked off-white floor tile & mastic #2; space 1, rm 5	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_2	tile				Dissolved
FT-1-2 - B	Streaked off-white floor tile & mastic #2; space 1, rm 5	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971654PLM_80	mastic				Dissolved
FT-1-3 - A	Streaked off-white floor tile & mastic #2; space 1, rm 5	Not Analyzed			
71971654PLM_3	tile - TEM				
FT-1-3 - B	Streaked off-white floor tile & mastic #2; space 1, rm 5	Not Analyzed			
71971654PLM_81	mastic - TEM				
FT-2-4 - A	12x12 Green camo floor tile & mastic; space 1 - rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1	3% Chrysotile		97% Other	Grayish, Green Non Fibrous Heterogeneous
71971654PLM_4	tile				Dissolved
FT-2-4 - B	12x12 Green camo floor tile & mastic; space 1 - rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1	None Detected		100% Other	Brown Non Fibrous Heterogeneous
71971654PLM_82	mastic				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%.

Jalen Moore (118)



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-2-5 - A	12x12 Green camo floor tile & mastic; space 1 - rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1	3% Chrysotile		97% Other	Grayish, Green Non Fibrous Heterogeneous
71971654PLM_5	tile	5% Chrysotile			Dissolved
FT-2-5 - B	12x12 Green camo floor tile & mastic; space 1 - rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1	None Detected		100% Other	Brown Non Fibrous Heterogeneous
71971654PLM_83	mastic				Dissolved
FT-2-6 - A	12x12 Green camo floor tile & mastic; space 1 - rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1	Not Analyzed			
71971654PLM_6	tile - TEM				
FT-2-6 - B	12x12 Green camo floor tile & mastic; space 1 - rms 2,3,7,8 space 2 - rm 10, space 3 - rm 1	Not Analyzed			
71971654PLM_84	mastic - TEM				
FT-3-7 - A	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_7	tile				Dissolved
FT-3-7 - B	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971654PLM_85	mastic				Dissolved
FT-3-8 - A	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_8	tile				Dissolved
FT-3-8 - B	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	None Detected		100% Other	Tan Non Fibrous Heterogeneous
	mastic	None Detected			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%.

Jalen Moore (118)



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



**Analysis ID:** 



71971654 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

**Project:** PPOE00521 Warehouse 11

Sample ID	Description	A albantan	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-3-9 - A	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	Not Analyzed			
71971654PLM_9	tile - TEM				
FT-3-9 - B	12x12 Streaked off white floor tile #1 & mastic; space 1 - rms 1,4 space 2 - rms 1,2	Not Analyzed			
71971654PLM_87	mastic - TEM				
FT-4-10 - A	12x12 Pink floor tile & mastic space 2 - rm 3	None Detected		100% Other	Pink Non Fibrous Heterogeneous
71971654PLM_10	tile				Dissolved
FT-4-10 - B	12x12 Pink floor tile & mastic space 2 - rm 3	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_88	mastic				Dissolved
FT-4-11 - A	12x12 Pink floor tile & mastic space 2 - rm 3	None Detected		100% Other	Pink Non Fibrous Heterogeneous
71971654PLM_11	tile				Dissolved
FT-4-11 - B	12x12 Pink floor tile & mastic space 2 - rm 3	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_89	mastic				Dissolved
FT-4-12 - A	12x12 Pink floor tile & mastic space 2 - rm 3	Not Analyzed			
71971654PLM_12	tile - TEM				
FT-4-12 - B	12x12 Pink floor tile & mastic space 2 - rm 3	Not Analyzed			
71971654PLM_90	mastic - TEM				

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%.

Jalen Moore (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

**Project:** PPOE00521 Warehouse 11

Sample ID	Description	A «I» ««4» «	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-5-13 - A	12x12 Streaked off-white floor tile #3 & mastic; space 2-9,11 space 3 - rms 3,4	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_13	tile				Dissolved
FT-5-13 - B	12x12 Streaked off-white floor tile #3 & mastic; space 2-9,11 space 3 - rms 3,4	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71971654PLM_91	mastic				Dissolved
FT-5-14 - A	12x12 Streaked off-white floor tile #3 & mastic; space 2-9,11 space 3 - rms 3,4	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_14	tile				Dissolved
FT-5-14 - B	12x12 Streaked off-white floor tile #3 & mastic; space 2-9,11 space 3 - rms 3,4	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71971654PLM_92	mastic - small sample				Dissolved
FT-5-15 - A	12x12 Streaked off-white floor tile #3 & mastic; space 2-9,11 space 3 - rms 3,4	Not Analyzed			
71971654PLM_15	tile - TEM				
FT-5-15 - B	12x12 Streaked off-white floor tile #3 & mastic; space 2-9,11 space 3 - rms 3,4	Not Analyzed			
71971654PLM_93	mastic - TEM				
MB-6-16	Black moisture barrier under floor tile space 3 - rms 3,4,5	None Detected	90% Cellulose	10% Other	Black Fibrous Heterogeneous
71971654PLM_16					Ashed
MB-6-17	Black moisture barrier under floor tile space 3 - rms 3,4,5	None Detected	90% Cellulose	10% Other	Black Fibrous Heterogeneous
71971654PLM_17					Ashed

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%.

Jalen Moore (118)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
MB-6-18	Black moisture barrier under floor tile space 3 - rms 3,4,5	Not Analyzed			
71971654PLM_18	TEM				
FT-7-19 - A	12x12 Speckled white floor tile & mastic space 2 - rms 6	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_19	tile				Dissolved
FT-7-19 - B	12x12 Speckled white floor tile & mastic space 2 - rms 6	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71971654PLM_94	mastic				Dissolved
FT-7-20 - A	12x12 Speckled white floor tile & mastic space 2 - rms 6	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_20	tile				Dissolved
FT-7-20 - B	12x12 Speckled white floor tile & mastic space 2 - rms 6	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71971654PLM_95	mastic				Dissolved
FT-7-21 - A	12x12 Speckled white floor tile & mastic space 2 - rms 6	Not Analyzed			
71971654PLM_21	tile - TEM				
FT-7-21 - B	12x12 Speckled white floor tile & mastic space 2 - rms 6	Not Analyzed			
			1		

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%.

3% Chrysotile

Jalen Moore (118)

Analyst

mastic - TEM

rm 4

9x9 Gray floor tile space 2 -

Approved Signatory

97% Other

71971654PLM 96

FT-8-22 - A

71971654PLM 22

Gray

Non Fibrous

Heterogeneous Dissolved



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM Date Received: 8/3/2021 **Date Reported:** 8/11/2021

**Project:** PPOE00521 Warehouse 11

Sample ID	Description	Aghagtag	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-8-22 - B	9x9 Gray floor tile space 2 - rm 4	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_97	mastic				Dissolved
FT-8-23 - A	9x9 Gray floor tile space 2 - rm 4	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_23	tile				Dissolved
FT-8-23 - B	9x9 Gray floor tile space 2 - rm 4	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_98	mastic				Dissolved
FT-8-24 - A	9x9 Gray floor tile space 2 - rm 4	Not Analyzed			
71971654PLM_24	tile - TEM				
FT-8-24 - B	9x9 Gray floor tile space 2 - rm 4	Not Analyzed			
71971654PLM_99	mastic - TEM				
FT-9-25 - A	Light brown 9x9 floor tile & mastic under camo floor tile space 3 - 1,2,5	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_25	tile				Dissolved
FT-9-25 - B	Light brown 9x9 floor tile & mastic under camo floor tile space 3 - 1,2,5	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_100	mastic				Dissolved
FT-9-26 - A	Light brown 9x9 floor tile & mastic under camo floor tile space 3 - 1,2,5	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71971654PLM_26	mastic 1				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%.

Jalen Moore (118)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A -14	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-9-26 - B	Light brown 9x9 floor tile & mastic under camo floor tile space 3 - 1,2,5	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
71971654PLM_101	tile				Dissolved
FT-9-26 - C	Light brown 9x9 floor tile & mastic under camo floor tile space 3 - 1,2,5	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_102	mastic 2				Dissolved
FT-9-27 - A	Light brown 9x9 floor tile & mastic under camo floor tile space 3 - 1,2,5	Not Analyzed			
71971654PLM_27	tile - TEM				
FT-9-27 - B	Light brown 9x9 floor tile & mastic under camo floor tile space 3 - 1,2,5	Not Analyzed			
71971654PLM_103	mastic - TEM				
CT-10-28	1x1 White wormhole ceiling tile space 2 - kitchen servicing area space 3 - bath 2	None Detected	70% Cellulose 20% Fiber Glass	10% Other	Gray Fibrous Heterogeneous
71971654PLM_28					Ashed
CT-10-29	1x1 White wormhole ceiling tile space 2 - kitchen servicing area space 3 - bath 2	None Detected	70% Cellulose 20% Fiber Glass	10% Other	Gray Fibrous Heterogeneous
71971654PLM_29					Ashed
CT-10-30	1x1 White wormhole ceiling tile space 2 - kitchen servicing area space 3 - bath 2	None Detected	70% Cellulose 20% Fiber Glass	10% Other	Gray Fibrous Heterogeneous
71971654PLM_30	1				Ashed
BBI-11-31	Black batt insulaton w/ pink fiberglass; space 1 - rms 1,4,5,12 space 2 - 8,11, space	None Detected	60% Cellulose 20% Fiber Glass	20% Other	Black Fibrous Heterogeneous
71971654PLM 31					Ashed

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 bestamine. For the liadary of the Lia Association, association in a many not be detected in samples obtained in the liadary of 
Jalen Moore (118)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM Date Received: 8/3/2021

**Date Reported:** 8/11/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
BBI-11-32	Black batt insulaton w/ pink fiberglass; space 1 - rms 1,4,5,12 space 2 - 8,11, space	None Detected	60% Cellulose 20% Fiber Glass	20% Other	Black Fibrous Heterogeneous
71971654PLM_32					Ashed
BBI-11-33	Black batt insulaton w/ pink fiberglass; space 1 - rms 1,4,5,12 space 2 - 8,11, space	Not Analyzed			
71971654PLM_33	TEM				
BBI-12-34	Black batt insulation w/ yellow fiberglass; space 1 - rms 2,3,7,8 space 2 - rms 1,2,3	None Detected	60% Cellulose 20% Fiber Glass	20% Other	Black Fibrous Heterogeneous
71971654PLM_34					Ashed
BBI-12-35	Black batt insulation w/ yellow fiberglass; space 1 - rms 2,3,7,8 space 2 - rms 1,2,3	None Detected	60% Cellulose 20% Fiber Glass	20% Other	Black Fibrous Heterogeneous
71971654PLM_35					Ashed
BBI-12-36	Black batt insulation w/ yellow fiberglass; space 1 - rms 2,3,7,8 space 2 - rms 1,2,3	Not Analyzed			
71971654PLM_36	TEM	•			
TB-13-37 -	4inch brown toeboards space 1 - mens bathroom/locker space 3 - bathroom 1	None Detected		100% Other	Brown Non Fibrous Heterogeneous
71971654PLM_37	toeboard				Ashed
ТВ-13-37 - В	4inch brown toeboards space 1 - mens bathroom/locker space 3 - bathroom 1	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971654PLM_104	mastic				Dissolved
 ГВ-13-38 - А	4inch brown toeboards space 1 - mens bathroom/locker space 3 - bathroom 1	None Detected		100% Other	Brown Non Fibrous Heterogeneous
· 1	4	1,0110 Detected			

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%.

Jalen Moore (118)

Approved Signatory

71971654PLM 38

Ashed



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TB-13-38 - B	4inch brown toeboards space 1 - mens bathroom/locker space 3 - bathroom 1	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971654PLM_105	mastic				Dissolved
TB-13-39 - A	4inch brown toeboards space 1 - mens bathroom/locker space 3 - bathroom 1	Not Analyzed			
71971654PLM_39	toeboard - TEM				
TB-13-39 - B	4inch brown toeboards space 1 - mens bathroom/locker space 3 - bathroom 1	Not Analyzed			
71971654PLM_106	mastic - TEM				
TB-14-40 - A	4inch black toeboards & mastic space 3 - bathroom 2	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_40	toeboard				Ashed
TB-14-40 - B	4inch black toeboards & mastic space 3 - bathroom 2	None Detected		100% Other	Brown Non Fibrous Heterogeneous
71971654PLM_107	mastic				Dissolved
TB-14-41 - A	4inch black toeboards & mastic space 3 - bathroom 2	None Detected		100% Other	Black Non Fibrous Heterogeneous
71971654PLM_41	toeboard				Ashed
TB-14-41 - B	4inch black toeboards & mastic space 3 - bathroom 2	None Detected		100% Other	Brown Non Fibrous Heterogeneous
71971654PLM_108	mastic				Dissolved
TB-14-42 - A	4inch black toeboards & mastic space 3 - bathroom 2	Not Analyzed			
71971654PLM_42	toeboard - TEM				

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%.

Jalen Moore (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM Date Received: 8/3/2021

**Date Reported:** 8/11/2021

**Project:** PPOE00521 Warehouse 11

Sample ID	Description	A ala saksa	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TB-14-42 - B	4inch black toeboards & mastic space 3 - bathroom 2	Not Analyzed			
71971654PLM_109	mastic - TEM				
FH-15-43	Canvas wrap fire house	None Detected	20% Cellulose	80% Other	Black Non Fibrous Heterogeneous
71971654PLM_43					Ashed
FH-15-44	Canvas wrap fire house	None Detected	20% Cellulose	80% Other	Black Non Fibrous Heterogeneous
71971654PLM_44	-				Ashed
FH-15-45	Canvas wrap fire house	None Detected	20% Cellulose	80% Other	Black Non Fibrous Heterogeneous
71971654PLM_45	-				Ashed
M-16-46	Mastic under porcelain floor tile in kitchen/cafeteria	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71971654PLM_46	no mastic present - cementitious material				Crushed
M-16-47	Mastic under porcelain floor tile in kitchen/cafeteria	None Detected		100% Other	Beige Non Fibrous Heterogeneous
71971654PLM_47	no mastic present - cementitious material				Crushed
M-16-48	Mastic under porcelain floor tile in kitchen/cafeteria	Not Analyzed			
71971654PLM_48	TEM				
VD-17-49	Vibration dampener around HVAC, space 1 - rm 11	None Detected	30% Synthetic Fibers	70% Other	Black Non Fibrous Heterogeneous
71971654PLM_49					Ashed

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%.

Jalen Moore (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

<b>Project:</b>	PPOE00521 Warehouse 11

Sample ID	Description	A I 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
VD-17-50	Vibration dampener around HVAC, space 1 - rm 11	None Detected	30% Synthetic Fibers	70% Other	Black Non Fibrous Heterogeneous
71971654PLM_50					Ashed
VD-17-51	Vibration dampener around HVAC, space 1 - rm 11	None Detected	30% Synthetic Fibers	70% Other	Black Non Fibrous Heterogeneous
71971654PLM_51					Ashed
BBI-18-52	Borwn kraft paper around yellow fiberglass around HVAC duct (space 1 - rm 11)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	Silver Fibrous Heterogeneous
71971654PLM_52					Ashed
BBI-18-53	Borwn kraft paper around yellow fiberglass around HVAC duct (space 1 - rm 11)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	Silver Fibrous Heterogeneous
71971654PLM_53					Ashed
BBI-18-54	Borwn kraft paper around yellow fiberglass around HVAC duct (space 1 - rm 11)	Not Analyzed			
71971654PLM_54	TEM				
G-19-55	Gaskets	60% Chrysotile		40% Other	Black Non Fibrous Heterogeneous
71971654PLM_55					Teased
G-19-56	Gaskets	None Detected	80% Cellulose	20% Other	Aqua Non Fibrous Heterogeneous
71971654PLM_56	1				Ashed
G-19-57	Gaskets	None Detected		100% Other	Red Non Fibrous Heterogeneous
71971654PLM_57					Ashed

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%.

Jalen Moore (118)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-20-58	Thermal system insulation small diameter straight run	None Detected	90% Cellulose	10% Other	Beige Fibrous Heterogeneous
71971654PLM_58	-				Ashed
TSI-20-59	Thermal system insulation small diameter straight run	None Detected	90% Cellulose	10% Other	Beige Fibrous Heterogeneous
71971654PLM_59	-				Ashed
ΓSI-20-60	Thermal system insulation small diameter straight run	None Detected	90% Cellulose	10% Other	Beige Fibrous Heterogeneous
71971654PLM_60	-				Ashed
HJ-21-61 - A	Hard joint TSI small diameter pipe	None Detected	90% Cellulose	10% Other	White Fibrous Heterogeneous
71971654PLM_61	wrap				Ashed
НЈ-21-61 - В	Hard joint TSI small diameter pipe	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971654PLM_110	insulation				Crushed
HJ-21-62 - A	Hard joint TSI small diameter pipe	None Detected	90% Cellulose	10% Other	White Fibrous Heterogeneous
71971654PLM_62	wrap				Ashed
HJ-21-62 - B	Hard joint TSI small diameter pipe	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971654PLM_111	insulation				Crushed
HJ-21-63 - A	Hard joint TSI small diameter pipe	None Detected	90% Cellulose	10% Other	White Fibrous Heterogeneous
71971654PLM_63	wrap				

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 bestamine. For the liadary of the Lia Association, association in a many not be detected in samples obtained in the liadary of 
Jalen Moore (118)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Sample ID	Description	A 1 .	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
НЈ-21-63 - В	Hard joint TSI small diameter pipe	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971654PLM_112	insulation				Crushed
TSI-22-64	Thermal system insulation medium diameter straight run	None Detected	80% Cellulose	20% Other	Orange Fibrous Heterogeneous
71971654PLM_64					Ashed
TSI-22-65	Thermal system insulation medium diameter straight run	None Detected	80% Cellulose	20% Other	Orange Fibrous Heterogeneous
71971654PLM_65					Ashed
TSI-22-66	Thermal system insulation medium diameter straight run	None Detected	80% Cellulose	20% Other	Orange Fibrous Heterogeneous
71971654PLM_66					Ashed
НЈ-23-67 - А	Hard joint TSI medium diameter pipe	None Detected	90% Cellulose	10% Other	Gray Fibrous Heterogeneous
71971654PLM_67	wrap				Ashed
НЈ-23-67 - В	Hard joint TSI medium diameter pipe	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971654PLM_113	insulation				Crushed
НЈ-23-68 - А	Hard joint TSI medium diameter pipe	None Detected	90% Cellulose	10% Other	Gray Fibrous Heterogeneous
71971654PLM_68	wrap				Ashed
НЈ-23-68 - В	Hard joint TSI medium diameter pipe	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971654PLM_114	insulation				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%.

Jalen Moore (118)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Project:	PPOE00521	Warehouse	11
Project:	PPOE00521	Warehouse	11

Sample ID	Description	A 1 /	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
НЈ-23-69 - А	Hard joint TSI medium diameter pipe	None Detected	90% Cellulose	10% Other	Gray Fibrous Heterogeneous
71971654PLM_69	wrap				Ashed
НЈ-23-69 - В	Hard joint TSI medium diameter pipe	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971654PLM_115	insulation				Crushed
TSI-24-70	Thermal system insulation large diameter straight run	None Detected	60% Cellulose	40% Other	Gray Fibrous Heterogeneous
71971654PLM_70					Ashed
TSI-24-71	Thermal system insulation large diameter straight run	None Detected	60% Cellulose	40% Other	Gray Fibrous Heterogeneous
71971654PLM_71					Ashed
TSI-24-72	Thermal system insulation large diameter straight run	None Detected	60% Cellulose	40% Other	Gray Fibrous Heterogeneous
71971654PLM_72					Ashed
НЈ-25-73 - А	Hard joint TSI larg diameter pipe	None Detected	90% Cellulose	10% Other	Gray Fibrous Heterogeneous
71971654PLM_73	wrap				Ashed
НЈ-25-73 - В	Hard joint TSI larg diameter pipe	None Detected	20% Fiber Glass	80% Other	Gray Non Fibrous Heterogeneous
71971654PLM_116	insulation				Crushed
НЈ-25-74 - А	Hard joint TSI larg diameter pipe	None Detected	90% Cellulose	10% Other	Gray Fibrous Heterogeneous
71971654PLM_74	wrap				Ashed

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%.

Jalen Moore (118)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 Warehouse 11

Beige/light red brick

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971654

**Analysis ID:** 71971654 PLM

Date Received: 8/3/2021 **Date Reported:** 8/11/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
НЈ-25-74 - В	Hard joint TSI larg diameter pipe	60% Chrysotile		40% Other	Gray Fibrous Heterogeneous
71971654PLM_117	insulation				Teased
НЈ-25-75 - А	Hard joint TSI larg diameter pipe	None Detected	90% Cellulose	10% Other	Gray Fibrous Heterogeneous
71971654PLM_75	wrap				Ashed
НЈ-25-75 - В	Hard joint TSI larg diameter pipe	60% Chrysotile		40% Other	Gray Fibrous Heterogeneous
71971654PLM_118	insulation				Teased
FB-26-76	Beige/light red brick	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971654PLM_76					Crushed
FB-26-77	Beige/light red brick	None Detected		100% Other	Tan Non Fibrous Heterogeneous
71971654PLM_77					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%.

**None Detected** 

Jalen Moore (118) Analyst

Approved Signatory

100% Other

FB-26-78

71971654PLM\_78

Tan

Non Fibrous

Crushed

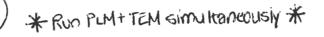
Heterogeneous



Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID: Client Code:	19711057
-----------------------------------------	----------

Company Con	ntact Information				Asbes	tos Test Typ	es
Company: GEL Ex	ryineering, LLC	Contact: RonS	namels	arah Brownin	PLM EPA 60	00/R-93/116 (PLM)	X
	Davage Road	Phone □: 842			Positive stop		
	ston, SC 29407		769-7		PLM Point C	Count 400 (PT4)	
	•	Email X: YOU'S	ald.sha	irpe@gel.com	PLM Point C	ount 1000 (PTM)	
						7400-A Rules (PCM)	
Billing/Invoice	e Information	5arah brau Turn Ar	ound ?	Гimes	B Rules (PC	CB) TWA (PT/	A) 🗆
Company:		90 Min.	48 Ho	ours 🗌	TEM AHER	A (AHE)	
Contact:	Same	3 Hours	72 H	ours 🗌	TEM Level I	I (LII)	
Address:	As	6 Hours	96 H	ours 🗌	TEM NIOSH	7402 (TNI)	
	Alouve	12 Hours 🔲	120 H	Iours 💢	TEM Bulk Q	ualitative (TBL)	
		24 Hours	144 <sup>+</sup> I	lours 🗌	TEM Bulk C	hatfield (TBS)	X
	44				TEM Bulk Q	uantitative (TBQ)	
PO Number:					TEM Wipe A	STM D6480-05	
Project Name/N	umber: PPOE00521	Warehou	se 11	(7/30/2)	TEM Microva	ac ASTM D5755-02	
~	$\sim$			طن ب	TEM Water E	EPA 100.2 (TW1)	
(1=1	* RUN PLM	TEM simulta	neous	ly *	Other:		
Cu				•			
Sample ID #	Descriptio	n/Location		Volume/A	rea	Comments	
FT-1-1	streamed off-un	whe floor tile	-tmagh	c ~ 216 5	= Anal	yze tile +	
Pt-1-2	#2: space 1,				mai		
		1 (1)(1)			11100	SAC	
PT-12-3	The state of the s	<u>F)(1)</u> J		1	11100	T	
PT-1-3 FT-2-4	12×12 green can		+	~ 1,300 S		120 tile 5	
FT-2-4 FT-2-5	12×12 green car	ro floor tile	+	~ 1,300 S		1/20 the t	
Pt-1-3 Ft-2-4 Ft-2-5 Ft-2-6	12×12 green car mastic; space 1	ro floor tile - Ams 2,3,7,8		~ 1,300 S	F Anal	1/20 the t	
- 4 (	12×12 green car Mestic; space 1 Space 2- Rm 10, 5	re floor tile - Ams 2,3,7,8 pace 3- Am 1	2	~1,300.5 ~640.5F	F Anal Mes	1/20 the t	4
- 4 (	12x12 green can Mestic; space 1 Space 2- Rm 10, 5 12x12 streaked	re floor tile -Ams 2,3,7,8 pace 3-Am 1,	2	1	F Anal Mas Ana	yze tile to	4
FT-3-7	12×12 green can Mestic; space 1 Space 2- Rm 10, 5 12×12 streaved tile #1 + mastic	- Ams 2,3,7,8 pace 3- Am 1, of white flo Space 1- Bmy	2	~640 SF	F Anal Mas Ana	yze tile t	4
FT-3-7	12x12 green can Mestic; space 1 Space 2- Rm 10, 5 12x12 streaked	- Ams 2,3,7,8 pace 3- Am 1, of white flo Space 1- Bmy	2	~640 SF	F Anal Mas Ana	yze tile to	4
FT-3-7	12×12 green can Mestic; space 1 Space 2- Rm 10, 5 12×12 streaved tile #1 + mastic	- Ams 2,3,7,8 pace 3- Am 1, of white flo Space 1- Bmy	2	~640 SF	F Anal Mas Ana	yze tile to	4
FT-3-7	12×12 green can Mestic; space 1 Space 2- Rm 10, 5 12×12 streaved tile #1 + mastic	- Ams 2,3,7,8 pace 3- Am 1, of white flo Space 1- Bmy	2	~640 SF	F Anal Mas - Ana - Ma	yze tile to	4
FT-2-6 FT-3-7 FT-3-8 FT-3-9	12×12 green can Mestic; Space 1 Space 2- Rm 10, 5 12×12 streamed tile #1 + mastic Space 2-2ms 1.	- Ams 2,3,7,8 pace 3- Am 1, of white flo Space 1- Bmy	2	~640 SF	F Anal Mess - Aner - Mess - Total #	yze tile t the Lyze tile stic	
FT-2-6 FT-3-7 FT-3-8 FT-3-9	12×12 green can Mestic; space 1 Space 2- Rm 10, 5 12×12 streaved Hile #1 + mastic Space 2- Bms 1.	no floor tile - Rms 2,3,7,8 pace 3- Rm 1, of white floor Space 1 - Rms 2	2	~640 SF	F Anal Mess - Aner - Mess - Total #	The file for the file of Samples 78	
FT-2-6 FT-3-7 FT-3-8 FT-3-9	12×12 green can Mestic; space 1 Space 2- Rm 10, 5 12×12 streaved Hile #1 + mastic Space 2- Bms 1.	re Hoor tile - Rms 2,3,7,8 pace 3- Rm 1, of white flo Space 1- Rms	2	~640 SF	F Anal Mess - Aner - Mess - Total #	The file for the file of Samples 78	
FT-2-6 FT-3-7 FT-3-8 FT-3-9	12×12 green can Mestic; space 1 Space 2- Rm 10, 5 12×12 streaved tile #1 & mastic Space 2- 2- 2ms 1,  wished by  ndervery  7/3	no floor tile - Rms 2,3,7,8 pace 3- Rm 1, of white floor Space 1 - Rms 2	2 07 1,4 Box	Received by	F Anal Mess - Aner - Mess - Total #	The file for the file of Samples 78	ne 3





#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com

lab@sailab.com

Lab Use Only / Lab Order ID: Client Code:

	Sample ID #	Specific Location	Volume/Area	Comments
	Ft-4-10	12×12 pink floor truet mastic	~100 SF	Avaluze Filet
	FT-4-11	Space 2- Bor 3		mastic
J	FT-4-12	¥	$\downarrow$	1
	Ft-5-13	12x12 streaked off-winte	~1,1005F	Avalyze Hlet
	PT-5-14	floor tile #3 + mastic;		Mastic
V	FT-5 -15	Space 2-9, 11 Space 3-13ms 3,4	<b>V</b>	V
	MR-6-16	black moisture barrier under	~5305F	Analyze maisture
	MB-62-17	floor the		Darrier only
$\checkmark$	MB-6-18	Space 3- Bms 3,4,5	Ψ	<u> </u>
	PT-7-19	12x12 specified write flow	~1105F	Analyze mastic
./	FT-7-20	tile + mastic	1	+ tile
~	FT-7-21	Space 2- Pinto	·V	Λ
	Fr-8-22	9x9 gray floor tile	~ 55 SF	Analye Har File
	FT-8 - 23	Space 2-Bm 4		+ meistic if present
~	FT-6-24		1 200 00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	FT-9-25	light brown 9x9 floor tile +	~700 SF	Analyze tile t
	FT-9-26	mastic under camo floor tile		mastic if present
7	FT-9 - 27	Space 3 - 1, 2, 5	<b>V</b>	¥
	Ct-10-28	1x1 write warmhole calling tile	~5705r	Anechyse ceiling
	CT-10-29	Space 2- witchen scrong area		tile only
	CT-10-30	Space 3- bath 2	1/2 112 (5)	And and back
	BDI-11-31		~3,000 SF	Analyze black
	BBI-11-32	taburglass; Spuce 1- Bms 1,4,5,12	1,	baff only
٧	BBF-11-33	Space 2-8.11, space 3-Bath 1	12 mmc.c	Analandia
}	RBI-12-34	black batt insulation wi yellow	~3,005F	Analyse black
	BBI-12-35	toberglass; Space 1-Bms 2,3,7,8	1	batt only
<b>V</b>	BBT-12-36	Space 2- 8ms 1,2,3	NIBOLF	Analyze tuckourd
	TB-13-37	So in he Mary is where military	100 1	& mestic if present
	TB-13-38 TB-13-39	Space 1- Mens hathroom liquer Space 3- bathroom	1	11 WAC IT PROBERT
	TB-14-40	4 inch black tochoards	~ COC LF	Analyze trebailed
	TB-14~41		1	t mastic
	TB-14-42	5 mastic Space 3 - bathroom 2		11.2031.2
Y	FH-15-43	carries wrop fire hise	fire luxes	Analyze fire
	FH-15-43	(MINA) MICH THE VANC	1	hose only
	FH-15 -45	<u></u>		I STATE OF THE STA
-	[H-13 49		•	***
l				Page <u>2</u> of <u>3</u>







#### Scientific Analytical Institute

4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com Lab Use Only
Lab Order ID:
Client Code:

Sample ID #	Specific Location	Volume/Area	Comments		
M-16-46	mastic under porcelain floor	~3.600 SF	Aralyze mustic		
M-16-47	tile in Kitchen Cafeteria	1	enigi		
M-16-48	1	1	1		
VD-17-49	Vibration dampener around	one dumpere	Analyze damper		
VD-17 - 50	HVAC, Space 1- Bm 11		only 1		
VD-17-51		4	, 1 1		
BDI-18-52	brown Kraft paper around	~50 SF	Analyze Krast		
DAT-18-53	yellow figurglass around		paper only		
BBT-16-54	HVAC duct (space 1-BM 11)	V	1 1		
6-19-55	Gaskets	All gaskets	Analyze gastret		
G-19-56	1	on process	only		
6-19-57	V	system flarge			
TSI-20-58	thermal system insulation	Process	Aralyze all TSI		
TSI-20-59	small drameter straight run	System	materials on pro		
TSI-20-60	<b>+</b>	tives	system lines		
HJ-21-61	hard joint TSI small				
HJ-21-62	drameter pipe				
HJ-21-63	V'				
TSI-12-64	thermal system insalation				
TSI-22-65	medium drameter straight run				
T51-22-66	V 3				
HJ-23-67	hard joint TSI medium				
HJ-23-68	diameter pipe				
HT-23-69	V				
TSI-24-70	thermal system insulation				
TSI-24-71	large diameter straight run				
TST-24-72	, T				
HJ-25-73	hard joint TSI large	1			
HJ-25-74	hard joint TSI large diameter pipe				
145-25-75	V .	V	1		
FB-26-76	buge light red brick	~ 2,000 SF			
FB-26-77 FB-26-78	0	1.	Brily		
FB-26-78	~	V	1		
			Page 3 of _		



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

Attn: Ron Sharpe

Lab Order ID:

71971813

Sarah Browning

**Analysis ID:** 

71971813 TB

**Date Received:** 

8/4/2021

**Project:** PPOE00521 - Warehouse 12 **Date Reported:** 8/9/2021

Sample ID	Description  Lab Notes	Organic	Acid Sol.	Asbestos (Wt. %)		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(WL %)	(Wt. %)
FT-1-3-a	12x12 Off white streaked floor tile & mastic (top layer) in space 1 & 2	23%	73%	1.5 %	Chrysotile	1.3% - 1.6%
71971813TBS_1	tile					
FT-1-3-b	12x12 Off white streaked floor tile & mastic (top layer) in space 1 & 2	45%	-	0.55 % Chrysotile		0.49% - 0.60%
71971813TBS_9	mastic					
FT-2-6-a	12x12 Brows specied floor tile & mastic (bottom layer) in space 1 & 2	40.%	51%	None Detected		
71971813TBS_2	tile					
FT-2-6-b	12x12 Brows specled floor tile & mastic (bottom layer) in space 1 & 2	43%	-	None Detected		
71971813TBS_10	mastic					
BBI-3-9	Pink fiberglass insulation w/ black batt on walls & ceiling in space 1 & 2	87%	_	None Detected		
71971813TBS_3						
EJ-4-12	Expansion joint on ext walls	34%	-		None Detected	
71971813TBS_4						

Disclaimer: 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.

Daniel Schwartz (12)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

Attn: Ron Sharpe

Lab Order ID:

71971813

Sarah Browning

**Analysis ID:** 

71971813 TB

**Date Received:** 

8/4/2021

Project:	PPOE00521 -	Warehouse 12

**Date Reported:** 8/9/2021

Sample ID	Description	Organic	Acid Sol.	F	LCL-UCL	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	(Wt. %)
FT-5-15-a	9x9 Brown streaked floor tile & mastic in space 5	21%	59%	19 %	Chrysotile	17% - 20.%
71971813TBS_5	tile					
FT-5-15-b	9x9 Brown streaked floor tile & mastic in space 5	31%	-	3.4 % Chrysotile		3.1% - 3.8%
71971813TBS_11	mastic					
WG-6-18		13%	82%	None Detected		
71971813TBS_12						
M-9-27	Med diameter pipe - mastic on hard joint & along brick wall (drain pipe on west wall)		1	1.3 %	Chrysotile	1.1% - 1.4%
71971813TBS_6						
C-13-39	Door caulk	30.%	_	None Detected		
71971813TBS_7						
G-15-45	Gaskets	41%	-		None Detected	
71971813TBS_8						

Disclaimer: 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.

Daniel Schwartz (12)

Analyst



#### Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407

Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

71971812	2
Lab Use Only Lab Order ID: Client Code:	

Company Con	itact Information	l				Asbestos 7	Test Typ	es
	gineering, LLC	Contact: Ren	Snamels	erah Bour	אליוו			X
	bavage Road	Phone □: &	431769-1	737E		Positive stop		
1	ston, SC 29407		31769-7			PLM Point Count 40	00 (PT4)	
		Email 🗶: γῦ	naid.sha	rpe@gel.0	СН	PLM Point Count 10	000 (PTM)	
			awaime	~		PCM NIOSH 7400-A	Rules (PCM)	
Billing/Invoice	Information		round I			B Rules (PCB)	TWA (PTA	() []
Company:		90 Min.	] 48 Ho	urs 🗌		TEM AHERA (AHE	E)	
Contact:	Same	3 Hours	72 Ho	urs 🗌		TEM Level II (LII)		
Address:	As	6 Hours	] 96 Ho	urs 🗌		TEM NIOSH 7402 (	TNI)	
	Alouve	12 Hours	] 120 H	ours 🗶		TEM Bulk Qualitativ	ve (TBL)	
		24 Hours	]   144 <sup>+</sup> H	lours 🗌		TEM Bulk Chatfield	(TBS)	X
						TEM Bulk Quantitat	ive (TBQ)	
PO Number:						TEM Wipe ASTM D	06480-05	
Project Name/Number: PPOF00521 ~ Warehouse 12			12		TEM Microvac AST	M D5755-02		
		8/2/21				TEM Water EPA 100	0.2 (TW1)	
v = TEM	* Run PLM+	TEM simultaneou	* yla			Other:		
Sample ID #	Descr	iption/Location		Volume/	Ar	ea Con	nments	
FT-1-1	12×12 Off White	Streaked Floor Tile.	+ Mastic	~468	SF	Analyze	tile*	
PT-1-2	(Tap layer) in spa					mastic		
FT-1-3	1			1		4		
FT-2-4	12 x12 Brows Soe	cled floor Tile +	Mastic	~468	SF	Anglyze	tile ti	
FT-2-5	(Bottom Layer) in	•		)		mastic		
FT-2-6		<b>V</b>		1		1		
BRI-3-7	Pint fiberalass	insulation w/blac	k batt	~ 1650	St	Analyze	black be	itt
BBI-3-8	on walls + ceiling	In Space 1 42	•	1		only		
BBI-3-9	~	1		1		1		
()								
						Total # of Sai	mples 54	
Relinqu	ijshed by	Date/Time	1	Received	by		Date/Tin	ne
Luce VI	nduron	8/3/21@0800/	D.M.	11.	i	211 1580	D .	
,				1 1 1 4				

Accepted P

Page of 3



TEM) \* RUN PLM+ TEM simultaneously \* 1/97/8/3



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only	
Lab Order ID:	
Client Code:	

Sample ID #	Specific Location	Volume/Area	Comments
EJ-4-10	Expansion joint on ext, walls	~ 8 Joints	Analyze joint only~
EJ-4-11			no cementious Materia
EJ-4-12	4	V	+
FT-5-13	9x9 Brown streated floor tile	~63 F	Analyze tile to
FT-5-14	+ mastic in Space 5		mastic.
FT-5-15		V	1
WG-6-16	Window glaze. 2 Windows in	2 Windows	Analyze glaze only
WG-6-17	space 5		
WG-6-18	1	1	<b>V</b>
TSI-7-19	Med diameter pipe-straight run	~7 vertical	Analyze tsi only
TSI-7-20	Orain pipe attached	drain pipes	/
TSI-7-21	to west wall	found on	
HJ-8-22	Med, digmeter-hard joint	West Wall	Anglyze tsionly
HJ-8-23	PIPE / Orain pipe attached		
HJ-8-24	to west wall		-0
M-9-25	Med diameter pipe - Mastic on		Analyze Mastic
M - 9 - 26	hard joint + glong brick wall		only
M-9-77	(Drain pipe on & west wall)	<b>V</b>	1
HJ-10-28	Small diameter fine-hard joint	Process System	Analyze tsionly
45-10-29		Lines	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
HJ-10-30	<b>V</b>	i	<b>V</b>
TST-11-31	Small digniter pipe straight run		Analyze tsi only
TSI-11-32			1
TST-11-33		1	V .
LDP-12-34	Logding dock pads	22 Lathing HCS	Analyze pads only
60P-17-35	1	Loading dock	1
LNP-12-36	, and the second	pads observed	
C-13-37	Door caulk	1 Extenor	Analyze caulk only
C-13-38	NOCT STATE	Door	i i
C-13-39	1	7	•
FH-14-40	Fire hose	1 Fire hose	Analyze hose only
CH-14-41	1	observed	Anoige those only
FH-14-47		l l	
6-13-43	Gaskets	all gaskets	Analyze gasket
-	04344 >	observed on fine	
6-15-44		1.	
10T-11-111	Med don too sing Stricktown	All process	Analyze tsi only
TST-16-46	Med digmeter pipe - Straight run		TIMINE ISTONY
TSI-16-47	<u> </u>	system lines	Page <u>2</u> of <u>3</u>



Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only / Lab Order ID: Client Code:

Sample ID #	Coording Location	1	
Sample ID #	Specific Location	Volume/Area	Comments
TS1-16-48	Med dia pipe - Straight run Med diameter pipe - Hand joint	system lines	
HJ -17-49	Med diameter pipe- Hard joint	All process	Analyze to only
HJ - 14 - 50	1	system lines	/ /
HU-17-51		, ,	V
CC-18-52	Cloth curtain hanging from ceiling in Middle of Warehouse 12	200 SF	Analyze cioth only
CC-18-53	in Middle of Warehouse 12		
CC-18-54	Y	4	<u> </u>
	- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		
*****			
			Page 2 of 3



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 **Attn:** Ron Sharpe Sarah Browning

**Lab Order ID:** 71971812

**Analysis ID:** 71971812\_PLM

**Date Received:** 8/4/2021 **Date Reported:** 8/16/2021

D	DDOE00501	337 1	10
Project:	PPOE00521	- Warehouse	12

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-1-1 - A	12x12 Off white streaked floor tile & mastic (top layer) in space 1 & 2	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971812PLM_1	tile				Crushed, Dissolved
FT-1-1 - B	12x12 Off white streaked floor tile & mastic (top layer) in space 1 & 2	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971812PLM_55	mastic				Dissolved
FT-1-2 - A	12x12 Off white streaked floor tile & mastic (top layer) in space 1 & 2	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971812PLM_2	tile				Crushed, Dissolved
FT-1-2 - B	12x12 Off white streaked floor tile & mastic (top layer) in space 1 & 2	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971812PLM_56	mastic				Dissolved
FT-1-3	12x12 Off white streaked floor tile & mastic (top layer) in space 1 & 2	Not Analyzed			
71971812PLM_3	TEM				
FT-2-4	12x12 Brows specled floor tile & mastic (bottom layer) in space 1 & 2	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971812PLM_4	tile only				Crushed, Ashed
FT-2-5 - A	12x12 Brows specled floor tile & mastic (bottom layer) in space 1 & 2	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971812PLM_5	tile				Crushed, Ashed
FT-2-5 - B	12x12 Brows specled floor tile & mastic (bottom layer) in space 1 & 2	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971812PLM_57	mastic				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 Davide (59)



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971812

**Analysis ID:** 71971812 PLM

Date Received: 8/4/2021 **Date Reported:** 8/16/2021

Sample ID	Description	A ala auta a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-2-6	12x12 Brows specled floor tile & mastic (bottom layer) in space 1 & 2	Not Analyzed			
71971812PLM_6	TEM				
BBI-3-7	Pink fiberglass insulation w/black batt on walls & ceiling in space 1 & 2	None Detected	70% Cellulose	30% Other	Black, Brown Fibrous Heterogeneous
71971812PLM_7					Teased, Dissolved
BBI-3-8	Pink fiberglass insulation w/black batt on walls & ceiling in space 1 & 2	None Detected	70% Cellulose	30% Other	Black, Brown Fibrous Heterogeneous
71971812PLM_8	-				Teased, Dissolved
BBI-3-9	Pink fiberglass insulation w/ black batt on walls & ceiling in space 1 & 2	Not Analyzed			
71971812PLM_9	TEM				
EJ-4-10	Expansion joint on ext walls	None Detected		100% Other	White Non Fibrous Homogeneous
71971812PLM_10	-				Crushed, Ashed
EJ-4-11	Expansion joint on ext walls	None Detected		100% Other	White Non Fibrous Homogeneous
71971812PLM_11	-				Crushed, Ashed
EJ-4-12	Expansion joint on ext walls	Not Analyzed			
71971812PLM_12	TEM	·			
FT-5-13 - A	9x9 Brown streaked floor tile & mastic in space 5	5% Chrysotile		95% Other	Brown Non Fibrous Homogeneous
71971812PLM_13	tile				Crushed, 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 Davide (59)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971812

**Analysis ID:** 71971812 PLM

Date Received: 8/4/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 12

Sample ID	Description	A T 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-5-13 - B	9x9 Brown streaked floor tile & mastic in space 5	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971812PLM_58	mastic				Dissolved
FT-5-14 - A	9x9 Brown streaked floor tile & mastic in space 5	5% Chrysotile		95% Other	Brown Non Fibrous Homogeneous
71971812PLM_14	tile				Crushed, Dissolved
FT-5-14 - B	9x9 Brown streaked floor tile & mastic in space 5	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971812PLM_59	mastic				Dissolved
FT-5-15	9x9 Brown streaked floor tile & mastic in space 5	Not Analyzed			
71971812PLM_15	TEM				
WG-6-16	Window glaze 2 windows in space 5	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971812PLM_16	1				Crushed
WG-6-17	Window glaze 2 windows in space 5	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971812PLM_17					Crushed
WG-6-18	Window glaze 2 windows in space 5	Not Analyzed			
71971812PLM_18	TEM				
TSI-7-19	Med diameter pipe - straight run (drain pipe attached to west wall)	None Detected	98% Cellulose	2% Other	Beige, Brown Fibrous Heterogeneous
71971812PLM_19	1				Teased, 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%.

Heather Davide (59)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 - Warehouse 12

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971812

**Analysis ID:** 71971812 PLM

Date Received: 8/4/2021 **Date Reported:** 8/16/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Sample ID Lab Notes	Asbestos	Components	Components	Treatment
TSI-7-20	Med diameter pipe - straight run (drain pipe attached to west wall)	None Detected	98% Cellulose	2% Other	Beige, Brown Fibrous Heterogeneous
71971812PLM_20	1				Teased, Crushed
TSI-7-21	Med diameter pipe - straight run (drain pipe attached to west wall)	None Detected	98% Cellulose	2% Other	Beige, Brown Fibrous Heterogeneous
71971812PLM_21					Teased, Crushed
НЈ-8-22	Med diameter pipe - hard joint (drain pipe attached to west wall)	None Detected	95% Cellulose	5% Other	White, Brown Fibrous Heterogeneous
71971812PLM_22	_				Teased, Crushed
НЈ-8-23	Med diameter pipe - hard joint (drain pipe attached to west wall)	None Detected	95% Cellulose	5% Other	White, Beige, Black Fibrous Heterogeneous
71971812PLM_23					Teased, Crushed
НЈ-8-24	Med diameter pipe - hard joint (drain pipe attached to west wall)	None Detected	95% Cellulose	5% Other	White, Beige Fibrous Heterogeneous
71971812PLM_24	1				Teased, Crushed
M-9-25	Med diameter pipe - mastic on hard joint & along brick wall (drain pipe on west wall)	6% Chrysotile		94% Other	Black Non Fibrous Homogeneous
71971812PLM_25					Dissolved
M-9-26	Med diameter pipe - mastic on hard joint & along brick wall (drain pipe on west wall)	6% Chrysotile		94% Other	Black Non Fibrous Homogeneous

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%.

**Not Analyzed** 

Heather Davide (59)

Analyst

Med diameter pipe - mastic on hard joint & along brick wall

(drain pipe on west wall)

TEM

**Approved Signatory** 

71971812PLM 26

71971812PLM 27

M-9-27

Dissolved



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971812

**Analysis ID:** 71971812 PLM

Date Received: 8/4/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 12

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
НЈ-10-28	Small diameter pipe - hard joint	None Detected	40% Fiber Glass 15% Cellulose	45% Other	Gray, White Fibrous Heterogeneous
71971812PLM_28					Teased, Crushed
НЈ-10-29	Small diameter pipe - hard joint	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous
71971812PLM_29					Teased, Crushed
НЈ-10-30	Small diameter pipe - hard joint	5% Chrysotile		95% Other	Gray Fibrous Heterogeneous
71971812PLM_30	-				Teased, Crushed
TSI-11-31	Small diameter pipe - straight run	None Detected	90% Cellulose	10% Other	Beige, Brown Fibrous Heterogeneous
71971812PLM_31	1				Teased, Crushed
TSI-11-32	Small diameter pipe - straight run	None Detected	90% Cellulose	10% Other	Beige, Brown Fibrous Heterogeneous
71971812PLM_32	1				Teased, Crushed
TSI-11-33	Small diameter pipe - straight run	None Detected	90% Cellulose	10% Other	Beige, Brown Fibrous Heterogeneous
71971812PLM_33	1				Teased, Ashed
LDP-12-34	Loading dock pads	None Detected	60% Synthetic Fibers	40% Other	Black Non Fibrous Homogeneous
71971812PLM_34	1				Crushed, Dissolved
LDP-12-35	Loading dock pads	None Detected	60% Synthetic Fibers	40% Other	Black Non Fibrous Homogeneous
71971812PLM_35	1				Crushed, 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 Davide (59)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971812

**Analysis ID:** 71971812 PLM

Date Received: 8/4/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 12

Sample ID	Description	A ala sada a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
LDP-12-36	Loading dock pads	None Detected	60% Synthetic Fibers	40% Other	Black Non Fibrous Homogeneous
71971812PLM_36					Crushed, Dissolved
C-13-37	Door caulk	None Detected		100% Other	Brown, White Non Fibrous Homogeneous
71971812PLM_37					Crushed, Ashed
C-13-38	Door caulk	None Detected		100% Other	Brown, White Non Fibrous Homogeneous
71971812PLM_38					Crushed, Ashed
C-13-39	Door caulk	Not Analyzed			
71971812PLM_39	TEM				
FH-14-40	Fire hose	None Detected	15% Synthetic Fibers	85% Other	Red Non Fibrous Homogeneous
71971812PLM_40					Crushed, Ashed
FH-14-41	Fire hose	None Detected	15% Synthetic Fibers	85% Other	Red Non Fibrous Homogeneous
71971812PLM_41					Crushed, Ashed
FH-14-42	Fire hose	None Detected	15% Synthetic Fibers	85% Other	Red Non Fibrous Homogeneous
71971812PLM_42					Crushed, Ashed
G-15-43	Gaskets	None Detected		100% Other	Black Non Fibrous Homogeneous
71971812PLM_43					Crushed, Ashed

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 Davide (59)

Analyst

P-F-002 r15 1/16/2021



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971812

**Analysis ID:** 71971812 PLM

Date Received: 8/4/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 12

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
G-15-44	Gaskets	None Detected		100% Other	Black Non Fibrous Homogeneous
71971812PLM_44					Crushed, Ashed
G-15-45	Gaskets	Not Analyzed			
71971812PLM_45	TEM				
TSI-16-46	Med diameter pipe - straight run	None Detected	90% Cellulose	10% Other	Beige, Gray Fibrous Heterogeneous
71971812PLM_46	1				Teased, Crushed
TSI-16-47	Med diameter pipe - straight run	None Detected	90% Cellulose	10% Other	Beige, Gray Fibrous Heterogeneous
71971812PLM_47					Teased, Crushed
TSI-16-48	Med diameter pipe - straight run	None Detected	90% Cellulose	10% Other	Beige, Gray Fibrous Heterogeneous
71971812PLM_48					Teased, Crushed
НЈ-17-49	Med diameter pipe - hard joint	20% Chrysotile		80% Other	Gray, White Fibrous Heterogeneous
71971812PLM_49					Teased, Crushed
НЈ-17-50	Med diameter pipe - hard joint	20% Chrysotile		80% Other	Gray, White Fibrous Heterogeneous
71971812PLM_50					Teased, Crushed
НЈ-17-51	Med diameter pipe - hard joint	20% Chrysotile		80% Other	Gray, White Fibrous Heterogeneous
71971812PLM_51	†				Teased, 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%.

Heather Davide (59)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971812

**Analysis ID:** 71971812\_PLM

**Date Received:** 8/4/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 12

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
CC-18-52	Cloth curtain hanging from ceiling in middle of warehouse 12	None Detected	98% Cellulose	2% Other	Brown, Black Fibrous Heterogeneous
71971812PLM_52					Teased
CC-18-53	Cloth curtain hanging from ceiling in middle of warehouse 12	None Detected	98% Cellulose	2% Other	Brown, Black Fibrous Heterogeneous
71971812PLM_53					Teased
CC-18-54	Cloth curtain hanging from ceiling in middle of warehouse 12	None Detected	98% Cellulose	2% Other	Brown, Black Fibrous Heterogeneous
71971812PLM_54					Teased

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 Davide (59)



## Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407

Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

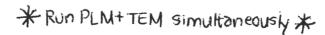
Lab Order ID: 1918 V Client Code:
-----------------------------------

Company Con	tact Information				Asbestos Test Type	es
	gineering, LLC	Contact: RenSin	areksiiah	Bourne	PLM EPA 600/R-93/116 (PLM)	X
	evage Road	Phone □: 843/769-7378			Positive stop	
	oten, SC 29407	Fax []: 843/769-7397			PLM Point Count 400 (PT4)	
		Email X: (CV)		1 1	PLM Point Count 1000 (PTM)	
		5aran brown		9 1 1	PCM NIOSH 7400-A Rules (PCM)	
Billing/Invoice	Information	Turn Aro			B Rules (PCB) TWA (PTA	() [
Company:		90 Min.	48 Hours		TEM AHERA (AHE)	
Contact:	Same	3 Hours	72 Hours		TEM Level II (LII)	
Address:	AS	6 Hours	96 Hours		TEM NIOSH 7402 (TNI)	
	Alorve	12 Hours	120 Hours	X	TEM Bulk Qualitative (TBL)	
		24 Hours	144 <sup>+</sup> Hours		TEM Bulk Chatfield (TBS)	X
					TEM Bulk Quantitative (TBQ)	
PO Number:					TEM Wipe ASTM D6480-05	
Project Name/Nu	1521~ Ware	~ Warehouse 12 TEM Microvac ASTM D5755-02 [				
		8/2/21			TEM Water EPA 100.2 (TW1)	
	* Run PLM+ TEM S		×.		Other:	
v = TEM	* Kin DINT IEM S	imilitzaen Ki				
	A. North C.	TO CONTROLL	<i>/</i>			
Sample ID #	Description/			lume/Are	ea Comments	
		Location	Vol	lume/Are	ea Comments Analyze tile *	
Sample ID#	Description/1 12×12 Off White Streak	Location ed Floor Tile + M	Vol			
Sample ID #	Description/l	Location ed Floor Tile + M	Vol		Analyze tile +	
Sample ID #	Description/1 12×12 Off White Streak (Top layor) in space 1 + 2	Location ed Flor Tile + M	Vol		Analyze tile +	
Sample ID#  FT-1-1  FT-1-2  FT-1-3	Description/1 12×12 Off White Streak (Tap layer) in space 1 + 2	Location  ed Floor Tile + M  Floor Tile + Max	Vol	468 SF	Analyze tile * mastic	
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5	Description/1 12×12 Off White Streak (Top layor) in space 1 + 2	Location  ed Floor Tile + M  Floor Tile + Max	Vol	468 SF	Analyze tile i mastic  Analyze tile t	
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  RRI-3-7	Description/1 12×12 Off White Streak (Tap layer) in space 1 + 2 12×12 Brows Specled 1 (Bottom Layer) in Space	Location  ed Floor Tile + M  Floor Tile + Ma  1 + 2	Vol	468 SF	Analyze tile i mastic  Analyze tile to mastic	att
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  RRI-3-7	Description/1 12×12 Off White Streak (Top layer) in space 1 + 2 12×12 Brows Specled 1 (Bottom Layer) in Space Pink fiberalass insula	Location  Led Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1	Vol	468 SF 468 SF	Analyze tile i mastic  Analyze tile to mastic	att
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  BBI-3-7  BBI-3-8	Description/1 12×12 Off White Streak (Tap layer) in space 1 + 2 12×12 Brows Specled 1 (Bottom Layer) in Space	Location  Led Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1	Vol	468 SF 468 SF	Analyze tile i mastic  Analyze tile to mastic  Analyze black be	att
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  RRI-3-7	Description/1 12×12 Off White Streak (Top layer) in space 1 + 2 12×12 Brows Specled 1 (Bottom Layer) in Space Pink fiberalass insula	Location  Led Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1	Vol	468 SF 468 SF	Analyze tile i mastic  Analyze tile to mastic  Analyze black be	att
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  BBI-3-7  BBI-3-8	Description/1 12×12 Off White Streak (Top layer) in space 1 + 2 12×12 Brows Specled 1 (Bottom Layer) in Space Pink fiberalass insula	Location  Led Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1	Vol	468 SF 468 SF	Analyze tile i mastic  Analyze tile t  Mastic  Analyze tile t  Mastic  Analyze black be only	att
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  BBI-3-7  BBI-3-8	Description/1 12×12 Off White Streak (Top layer) in space 1 + 2 12×12 Brows Specled 1 (Bottom Layer) in Space Pink fiberalass insula	Location  Led Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1	Vol	468 SF 468 SF	Analyze tile i mastic  Analyze tile to mastic  Analyze black be	att
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  BBI-3-7  BBI-3-8  BBI-3-9	Description/1 12×12 Off White Streak (Top layer) in space 1 + 2 12×12 Brows Spected 1 (Bottom Layer) in space Pint fiberglass insulation walks + ceiling in second	Location  Led Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1	volumetric ~	468 SF 468 SF	Analyze tile + mastic  Analyze tile + mastic  Analyze black be only  Total # of Samples 54	
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  RBI-3-7  BBI-3-8  BBI-3-9  Relinque	Description/1  12×12 Off White Streak  (Tap layer) in space 1 + 2  12×12 Brows spected 1  (Bottom Layer) in space  Pint fiberglass insulation walls + ceiling in second se	Location  ed Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1  space 1 + 2	volumetric ~	468 sf 468 sf 1650 sf	Analyze tile + mastic  Analyze tile + mastic  Analyze black be only  Total # of Samples 54	
Sample ID#  FT-1-1  FT-1-2  FT-1-3  FT-2-4  FT-2-5  FT-2-6  RBI-3-7  BBI-3-8  BBI-3-9  Relinque	Description/1  12×12 Off White Streak  (Tap layer) in space 1 + 2  12×12 Brows Specled  (Bottom Layer) in Space  Pink fiberglass insulation walk + ceiling in second	Location  ed Floor Tile + M  Floor Tile + M  1 + 2  tion w/black 1  space 1 & 2  e/Time	volumetric ~	468 sf 468 sf 1650 sf	Analyze tile + mastic  Analyze tile + mastic  Analyze black be only  Total # of Samples 54	

Accepted D

Page of 3





11971812



## Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

	•	 		
Lab Use Only Lab Order ID: Client Code: _			_	

	Sample ID #	Specific Location	Volume/Area	Comments
	EJ-4-10	Expansion joint on ext walls	~ 8 points	Analyze joint only~
./	可-4-11			no cementions Material
V	EJ-4-12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V	Ý
	FI-5-13	9x9 Brown streaked floor tile	~63,F	Analyze tile t
	FT-5-14	+ mastic in Space 5		mastic
	F1-5-15	111 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	V	4
	WG-6-16	Window glaze, 2 Windows in	2 Windows	Analyze glaze only
	WG-6-17	space 5		
	WG-6-19 TSI -7-19	M I diserte a la lita	V	V
	TSI-7-20	Med diameter pipe-straight run	~7 vertical	Analyze tsi only
	TSI-7-21	Orain fire attached		
	HJ-8-22	Med divited last (and	found on	1. 1
	HT-8-23	Med. diameter-hard joint life / Orain pipe attached)	West Wall	Analyze tsionly
	HJ -8-24	to west well		
	M-9-25	Med diameter pipe-Mastic on		Analyze Mastic
	M-9-26	hard joint + along brick wall		on 10
	M-9-27	(Drain pipe on I west wall)	<b>1</b>	
	HJ-10-29	Small diameter fipe - hard joint	Drocess System	Analyze tsionly
	45-10-29		Lines	1
	HJ-10-30	<u> </u>	ì	<b>V</b>
	TST-11-31	Small dianter pipe straight run		Analyze tsi only
	TSI-11-32	V		
	TST-11-33	<u> </u>	4	V
	LDP-12-34	Loading dock pads	22 Lotting HCS	Analyze pads only
	LDP-12-35		Loading dock	, , ,
	LDP-12-36		pads observed	
	· C - 13 - 37	Door caulk	1 Extenor	Analyze caulk only
	C-13-38		Door	Ì
1	C-13-39	<u> </u>	15:1	<b>V</b>
	FH-14-40	Fire hose	1 Fire hose	Analyze hose only
	FH-14-41		observed	
	FH-14-42	*	(A)	<b>V</b>
	6-15-43	Gaskets	all gaskets	Analyze gasket
	6-15-44		observed on fine	
	6-15-45	4 2 2 6 4	department pipes	Analys to
	TSI-16-46	Med digneter pipe - Straight run	All process	Analyze tsi only
	TSI-16-47	<u> </u>	system lines	Page 2 of 3



## Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

www.sailab.com lab@sailab.com

11	971812
Lab Use Only Lab Order ID: Client Code: _	

Sample ID #	Specific Location	Volume/Area	Comments
TSI-16-48	Med dia pipe - Straight run	system lines	Analyze tsi only
HJ-17-49	Med dig pipe - Straight run Med digmeter pipe - Hard joint	All process	Analyze to only
HJ-12-50	The state of the s	system lines	MAILY ZE IS ONLY
40-17-51		343141111111	//
CC-18-52	Cloth cuctors hanging from coaling	200 SE	Academa addina
CC-18-53	Cloth curtain hanging from ceiling in Middle of Warehouse 12	200 31	Analyze cloth only
CC-18-54	MI MICHE OF WAREHOUSE IN		<b>1</b>
<u> </u>		<u> </u>	



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

Attn: Ron Sharpe

Lab Order ID:

71971950

Sarah Browning

**Analysis ID:** 

71971950 TB

**Date Received:** 

8/6/2021

**Date Reported:** 

8/13/2021

Project:	PPOE00521 - Warehouse 13
----------	--------------------------

Sample ID  Lab Sample ID	Description  Lab Notes	Organic	Acid Sol.	Asbestos (Wt. %)		LCL-UCL
FT-3-9-a	12x12 Beige floor tile #1 on east exterior wall	30.%	21%	30. %	Chrysotile	27% - 33%
71971950TBS_1	tile					
FT-3-9-b	12x12 Beige floor tile #1 on east exterior wall	56%	-	0.44 % Chrysotile		0.39% - 0.48%
71971950TBS_20	mastic					
BBI-5-15	Yellow BBI behind walls in space 2, rms 3,4,5	85%	-		None Detected	
71971950TBS_2						
BBI-6-18	Pink BBI behind walls and/or above ceilings in all space 2, space 4-rm 1, space 6, space 9-rms 3,4,5	88%	-		None Detected	
71971950TBS_3						
TB-7-21-a	4" Brown toeboard w/ mastic all of space 2 & space 3	46%	-		None Detected	
71971950TBS_4	toeboard					
TB-7-21-b	4" Brown toeboard w/ mastic all of space 2 & space 3	31%	_		None Detected	
71971950TBS_21	mastic					

Disclaimer: 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.

Daniel Schwartz (31)

Analyst



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

Attn: Ron Sharpe

Lab Order ID:

71971950

Sarah Browning

**Analysis ID:** 

71971950 TB

**Date Received:** 

8/6/2021

**Project:** PPOE00521 - Warehouse 13

**Date Reported:** 8/13/2021

Sample ID	Description	Organic	Acid Sol.	A	LCL-UCL	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
FT-9-27-a	Cream 12x12 FT w/ mastic space 2 rooms 1 & 2, space 3	30.%	70.%	0.0055 %	Chrysotile	0.0049% - 0.0060%
71971950TBS_5	tile					
FT-9-27-a	Cream 12x12 FT w/ mastic space 2 rooms 1 & 2, space 3	56%	-	0.44 %	Chrysotile	0.39% - 0.48%
71971950TBS_22	mastic					
DC-10-30	Door caulk in vent rm #2 & rm #3	20.%	-	0.80 % 0.80 %	Chrysotile Anthophyllite	0.72% - 0.88% 0.72% - 0.88%
71971950TBS_6						
BBI-12-36	Brown kraft paper around yellow fiberglass around HVAC duct space 3	94%	-		None Detected	
71971950TBS_7						
M-15-45	Mastic under porcelain faux brick tile (space 4, rooms 1&2)	15%	-		None Detected	
71971950TBS_8						
TB-16-48-a	4" Black toeboard w/ mastic (space 5) & space 9, rm 3&5	32%	_		None Detected	
71971950TBS_9	toeboard					

Disclaimer: 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.

Daniel Schwartz (31)

**Approved Signatory** 

Analyst

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe Sarah Browning Lab Order ID:

71971950

Charleston, SC 29407

71971950 TB

**Date Received:** 

**Analysis ID:** 

8/6/2021

**Project:** PPOE00521 - Warehouse 13

**Date Reported:** 8/13/2021

Sample ID	Description	Organic	Acid Sol.	A	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	(Wt. %)
TB-16-48-b	4" Black toeboard w/ mastic (space 5) & space 9, rm 3&5	83%	-	None Detected		
71971950TBS_23	mastic					
TB-18-54-a	4" Black #2 toeboard (space &, room 1) & space 9, rm 7	34%	-		None Detected	
71971950TBS_10	toeboard					
TB-18-54-b	4" Black #2 toeboard (space &, room 1) & space 9, rm 7	43%	-		None Detected	
71971950TBS_24	mastic					
WG-20-60	Window Glaze	12%	88%		None Detected	
71971950TBS_30						
FT-23-75-a	12x12 Black FT & mastic in space 9, 1,2,3	22%	78%		None Detected	
71971950TBS_11	tile			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
FT-23-75-b	12x12 Black FT & mastic in space 9, 1,2,3	55%	-	0.45 %	Chrysotile	0.40% - 0.49%
71971950TBS_25	mastic					

Disclaimer: 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.

Daniel Schwartz (31)

Analyst

**Approved Signatory** 

T-F-010 r15 1/15/2018

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971950

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971950 TB

**Date Received:** 

8/6/2021

**Project:** PPOE00521 - Warehouse 13

**Date Reported:** 8/13/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Organic	Acid Sol.	Asbestos (Wt. %)		LCL-UCL (Wt. %)
FT-24-78-a	12x12 Off white FT w/ mastic in space 9, rms 4,5,6,8,9	32%	68%	None Detected		
71971950TBS_12	tile					
FT-24-78-b	12x12 Off white FT w/ mastic in space 9, rms 4,5,6,8,9	85%	-	0.15 %	Chrysotile	0.13% - 0.16%
71971950TBS_26	mastic					
FT-25-81-a	12x12 Beige FT #2 w/ mastic (middle layer space 9-rm 10)	23%	53%	0.48 %	Chrysotile	0.43% - 0.52%
71971950TBS_13	tile					
FT-25-81-b	12x12 Beige FT #2 w/ mastic (middle layer space 9-rm 10)	46%	-		None Detected	
71971950TBS_27	mastic					
FT-26-84-a	9x9 Tan FT w/ mastic (3rd/bottom layer space 9-rm 10) & space 9, rm 2 (only layer)	48%	-		None Detected	
71971950TBS_14	mastic 1					
FT-26-84-b	9x9 Tan FT w/ mastic (3rd/bottom layer space 9-rm 10) & space 9, rm 2 (only layer)	38%	16%	0.46 %	Chrysotile	0.42% - 0.51%
71971950TBS_28	tile					

Disclaimer: 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.

Daniel Schwartz (31)

Analyst



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971950

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971950 TB

**Date Received:** 

8/6/2021

**Project:** PPOE00521 - Warehouse 13

**Date Reported:** 8/13/2021

Sample ID	Description  Lab Notes	Organic	Acid Sol.	A	Asbestos	LCL-UCL	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	(Wt. %)	
FT-26-84-c	9x9 Tan FT w/ mastic (3rd/bottom layer space 9-rm 10) & space 9, rm 2 (only layer)	50.%	-		None Detected		
71971950TBS_31	mastic 2						
FT-27-87-a	9x9 Brown FT w/ mastic (2nd/bottom layer space 9, rm 1&9)	25%	11%		None Detected		
71971950TBS_15	tile						
FT-27-87-b	9x9 Brown FT w/ mastic (2nd/bottom layer space 9, rm 1&9)	68%	-	9.7 %	Chrysotile	8.7% - 11%	
71971950TBS_29	mastic						
DM-29-93	White ductwork mastic on HVAC ducts in space 9 above ceiling	43%	-		None Detected		
71971950TBS_16							
BBI-30-96	Tan BBI (space 9-rms 1&9) behind wood-panels	94%	_		None Detected		
71971950TBS_17							
C-40-126	Exterior caulk along door frame(s), vents, & overhang on east side (white)	75%	-		None Detected		
71971950TBS_18							

Disclaimer: 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.

Daniel Schwartz (31)

Analyst

**Approved Signatory** 

T-F-010 r15 1/15/2018



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

PPOE00521 - Warehouse 13

Attn: Ron Sharpe

Lab Order ID:

71971950

Sarah Browning

**Analysis ID:** 

71971950 TB

**Date Received:** 

8/6/2021

**Date Reported:** 

8/13/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)
C-41-129	Exterior caulk (silver) on west side door frame entrance	78%		None Detected	
71971950TBS_19					

Disclaimer: 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.

Daniel Schwartz (31)



Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only / Lab Order ID:	9	11928
Client Code:		

Company Con	tact Information	1			Asbestos Test Ty	oes
Company: GEL En	gineering, LLC			erah Bowning	PLM EPA 600/R-93/116 (PLM)	X
Address: 2040 S	bavage Road	Phone : E	43 769-1	7378	Positive stop	
Charle	ston, SC 29407		131769-7		PLM Point Count 400 (PT4)	
	· · · · · · · · · · · · · · · · · · ·	Email X: 10	onald.sha	rpe@gel.com	PLM Point Count 1000 (PTM)	
		Sarah b	rounimec	PLCCH	PCM NIOSH 7400-A Rules (PCM)	
Billing/Invoice	<b>Information</b>	Turn A	Around T	limes	B Rules (PCB) TWA (PT	A) 🗌
Company:		90 Min.	48 Ho	urs 🗌	TEM AHERA (AHE)	
Contact:	Same	3 Hours	72 Ho	urs 🗌	TEM Level II (LII)	
Address:	AS	6 Hours	] 96 Ho	urs 🗌	TEM NIOSH 7402 (TNI)	
	Alouve	12 Hours	] 120 H	ours 🗶	TEM Bulk Qualitative (TBL)	
		24 Hours	]   144 <sup>+</sup> H	lours 🗌	TEM Bulk Chatfield (TBS)	X
					TEM Bulk Quantitative (TBQ)	
PO Number:					TEM Wipe ASTM D6480-05	
Project Name/Nu	ımber: PP	0E00521 - War		3	TEM Microvac ASTM D5755-02	
		(8/3 F 8/4/	(21)		TEM Water EPA 100.2 (TW1)	
1 5000	¥ 21	in PLMTTEM sim		-1. V	Other:	
	<b>A N N</b>	III LM FIEM SIM	いいけわぐつぐつい			
V=TEM	T				······································	
Sample ID#	Descr	iption/Location		Volume/Ar		
	Descr					Dard
	Descrit God Cemont Boo	iption/Location		Volume/Ar		Dard
	Cemont Boo	iption/Location and in Space 1		Volume/Ar	F Analyze comently Only	Dard
	Descrit God Cemont Boo	iption/Location and in Space 1		Volume/Ar ~ 1150 S	F Analyze comently Only	
	Cemont Boo	iption/Location and in Space 1		Volume/Ar	F Analyze cemently Only	
	Cement Book	iption/Location and in Space 1 ceiling	Walls	Volume/Ar  ~ 1 50 S  All fire ho found	F Analyze cemently Only  sec Analyze hose or	
	Cement Book	iption/Location and in Space 1	Walls	Volume/Ar ~ 1150 S	F Analyze comently Only sec Analyze inose or	
	Cement Book	iption/Location  and in Space 1  ceiling  Floor Tile	Walls	Volume/Ar  ~ 1 50 S  All fire ho found	F Analyze cemently Only  sec Analyze hose or	nly
	Cement Book Fire Hose  12x12 Beige	iption/Location  and in Space 1  ceiling  Floor Tile	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comento  only  sec Analyze nose or  Analyze til  t Mastic	nly
	Cement Book Fire Hose  12x12 Beige	iption/Location  and in Space 1  t ceiling  Floor Tile *  Twall	Walls	Volume/Ar  ~ 1 50 S  All fire ho found	Analyze comento  only  sec Analyze nose or  Analyze til  t Mastic	nly
	Fire Hose  12x12 Beige on East exterior	iption/Location  and in Space 1  t ceiling  Floor Tile *  Twall	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comention Only  sec Analyze inose or  Analyze til  t Mastic  Analyze all la	e iyers
	Fire Hose  12x12 Beige on East exterior	iption/Location  and in Space 1  reclung  Floor Tile * rwall  n Insulation on	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comento  only  sec Analyze nose or  Analyze til  t Mastic	e iyers
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior	iption/Location  and in Space 1  reclung  Floor Tile * rwall  n Insulation on	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comention Only  Sec Analyze incse or  Analyze till  + Mastic  V  Total # of Samples 120	nly e
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior  Thormal System fan V	iption/Location  and in Space 1  regulary  Floor Tile *  rwall  n Insulation on  (cont'd on Pg 2)	Walls	Volume/Ar  NISOS  All five ho found  ISOSE  180SF	Analyze comention Only  Sec Analyze inose or  Analyze inose or  Analyze all la  Total # of Samples 120  Date/Til  Ol. 11301	nly e
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior  Thormal System fan V	iption/Location  and in Space 1  regulary  Floor Tile *  rwall  n Insulation on  (cont'd on Pg 2)  Date/Time	Walls	Volume/Ar  NISOS  All five ho found  ISOSE  180SF	Analyze comention Only  Sec Analyze inose or  Analyze inose or  Analyze all la  Total # of Samples 120	nly e
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior  Thormal System fan V	iption/Location  and in Space 1  regulary  Floor Tile *  rwall  n Insulation on  (cont'd on Pg 2)  Date/Time	Walls	Volume/Ar  NISOS  All five ho found  ISOSE  180SF	Analyze comention Only  Sec Analyze inose or  Analyze inose or  Analyze all la  Total # of Samples 120  Date/Til  Ol. 11301	lyers





Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

Lab Use Only / Lab Order ID:	1971938
Client Code:	

WWW.sallab.com

V=TEM \* Run PLM+TEM simultaneously\*

	Sample ID#	Specific Location	Volume/Area	Comments
	TSI-4-12	Thermal System Insulation (prev page)	~180 SF	Analyze all layers
	BBI-5-13	Yellow BBI behind walls in	~320SF	Analyze black
	BBI-5-14	Space 2, RMS 3, 4, 5		batt only
V	BBL-5-15	W.	Ψ	<b>V</b>
	BBI-6-16	Pink BBI behind walk andler	~ 5,8505F	
	BRJ - 6 - 17	above ceilings in All Space 2, Space 4-		boilt only
4	BPT-6-18	RM1, Space 16, Space 9-RM63, 4, 5	Ψ	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	TB-7-19	4" Brown toe board w/mastic	~ 500LF	Analyze toe board
	TB-+-20	All of Space 2+ Space3		+ mastic only
4	TB-+-21	W .	<b>V</b>	4 /
	CM-8 - 22	Cement thin set under Porcelain	~ 9005F	Analyze cement
	CM-8- 23	faux brick tile in All of Space 2		material only
	CM-8-24	Minus RMSV1+2	<b>V</b>	
	FT-9-25	Cream 12 x 12 FW/ mastic	~1,245SF	Analyze tile t
	/FT-9-26	Space 2 Rooms 1+2, Space 3		mastic
4	FT-9-27	<u> </u>	V	
	DC 10 - 28	Door caulk in went rm #2	16 total doors	Analyze callk only
	AC-10-29	+ Rm#3	<u> </u>	<u>'</u>
1	DC-10-30	ſ.	Ψ	V
	cT-11-31	IXI Smooth ceiling tile in	~1,100 SF	Analyze Ceiling
	CT-11-32	Space 3		tile only
	CT - 11 - 33	4	<u> </u>	V'
	BBI - 17 - 34	Brown kraft paper amound yellow	~300 Sf	Analyze Kraft
	RBI -12-35	fiberglass ground HVAC duct		paper only
	BBT-12-36	Space 3		1 1
	CT-13-37	IXI Swirl CT (Space 4, room 1)	~740 SF	Analyze ceiling
Į	CT-13-38	İ		tile only
	CT-13-31	<b>V</b>	<b>/</b>	
	CT-14-40	2x4 Wormhole CT (Space 4, room2)	~2,2005F	Analyze ceiling
	CT-14-41	+ Space 9 -> RMS 3, 4, 5		tile only
	CT-14 - 47	· · · · · · · · · · · · · · · · · · ·	*	L.
	M-15-43	Mastic under porcelain faux brick	~ 980 SF	Analyze mastic
	M-15-44	tile (Space 4, rooms 1+2)	1	only
J	M-15-45		<b>V</b>	<b>1</b>
	TR-16-46	4" Black toeboard w/mastic	~ 180 LF	Analyze toeboard
	JB-16-47	(Space S) + Space 9, RM3+5		+ mastic
V	TB-16-48	1	Ψ	
_		·		Page of



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only.	197	1928
Client Code:		

\* Run PLM+TEM simultaneously \*

	Sample ID #	Specific Location	Volume/Area	Comments
	5-17-49	Textured surfacing on ceiling	512 SF	Analyze surfacing
	S-17-50	in space 5		only
	5-17-51	<u> </u>	₩	/ /
	TB-18-52	4 Black #2 toe board	F	Analyze toe board
/	118-18-53	(Space 7, Room 1)+	110	& mastic
	MTB-18-54	Space 9, RM7 L	<b>\</b>	1
	CW - 19 - 55	Canuas wrap on rectangular	200 SF	Analyze canvas
	CW-19-56	AHU upstairs adjacent to Space 7		wrop only
	CW-19-57	,	¥ .	
	WG-20-58	Window glaze - (space 8 between)	2 Windows	Analyze window
	WG-20-59	(rooms/t2)		glaze only
	WG-20-60	<b>V</b>	1	4
	PC-21-61	Popcorn Ceiling (all space 2)	N11665F	Analyze popcorn
	PC-21-62		ĺ	ceiling only
	PC-21-63			7
	PC-21-64			
	PC-21-65	4	<b>V</b>	<b>V</b>
	DW-22-66	Drywall & joint compound	~5100sf	Analytic drywall,
	DW-22-67	All space 2, Space 6; Space 4-	i	+ joint compound
	DW-22-64	room 2 (2 walls only), Space 9-		
	DW-22-69	mom 3 (I wall), Space 9-rooms		
	NW-22-70	(1 wall)		
	DW-22-71			
	DW-22-72	<b>V</b>	<b>V</b>	V
	FT-23-73	12×12 Black FT+ mastic.	~	Analyze floor tile
	FT-23-74	in Space 9, 1,2,3	1,300 SF	+ mastic
/	FT-23-75	•	•	
-	FT-74-76	12x12 Off White FT w/mastic	N 1,750SF	Analyze floor tile
	FT-24-97	in Space 9, RMS 4, 5, 6, 8, 9		+ mastic
	FT-24-78	<b>V S</b>	<u> </u>	•
	FT-25-79	12x12 Beigo FTZW/ mastic	~ 108 SF	Analyze floor tile
	FT-25-80	(Middle laver Space 9-rm 10)		t mastic
1	FT-25-81	1	1	V
	FT-26-82	9x9 tan FT W/ Mastic	~ 950sf	Analyze floor tile
	FT-26-83	(3rd/bottom laver Space 9-rm10)		+ mastic
	FT-26-84	+ Space 9, RM 2 (only layer)	4	1
	FT-27-85	9x9 Brown FT W/mastic	~ 8005F	Analyze floor tile
	FT-27-86	(2m/hottom layer Space 9, RM 1+9)		1 macti
/	FT-27-69	, , , , , , , , , , , , , , , , , , ,	4	Page 3 of 5
	27 - 31	•		A-F-022 EXP: 2/4/2021



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only / Lab Order ID: _ Client Code:	9

\* Run PLM+ TEM simultaneously \*

	Sample ID #	Specific Location	Volume/Area	Comments
	VD-28-88	Vibration dampener on HVAC unit	1 Unit observed	Analyze vibration
	VD-28-89	Space 9-rm3		dampener only
	10 20	L L	Ψ	· \ /
	DM-29-91	White ductwork mastic on	~1005F	Analyze mastic
	DM-29-42	HVAC ducts in Space 9 above		only.
V	DM - 24-43	v ceiting	<b>V</b>	1 V 0m - 1
	BB1-30-94	Tan BBI - (Space 9 - rms 1+9)	N 6755F	Analyze BBI only
./	BBI-30-95	behind wood-panels		/
V	ED 21-07	Fire Brick, Red (Machine Pits)	8100 SF	A long Rock make
	FB-31-98	The once, rea chadine this	1	Analyze Brick only
	FB-31-99			
	FB -32 - 100	Fire Brick, Tan (Walls up)t	14,500 sf	Analyze Brickonly
	FB-32-101	townstains)	1,5000	I BITCH ONLY
	FB-37-102		4	. •
	TSI-33-103	Thermal system insulation, Large	Steam Pipes	Analyze all layers
	TSI-33-104	dia pipe, straight run		present '
	7sI-33-10S	<i>y</i>		
	TSI -34-106	Thermal system insulation, med.		
	TSI -34-107	dia pipe, straight run		
	151-34-108	7		
	TSI-35-109	Thermal system insulation, med		
	1SI-35-110	dia pipe; hard joints		
	TSI-36-112	The and suctor in substitution lives		
	TSI-36-112 TSI-36-113	Thermal system insulation, large		
	TSI-36-114	dia pipe, hard joints		
	TSI -37 -115	Thormal System insulation, small		
	TST-27-16	dia pipes, straight runs + hard		
	TSI-37-117	10.45	4	
	TSI-38-118	Thermal System Insulation, Hard	All other process	5
	TSI-38-119	joint on all other process	System pipes	
Ì	751-38-120	Systems . V		
	TSI -39 -121	Thermal System Insulation, Straigh	t	
ļ	TSI-39 - 122	run on all other process		
	TSL-39-123	systems.	<u> </u>	<u> </u>
	C-40-124	Exterior cauly along door frame(s),	~ 90 LF	Analyze caulhonly
إ	, C- 40-125	vents, verhang on East side		Page 4 of 5
<b>/</b>	C- 40- 126	(white) V	₹	A-F-022 EXP: 2/4/2021



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

		0	11978
Lab ( Lab ( Clien	Эı	der	ID:

* Run PLM+ TEM simultane	osly	/米
--------------------------	------	----

Sample ID #	Specific Location	Volume/Area	Comments
C-41-177	Exterbr cault (silver) on west side door frame entrance	~ 20 LF	Analyze Caulk only
C-41-128 C-41-129	side door frame entrance,		
C-41-129	4	1	<b>V</b>
	`		
	·		



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM Date Received: 8/6/2021

**Date Reported:** 8/16/2021

Project:	PPOE00521 -	- Warehouse	13
	110000521	vv ai ciiousc	10

Sample ID	Description	A 1 /	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CB-1-1	Cement board in space 1 walls & ceiling	15% Chrysotile		85% Other	Gray Non Fibrous Homogeneous
71971938PLM_1	_				Crushed
CB-1-2	Cement board in space 1 walls & ceiling	15% Chrysotile		85% Other	Gray Non Fibrous Homogeneous
71971938PLM_2	_				Crushed
CB-1-3	Cement board in space 1 walls & ceiling	15% Chrysotile		85% Other	Gray Non Fibrous Homogeneous
71971938PLM_3	-				Crushed
FH-2-4	Fire hose	None Detected	60% Cellulose 20% Synthetic Fibers	20% Other	Black, Tan Fibrous Heterogeneous
71971938PLM_4	-		·		Ashed
FH-2-5	Fire hose	None Detected	60% Cellulose 20% Synthetic Fibers	20% Other	Black, White Fibrous Heterogeneous
71971938PLM_5					Ashed
FH-2-6	Fire hose	None Detected	60% Cellulose 20% Synthetic Fibers	20% Other	Black, White Fibrous Heterogeneous
71971938PLM_6					Ashed
FT-3-7 - A	12x12 Beige floor tile #1 on East exterior wall	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971938PLM_7	tile				Dissolved
FT-3-7 - B	12x12 Beige floor tile #1 on East exterior wall	2% Chrysotile		98% Other	Black Non Fibrous Homogeneous
71971938PLM_130	mastic				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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938\_PLM **Date Received:** 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-3-8 - A	12x12 Beige floor tile #1 on East exterior wall	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971938PLM_8	tile				Dissolved
FT-3-8 - B	12x12 Beige floor tile #1 on East exterior wall	2% Chrysotile		98% Other	Black Non Fibrous Homogeneous
71971938PLM_131	mastic				Dissolved
FT-3-9	12x12 Beige floor tile #1 on East exterior wall	Not Analyzed			
71971938PLM_9	TEM				
TSI-4-10 - A	Thermal system insulation on vaneaxial fan	25% Chrysotile		75% Other	Grayish Non Fibrous Heterogeneous
71971938PLM_10	insulation				Dissolved
TSI-4-10 - B	Thermal system insulation on vaneaxial fan	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_132	wrap				Ashed
TSI-4-11 - A	Thermal system insulation on vaneaxial fan	25% Chrysotile		75% Other	Grayish Non Fibrous Heterogeneous
71971938PLM_11	insulation				Dissolved
TSI-4-11 - B	Thermal system insulation on vaneaxial fan	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_133	wrap				Ashed
TSI-4-12 - A	Thermal system insulation on vaneaxial fan	25% Chrysotile		75% Other	Grayish Non Fibrous Heterogeneous
71971938PLM_12	insulation				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%.

Yanelis Delgado (174)



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A ala a 4 a a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-4-12 - B	Thermal system insulation on vaneaxial fan	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_134	wrap				Ashed
BBI-5-13	Yellow BBI behind walls in space 2, rms 3m4,5	None Detected	60% Cellulose	40% Other	Brown, Black Fibrous Heterogeneous
71971938PLM_13					Ashed
BBI-5-14	Yellow BBI behind walls in space 2, rms 3m4,5	None Detected	60% Cellulose	40% Other	Brown, Black Fibrous Heterogeneous
71971938PLM_14					Ashed
BBI-5-15	Yellow BBI behind walls in space 2, rms 3m4,5	Not Analyzed			
71971938PLM_15	TEM				
BBI-6-16	Pink BBI behind walls and/or above ceiling in all space 2, space 4-rm1, space 6, space 9-	None Detected	60% Cellulose	40% Other	Black, Brown Fibrous Heterogeneous
71971938PLM_16					Ashed
BBI-6-17	Pink BBI behind walls and/or above ceiling in all space 2, space 4-rm1, space 6, space 9-	None Detected	60% Cellulose	40% Other	Black, Brown Fibrous Heterogeneous
71971938PLM_17					Ashed
BBI-6-18	Pink BBI behind walls and/or above ceiling in all space 2, space 4-rm1, space 6, space 9-	Not Analyzed			
71971938PLM_18	TEM				
TB-7-19 - A	4" Brown toeboard w/ mastic all of space 2 & space 3	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_19	baseboard				Ashed

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%.

Yanelis Delgado (174)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

Project:	PPOE00521 - Warehouse 13

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestus	Components	Components	Treatment
TB-7-19 - B	4" Brown toeboard w/ mastic all of space 2 & space 3	8% Chrysotile		92% Other	Yellow, Cream Non Fibrous Heterogeneous
71971938PLM_135	mastic/leveling compound				Crushed, Dissolved
TB-7-20 - A	4" Brown toeboard w/ mastic all of space 2 & space 3	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_20	baseboard				Ashed
TB-7-20 - B	4" Brown toeboard w/ mastic all of space 2 & space 3	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971938PLM_136	mastic				Ashed
TB-7-21	4" Brown toeboard w/ mastic all of space 2 & space 3	None Detected	10% Synthetic Fibers	90% Other	Gray Non Fibrous Homogeneous
71971938PLM_21	-				Crushed
CM-8-22	Cement thin set under porcelain faux brick tile in all of space 2 minus rms 1 & 2	None Detected	10% Synthetic Fibers	90% Other	Gray Non Fibrous Homogeneous
71971938PLM_22					Crushed
CM-8-23	Cement thin set under porcelain faux brick tile in all of space 2 minus rms 1 & 2	None Detected	10% Synthetic Fibers	90% Other	Gray Non Fibrous Homogeneous
71971938PLM_23	-				Crushed
CM-8-24	Cement thin set under porcelain faux brick tile in all of space 2 minus rms 1 & 2	None Detected	10% Synthetic Fibers	90% Other	Gray Non Fibrous Homogeneous
71971938PLM_24					Crushed
FT-9-25 - A	Cream 12x12 FT w/ mastic space 2 rooms 1 & 2, space 3	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971938PLM_25	tile				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%.

Yanelis Delgado (174)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 - Warehouse 13

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes		Components		Treatment
FT-9-25 - B	Cream 12x12 FT w/ mastic space 2 rooms 1 & 2, space 3	None Detected		100% Other	Yellow, Gray Non Fibrous Heterogeneous
71971938PLM_137	mastic/leveling compound				Crushed, Dissolved
FT-9-26 - A	Cream 12x12 FT w/ mastic space 2 rooms 1 & 2, space 3	None Detected		100% Other	Cream Non Fibrous Homogeneous
71971938PLM_26	tile				Dissolved
FT-9-26 - B	Cream 12x12 FT w/ mastic space 2 rooms 1 & 2, space 3	None Detected		100% Other	Yellow, Gray Non Fibrous Heterogeneous
71971938PLM_138	mastic/leveling compound				Dissolved, Crushed
FT-9-27	Cream 12x12 FT w/ mastic space 2 rooms 1 & 2, space 3	Not Analyzed			
71971938PLM_27	TEM				
DC-10-28	Door caulk in vent rm #2 & rm #3	None Detected	15% Wollastonite	85% Other	White Non Fibrous Homogeneous
71971938PLM_28					Crushed
DC-10-29	Door caulk in vent rm #2 & rm #3	None Detected	15% Wollastonite	85% Other	White Non Fibrous Homogeneous
71971938PLM_29					Crushed
DC-10-30	Door caulk in vent rm #2 & rm #3	Not Analyzed			
71971938PLM_30	TEM	·			
CT-11-31	1x1 Smooth ceiling tile in space 3	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_31			10% riber Glass		Ashed

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%.

Yanelis Delgado (174)

Analyst



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



**Analysis ID:** 



71971938 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CT-11-32	1x1 Smooth ceiling tile in space 3	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_32					Ashed
CT-11-33	1x1 Smooth ceiling tile in space 3	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_33					Ashed
BBI-12-34	Brown kraft paper around yellow fiberglass around HVAC duct space 3	None Detected	60% Cellulose	40% Other	Brown, Black Fibrous Heterogeneous
71971938PLM_34	-				Ashed
BBI-12-35	Brown kraft paper around yellow fiberglass around HVAC duct space 3	None Detected	60% Cellulose	40% Other	Brown, Black Fibrous Heterogeneous
71971938PLM_35	1				Ashed
BBI-12-36	Brown kraft paper around yellow fiberglass around HVAC duct space 3	Not Analyzed			
71971938PLM_36	TEM				
СТ-13-37	1x1 Swirl CT (space 4, room 1)	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_37	-				Ashed
CT-13-38	1x1 Swirl CT (space 4, room 1)	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_38	1				Ashed
CT-13-39	1x1 Swirl CT (space 4, room 1)	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_39					Ashed

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%.

Yanelis Delgado (174)

Analyst



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



**Analysis ID:** 



71971938 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CT-14-40	2x4 Wormhole CT (space 4, room 2) & space 9 - rms 3,4,5	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_40					Ashed
CT-14-41	2x4 Wormhole CT (space 4, room 2) & space 9 - rms 3,4,5	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_41					Ashed
CT-14-42	2x4 Wormhole CT (space 4, room 2) & space 9 - rms 3,4,5	None Detected	60% Mineral Wool 10% Fiber Glass	30% Other	Gray Fibrous Homogeneous
71971938PLM_42	-				Ashed
M-15-43	Mastic under porcelain faux brick tile (space 4, rooms 1 & 2)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_43	-				Dissolved
M-15-44	Mastic under porcelain faux brick tile (space 4, rooms 1 & 2)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971938PLM_44	-				Dissolved
M-15-45	Mastic under porcelain faux brick tile (space 4, rooms 1 & 2)	Not Analyzed			
71971938PLM_45	TEM				
TB-16-46 -	4" Black toeboard w/ mastic (space 5) & space 9, rm 3&5	None Detected		100% Other	Black Non Fibrous Homogeneous
71971938PLM_46	baseboard				Ashed
TB-16-46 - B	4" Black toeboard w/ mastic (space 5) & space 9, rm 3&5	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_139	mastic				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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A -14	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TB-16-47 - A	4" Black toeboard w/ mastic (space 5) & space 9, rm 3&5	None Detected		100% Other	Black Non Fibrous Homogeneous
71971938PLM_47	baseboard				Ashed
TB-16-47 - B	4" Black toeboard w/ mastic (space 5) & space 9, rm 3&5	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_140	mastic				Dissolved
TB-16-48	4" Black toeboard w/ mastic (space 5) & space 9, rm 3&5	Not Analyzed			
71971938PLM_48	TEM				
S-17-49	Textured surfacing on ceiling in space 5	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_49					Crushed
S-17-50	Textured surfacing on ceiling in space 5	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_50					Crushed
S-17-51	Textured surfacing on ceiling in space 5	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_51					Crushed
TB-18-52 - A	4" Black #2 toeboard (space 7, ro0m 1) & space 9, rm 7	None Detected		100% Other	Black Non Fibrous Homogeneous
71971938PLM_52	baseboard				Ashed
TB-18-52 - B	4" Black #2 toeboard (space 7, ro0m 1) & space 9, rm 7	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_141	mastic				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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	- Asbestos Compo	Components	Components	Treatment
TB-18-53 - A	4" Black #2 toeboard (space 7, ro0m 1) & space 9, rm 7	None Detected		100% Other	Black Non Fibrous Homogeneous
71971938PLM_53	baseboard				Ashed
TB-18-53 - B	4" Black #2 toeboard (space 7, ro0m 1) & space 9, rm 7	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_142	mastic				Dissolved
TB-18-54	4" Black #2 toeboard (space 7, ro0m 1) & space 9, rm 7	Not Analyzed			
71971938PLM_54	TEM				
CW-19-55	Canvas wrap on rectangular AHU upstairs adjacent to space 7	None Detected	60% Cellulose	40% Other	White Fibrous Heterogeneous
71971938PLM_55	-				Ashed
CW-19-56	Canvas wrap on rectangular AHU upstairs adjacent to space 7	None Detected	60% Cellulose	40% Other	White Fibrous Heterogeneous
71971938PLM_56					Ashed
CW-19-57	Canvas wrap on rectangular AHU upstairs adjacent to space 7	None Detected	60% Cellulose	40% Other	White Fibrous Heterogeneous
71971938PLM_57					Ashed
WG-20-58	Window glaze - (space 8 between rooms 1&2)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971938PLM_58					Crushed
WG-20-59	Window glaze - (space 8 between rooms 1&2)	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971938PLM_59					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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A ale auto a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
WG-20-60	Window glaze - (space 8 between rooms 1&2)	Not Analyzed			
71971938PLM_60	TEM				
PC-21-61	Popcorn ceiling (all space 2)	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_61					Crushed
PC-21-62	Popcorn ceiling (all space 2)	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_62	-				Crushed
PC-21-63	Popcorn ceiling (all space 2)	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_63	-				Crushed
PC-21-64	Popcorn ceiling (all space 2)	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_64	-				Crushed
PC-21-65	Popcorn ceiling (all space 2)	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_65	-				Crushed
DW-22-66 - A	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_66	drywall				Crushed
DW-22-66 - B	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_143	joint compound				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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 **Attn:** Ron Sharpe Sarah Browning

**Lab Order ID:** 71971938

Analysis ID: 71971938\_PLM Date Received: 8/6/2021

**Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A ala a 4 a a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
DW-22-67 - A	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_67	drywall				Crushed
DW-22-67 - B	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_144	joint compound				Crushed
DW-22-68 - A	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_68	drywall				Crushed
DW-22-68 - B	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_145	joint compound				Crushed
DW-22-69 - A	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_69	drywall				Crushed
DW-22-69 - B	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_146	joint compound				Crushed
DW-22-70 -	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_70	drywall				Crushed
DW-22-70 - B	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_147	joint compound				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%.

Yanelis Delgado (174)



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
DW-22-71 - A	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_71	drywall				Crushed
DW-22-71 - B	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_148	joint compound				Crushed
DW-22-72 -	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_72	drywall				Crushed
DW-22-72 - B	Drywall & joint compound all space 2, space 6, space 4-room 2 (2 walls only), space 9-room	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_149	joint compound				Crushed
unlabeled bag - A		None Detected	10% Cellulose	90% Other	White Non Fibrous Homogeneous
71971938PLM_151	drywall - not on coc				Crushed
unlabeled bag - B		None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_152	joint compound - not on coc				Crushed
FT-23-73 - A	12x12 Black FT & mastic in space 9, 1,2,3	None Detected		100% Other	Black Non Fibrous Homogeneous
71971938PLM_73	tile				Dissolved
FT-23-73 - B	12x12 Black FT & mastic in space 9, 1,2,3	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971938PLM_150	mastic				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%.

Yanelis Delgado (174)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 - Warehouse 13

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

Sample ID	Description	A shostes Fibrous	Non-Fibrous	Attributes	
Lab Sample ID	Lab Notes			Components	Treatment
FT-23-74 - A	12x12 Black FT & mastic in space 9, 1,2,3	None Detected		100% Other	Black Non Fibrous Homogeneous
71971938PLM_74	tile				Dissolved
FT-23-74 - B	12x12 Black FT & mastic in space 9, 1,2,3	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971938PLM_153	mastic				Dissolved
FT-23-75	12x12 Black FT & mastic in space 9, 1,2,3	Not Analyzed			
71971938PLM_75	TEM				
FT-24-76 - A	12x12 Off white FT w/ mastic in space 9, rms 4,5,6,8,9	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971938PLM_76	tile				Dissolved
FT-24-76 - B	12x12 Off white FT w/ mastic in space 9, rms 4,5,6,8,9	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971938PLM_154	mastic				Dissolved
FT-24-77 - A	12x12 Off white FT w/ mastic in space 9, rms 4,5,6,8,9	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971938PLM_77	tile				Dissolved
FT-24-77 - B	12x12 Off white FT w/ mastic in space 9, rms 4,5,6,8,9	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971938PLM_155	mastic				Dissolved
FT-24-78	12x12 Off white FT w/ mastic in space 9, rms 4,5,6,8,9	Not Analyzed			
71971938PLM_78	TEM	·			

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%.

Yanelis Delgado (174)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 - Warehouse 13

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

Sample ID	Description	A alb a a 4 a a	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-25-79 - A	12x12 Beige FT #2 w/ mastic (middle layer space 9-rm 10)	3% Chrysotile		97% Other	Gray, Green Non Fibrous Homogeneous
71971938PLM_79	tile				Dissolved
FT-25-79 - B	12x12 Beige FT #2 w/ mastic (middle layer space 9-rm 10)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971938PLM_156	mastic				Dissolved
FT-25-80 - A	12x12 Beige FT #2 w/ mastic (middle layer space 9-rm 10)	3% Chrysotile		97% Other	Gray, Green Non Fibrous Homogeneous
71971938PLM_80	tile				Dissolved
FT-25-80 - B	12x12 Beige FT #2 w/ mastic (middle layer space 9-rm 10)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971938PLM_157	mastic				Dissolved
FT-25-81	12x12 Beige FT #2 w/ mastic (middle layer space 9-rm 10)	Not Analyzed			
71971938PLM_81	TEM				
FT-26-82 - A	9x9 Tan FT w/ mastic (3rd/bottom layer space 9-rm 10) & space 9, rm 2 (only laye	3% Chrysotile		97% Other	Gray, Green Non Fibrous Homogeneous
71971938PLM_82	tile	-			Dissolved
FT-26-82 - B	9x9 Tan FT w/ mastic (3rd/bottom layer space 9-rm 10) & space 9, rm 2 (only laye	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM 158	mastic				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%.

3% Chrysotile

Yanelis Delgado (174)

**Approved Signatory** 

97% Other

FT-26-83 - A

71971938PLM 83

9x9 Tan FT w/ mastic

(3rd/bottom layer space 9-rm

10) & space 9, rm 2 (only laye

Gray, Green

Non Fibrous

Homogeneous Dissolved



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 - Warehouse 13

Vibration dampener on HVAC

Analyst

unit space 9 - rm 3

VD-28-88

71971938PLM 88

P-F-002 r15 1/16/2021

**Attn:** Ron Sharpe Sarah Browning

**Lab Order ID:** 71971938

**Analysis ID:** 71971938\_PLM

**Date Received:** 8/6/2021 **Date Reported:** 8/16/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-26-83 - B	9x9 Tan FT w/ mastic (3rd/bottom layer space 9-rm 10) & space 9, rm 2 (only laye	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971938PLM_159	mastic				Dissolved
FT-26-84	9x9 Tan FT w/ mastic (3rd/bottom layer space 9-rm 10) & space 9, rm 2 (only laye	Not Analyzed			
71971938PLM_84	TEM				
FT-27-85 - A	9x9 Brown FT w/ mastic (2nd/bottom layer space 9, rm 1&9)	8% Chrysotile		92% Other	Gray Non Fibrous Homogeneous
71971938PLM_85	tile				Dissolved
FT-27-85 - B	9x9 Brown FT w/ mastic (2nd/bottom layer space 9, rm 1&9)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
71971938PLM_160	mastic				Dissolved
FT-27-86 - A	9x9 Brown FT w/ mastic (2nd/bottom layer space 9, rm 1&9)	8% Chrysotile		92% Other	Gray Non Fibrous Homogeneous
71971938PLM_86	tile				Dissolved
FT-27-86 - B	9x9 Brown FT w/ mastic (2nd/bottom layer space 9, rm 1&9)	5% Chrysotile		95% Other	Black Non Fibrous Homogeneous
71971938PLM_161	mastic	-			Dissolved
FT-27-87	9x9 Brown FT w/ mastic (2nd/bottom layer space 9, rm 1&9)	Not Analyzed			
71971938PLM_87	TEM				

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%.

40% Synthetic Fibers

**None Detected** 

Yanelis Delgado (174)

Black

Ashed

60% Other

Approved Signatory

Non Fibrous

Homogeneous



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A ab agtag	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
VD-28-89	Vibration dampener on HVAC unit space 9 - rm 3	None Detected	40% Synthetic Fibers	60% Other	Black Non Fibrous Homogeneous
71971938PLM_89					Ashed
VD-28-90	Vibration dampener on HVAC unit space 9 - rm 3	None Detected	40% Synthetic Fibers	60% Other	Black Non Fibrous Homogeneous
71971938PLM_90					Ashed
DM-29-91	White ductwork mastic on HVAC ducts in space 9 above ceiling	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_91					Ashed
DM-29-92	White ductwork mastic on HVAC ducts in space 9 above ceiling	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_92					Ashed
DM-29-93	White ductwork mastic on HVAC ducts in space 9 above ceiling	Not Analyzed			
71971938PLM_93	TEM				
BBI-30-94	Tan BBI - (space 9 - rms 1&9) behind wood - panels	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
71971938PLM_94					Ashed
BBI-30-95	Tan BBI - (space 9 - rms 1&9) behind wood - panels	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
71971938PLM_95					Ashed
BBI-30-96	Tan BBI - (space 9 - rms 1&9) behind wood - panels	Not Analyzed			
71971938PLM_96	TEM				

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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	Anlandan	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FB-31-97	Fire brick, red (machine pits)	None Detected		100% Other	Red Non Fibrous Homogeneous
71971938PLM_97					Crushed
FB-31-98	Fire brick, red (machine pits)	None Detected		100% Other	Red Non Fibrous Homogeneous
71971938PLM_98					Crushed
FB-31-99	Fire brick, red (machine pits)	None Detected		100% Other	Red Non Fibrous Homogeneous
71971938PLM_99	-				Crushed
FB-32-100	Fire brick, tan (walls up)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971938PLM_100	-				Crushed
FB-32-101	Fire brick, tan (walls up)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971938PLM_101	-				Crushed
FB-32-102	Fire brick, tan (walls up)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971938PLM_102	-				Crushed
TSI-33-103	Thermal system insulation, large dia pipe, straight run	None Detected		100% Other	Pink Non Fibrous Homogeneous
71971938PLM_103					Crushed
TSI-33-104	Thermal system insulation, large dia pipe, straight run	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_104	-	10,0 minosite			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%.

Yanelis Delgado (174)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 - Warehouse 13

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM Date Received: 8/6/2021

**Date Reported:** 8/16/2021

Sample ID	Description	A ab astas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-33-105	Thermal system insulation, large dia pipe, straight run	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_105		1070 Timosite			Dissolved
TSI-34-106 - A	Thermal system insulaton, med dia pipe, straight run	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_106	insulation	1370 Amosic			Dissolved
TSI-34-106 - B	Thermal system insulaton, med dia pipe, straight run	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_162	wrap				Ashed
TSI-34-107 - A	Thermal system insulaton, med dia pipe, straight run	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_107	insulation	1070 Illiosite			Dissolved
TSI-34-107 - B	Thermal system insulaton, med dia pipe, straight run	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_163	wrap				Ashed
TSI-34-108	Thermal system insulaton, med dia pipe, straight run	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_108					Crushed
TSI-35-109 - A	Thermal system insulation, med dia pipe, hard joints	15% Chrysotile - 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_109	insulation	10/0 /mosic			Dissolved
TSI-35-109 - B	Thermal system insulation, med dia pipe, hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_164	wrap				Ashed

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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

Drainate	DDOE00521	<b>X</b> X71	12
Project:	PPOE00521	- Warehouse	13

Sample ID	Description	A ale and a s	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-35-110 - A	Thermal system insulation, med dia pipe, hard joints	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_110	insulation				Dissolved
TSI-35-110 - B	Thermal system insulation, med dia pipe, hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_165	wrap				Ashed
TSI-35-111	Thermal system insulation, med dia pipe, hard joints	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_111	unable to separate layers	1570 Timosite			Dissolved
TSI-36-112 -	Thermal system insulation, large dia pipe, hard joints	15% Chrysotile		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_112	insulation	1370 Amosic			Dissolved
TSI-36-112 - B	Thermal system insulation, large dia pipe, hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_166	wrap				Ashed
TSI-36-113 -	Thermal system insulation, large dia pipe, hard joints	15% Chrysotile		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_113	insulation	1370 Timosite			Dissolved
TSI-36-113 - B	Thermal system insulation, large dia pipe, hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_167	wrap				Ashed
TSI-36-114 - A	Thermal system insulation, large dia pipe, hard joints	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_114	insulation	20,0 1111100110			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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-36-114 - B	Thermal system insulation, large dia pipe, hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_168	wrap				Ashed
TSI-37-115 - A	Thermal system insulation, small dia ipes, straight runs & hard joints	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_115	insulation				Dissolved
TSI-37-115 - B	Thermal system insulation, small dia ipes, straight runs & hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_169	wrap				Ashed
TSI-37-116 -	Thermal system insulation, small dia ipes, straight runs & hard joints	15% Chrysotile 15% Amosite		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_116	insulation	1370 Amosice			Dissolved
TSI-37-116 - B	Thermal system insulation, small dia ipes, straight runs & hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_170	wrap				Ashed
TSI-37-117 -	Thermal system insulation, small dia ipes, straight runs & hard joints	15% Chrysotile		70% Other	Gray Non Fibrous Heterogeneous
71971938PLM_117	insulation	10,0 1111105110			Dissolved
TSI-37-117 - B	Thermal system insulation, small dia ipes, straight runs & hard joints	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_171	wrap				Ashed
TSI-38-118 -	Thermal system insulation, hard joint on all other process systems	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971938PLM_118	insulation				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%.

Yanelis Delgado (174)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM Date Received: 8/6/2021

**Date Reported:** 8/16/2021

**Project:** PPOE00521 - Warehouse 13

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
71971938PLM_172	wrap				Ashed
TSI-38-119 - A	Thermal system insulation, hard joint on all other process systems	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971938PLM_119	insulation				Dissolved
TSI-38-119 - B	Thermal system insulation, hard joint on all other process systems	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_173	wrap				Ashed
TSI-38-120 - A	Thermal system insulation, hard joint on all other process systems	None Detected	10% Fiber Glass	90% Other	Gray Non Fibrous Heterogeneous
71971938PLM_120	insulation				Dissolved
TSI-38-120 - B	Thermal system insulation, hard joint on all other process systems	None Detected	60% Cellulose	40% Other	Cream Fibrous Homogeneous
71971938PLM_174	wrap				Ashed
TSI-39-121	Thermal system insulation, straight run on all other process systems	None Detected	80% Cellulose	20% Other	Brown Fibrous Homogeneous
71971938PLM_121					Ashed
TSI-39-122	Thermal system insulation, straight run on all other process systems	None Detected	80% Cellulose	20% Other	Brown Fibrous Homogeneous
71971938PLM_122					Ashed
TSI-39-123	Thermal system insulation, straight run on all other process systems	None Detected	80% Cellulose	20% Other	Brown Fibrous Homogeneous
71971938PLM_123					Ashed

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%.

Yanelis Delgado (174)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PPOE00521 - Warehouse 13

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971938

**Analysis ID:** 71971938 PLM

Date Received: 8/6/2021 **Date Reported:** 8/16/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	ASDESTOS Components		Treatment
C-40-124	Exterior caulk along door frame(s), vents & overhang on East side (white)	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_124					Ashed
C-40-125	Exterior caulk along door frame(s), vents & overhang on East side (white)	None Detected		100% Other	White Non Fibrous Homogeneous
71971938PLM_125					Ashed
C-40-126	Exterior caulk along door frame(s), vents & overhang on East side (white)	Not Analyzed			
71971938PLM_126	TEM				
C-41-127	Exterior caulk (silver) on West side door frame entrance	None Detected		100% Other	Silver Non Fibrous Homogeneous
71971938PLM_127					Ashed
C-41-128	Exterior caulk (silver) on West side door frame entrance	None Detected		100% Other	Silver Non Fibrous Homogeneous
71971938PLM_128					Ashed
C-41-129	Exterior caulk (silver) on West side door frame entrance	Not Analyzed			
71971938PLM_129	TEM				

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%.

Yanelis Delgado (174)

Analyst



Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only / Lab Order ID:	9	11928
Client Code:		

Company Con	tact Information	1			Asbestos Test Ty	oes
Company: GEL En		Contact: Ron Shape/Serah Brown		PLM EPA 600/R-93/116 (PLM)	X	
Address: 2040 S	Phone : E	Phone : 643 769-7378		Positive stop		
Charle	ston, SC 29407		131769-7		PLM Point Count 400 (PT4)	
	· · · · · · · · · · · · · · · · · · ·	Email X: 10	onald.sha	rpe@gel.com	PLM Point Count 1000 (PTM)	
		Sarah b	rownime c	PLCCH	PCM NIOSH 7400-A Rules (PCM)	
Billing/Invoice	<b>Information</b>	Turn A	Around T	limes	B Rules (PCB) TWA (PT	A) 🗌
Company:		90 Min.	48 Ho	urs 🗌	TEM AHERA (AHE)	
Contact:	Same	3 Hours	72 Ho	urs 🗌	TEM Level II (LII)	
Address:	AS	6 Hours	] 96 Ho	urs 🗌	TEM NIOSH 7402 (TNI)	
	Alouve	12 Hours	] 120 H	ours 🗶	TEM Bulk Qualitative (TBL)	
		24 Hours	]   144 <sup>+</sup> H	lours 🗌	TEM Bulk Chatfield (TBS)	X
					TEM Bulk Quantitative (TBQ)	
PO Number:					TEM Wipe ASTM D6480-05	
Project Name/Nu	ımber: PP	0E00521 - War		3	TEM Microvac ASTM D5755-02	
		(8/3 F 8/4/	(21)		TEM Water EPA 100.2 (TW1)	
1 5000	¥ 21	in PLMTTEM sim		-1. V	Other:	
	<b>A N N</b>	III LM FIEM SIM	いいけわぐつぐつい			
V=TEM	T				······································	
Sample ID#	Descr	iption/Location		Volume/Ar		
	Descr					Dard
	Descrit God Cemont Boo	iption/Location		Volume/Ar		Dard
	Cemont Boo	iption/Location and in Space 1		Volume/Ar	F Analyze comently Only	Dard
	Descrit God Cemont Boo	iption/Location and in Space 1		Volume/Ar ~ 1150 S	F Analyze comently Only	
	Cemont Boo	iption/Location and in Space 1		Volume/Ar	F Analyze cemently Only	
	Cement Book	iption/Location and in Space 1 ceiling	Walls	Volume/Ar  ~ 1 50 S  All fire ho found	F Analyze cemently Only  sec Analyze hose or	
	Cement Book	iption/Location and in Space 1	Walls	Volume/Ar ~ 1150 S	F Analyze comently Only sec Analyze inose or	
	Cement Book	iption/Location  and in Space 1  ceiling  Floor Tile	Walls	Volume/Ar  ~ 1 50 S  All fire ho found	F Analyze cemently Only  sec Analyze hose or	nly
	Cement Book Fire Hose  12x12 Beige	iption/Location  and in Space 1  ceiling  Floor Tile	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comento  only  sec Analyze nose or  Analyze til  t Mastic	nly
	Cement Book Fire Hose  12x12 Beige	iption/Location  and in Space 1  t ceiling  Floor Tile *  Twall	Walls	Volume/Ar  ~ 1 50 S  All fire ho found	Analyze comento  only  sec Analyze nose or  Analyze til  t Mastic	nly
	Fire Hose  12x12 Beige on East exterior	iption/Location  and in Space 1  t ceiling  Floor Tile *  Twall	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comention Only  sec Analyze inose or  Analyze til  t Mastic  Analyze all la	e iyers
	Fire Hose  12x12 Beige on East exterior	iption/Location  and in Space 1  reclung  Floor Tile * rwall  n Insulation on	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comento  only  sec Analyze nose or  Analyze til  t Mastic	e iyers
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior	iption/Location  and in Space 1  reclung  Floor Tile * rwall  n Insulation on	Walls	Volume/Ar  NISOS  All fire ho found	Analyze comention Only  Sec Analyze incse or  Analyze till  + Mastic  V  Total # of Samples 120	nly e
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior  Thormal System fan V	iption/Location  and in Space 1  regulary  Floor Tile *  rwall  n Insulation on  (cont'd on Pg 2)	Walls	Volume/Ar  NISOS  All five ho found  ISOSE  180SF	Analyze comention Only  Sec Analyze inose or  Analyze inose or  Analyze all la  Total # of Samples 120  Date/Til  Ol. 11301	nly e
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior  Thormal System fan V	iption/Location  and in Space 1  regulary  Floor Tile *  rwall  n Insulation on  (cont'd on Pg 2)  Date/Time	Walls	Volume/Ar  NISOS  All five ho found  ISOSE  180SF	Analyze comention Only  Sec Analyze inose or  Analyze inose or  Analyze all la  Total # of Samples 120	nly e
Sample ID#  CB-1-1  CB-1-2  (B-1-3  FH-2-4  FH-2-5  FH-2-6  FT-3-7  FT-3-9  TSI-4-10  TSI-4-11	Fire Hose  12x12 Beige on East exterior  Thormal System fan V	iption/Location  and in Space 1  regulary  Floor Tile *  rwall  n Insulation on  (cont'd on Pg 2)  Date/Time	Walls	Volume/Ar  NISOS  All five ho found  ISOSE  180SF	Analyze comention Only  Sec Analyze inose or  Analyze inose or  Analyze all la  Total # of Samples 120  Date/Til  Ol. 11301	lyers





Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

Lab Use Only / Lab Order ID:	1971938
Client Code:	

WWW.sallab.com

V=TEM \* Run PLM+TEM simultaneously\*

	Sample ID#	Specific Location	Volume/Area	Comments
	TSI-4-12	Thermal System Insulation (prev page)	~180 SF	Analyze all layers
	BBI-5-13	Yellow BBI behind walls in	~320SF	Analyze black
	BBI-5-14	Space 2, RMS 3, 4, 5		batt only
V	BBL-5-15	W.	Ψ	<b>V</b>
	BBI-6-16	Pink BBI behind walk andler	~ 5,8505F	
	BRJ - 6 - 17	above ceilings in All Space 2, Space 4-		boilt only
4	BPT-6-18	RM1, Space 16, Space 9-RM63, 4, 5	Ψ	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	TB-7-19	4" Brown toe board w/mastic	~ 500LF	Analyze toe board
	TB-+-20	All of Space 2+ Space3		+ mastic only
4	TB-+-21	W .	<b>V</b>	4 /
	CM-8 - 22	Cement thin set under Porcelain	~ 9005F	Analyze cement
	CM-8- 23	faux brick tile in All of Space 2		material only
	CM-8-24	Minus RMSV1+2	<b>V</b>	
	FT-9-25	Cream 12×12+W/ mastic	~1,245SF	Analyze tile t
	/FT-9-26	Space 2 Rooms 1+2, Space 3		mastic
4	FT-9-27	<u> </u>	V	
	DC 10 - 28	Door caulk in went rm #2	16 total doors	Analyze callk only
	AC-10-29	+ Rm#3	<u> </u>	<u>'</u>
1	DC-10-30	ſ.	Ψ	V
	cT-11-31	IXI Smooth ceiling tile in	~1,100 SF	Analyze Ceiling
	CT-11-32	Space 3		tile only
	CT - 11 - 33	4	<u> </u>	V'
	BBI - 17 - 34	Brown kraft paper amound yellow	~300 Sf	Analyze Kraft
	RBI -12-35	fiberglass ground HVAC duct		paper only
	BBT-12-36	Space 3		1 1
	CT-13-37	IXI Swirl CT (Space 4, room 1)	~740 SF	Analyze ceiling
Į	CT-13-38	İ		tile only
	CT-13-31	<b>V</b>	<b>/</b>	
	CT-14-40	2x4 Wormholo CT (Space 4, room2)	~2,2005F	Analyze ceiling
	CT-14-41	+ Space 9 -> RMS 3, 4, 5		tile only
	CT-14 - 47	· · · · · · · · · · · · · · · · · · ·	*	L.
	M-15-43	Mastic under porcelain faux brick	~ 980 SF	Analyze mastic
	M-15-44	tile (Space 4, rooms 1+2)	1	only
J	M-15-45		<b>V</b>	<b>1</b>
	TR-16-46	4" Black toeboard w/mastic	~ 180 LF	Analyze toeboard
	JB-16-47	(Space S) + Space 9, RM3+5		+ mastic
V	TB-16-48	1	Ψ	
_		·		Page of



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only.	197	1928
Client Code:		

\* Run PLM+TEM simultaneously \*

	Sample ID #	Specific Location	Volume/Area	Comments
	5-17-49	Textured surfacing on ceiling	512 SF	Analyze surfacing
	S-17-50	in space 5		only
	5-17-51	<u> </u>	₩	/ /
	TB-18-52	4 Black #2 toe board	F	Analyze toe board
/	118-18-53	(Space 7, Room 1)+	110	& mastic
	MTB-18-54	Space 9, RM7 L	<b>\</b>	1
	CW - 19 - 55	Canuas wrap on rectangular	200 SF	Analyze canvas
	CW-19-56	AHU upstairs adjacent to Space 7		wrop only
	CW-19-57	,	¥ .	
	WG-20-58	Window glaze - (space 8 between)	2 Windows	Analyze window
	WG-20-59	(rooms/t2)		glaze only
	WG-20-60	<b>V</b>	1	4
	PC-21-61	Popcorn Ceiling (all space 2)	N11665F	Analyze popcorn
	PC-21-62		ĺ	ceiling only
	PC-21-63			7
	PC-21-64			
	PC-21-65	4	<b>V</b>	<b>V</b>
	DW-22-66	Drywall & joint compound	~5100sf	Analytic drywall,
	DW-22-67	All space 2, Space 6; Space 4-	i	+ joint compound
	DW-22-64	room 2 (2 walls only), Space 9-		
	DW-22-69	mom 3 (I wall), Space 9-rooms		
	NW-22-70	(1 wall)		
	DW-22-71			
	DW-22-72	<b>V</b>	<b>V</b>	V
	FT-23-73	12×12 Black FT+ mastic.	~	Analyze floor tile
	FT-23-74	in Space 9, 1,2,3	1,300 SF	+ mastic
/	FT-23-75	•	•	
-	FT-74-76	12x12 Off White FT w/mastic	N 1,750SF	Analyze floor tile
	FT-24-97	in Space 9, RMS 4, 5, 6, 8, 9		+ mastic
	FT-24-78	<b>V S</b>	<u> </u>	•
	FT-25-79	12x12 Beigo FTZW/ mastic	~ 108 SF	Analyze floor tile
	FT-25-80	(Middle laver Space 9-rm 10)		t mastic
1	FT-25-81	1	1	V
	FT-26-82	9x9 tan FT W/ Mastic	~ 950sf	Analyze floor tile
	FT-26-83	(3rd/bottom laver Space 9-rm10)		+ mastic
	FT-26-84	+ Space 9, RM 2 (only layer)	4	1
	FT-27-85	9x9 Brown FT W/mastic	~ 8005F	Analyze floor tile
	FT-27-86	(2m/hottom layer Space 9, RM 1+9)		1 macti
/	FT-27-69	, , , , , , , , , , , , , , , , , , ,	4	Page 3 of 5
	27 - 31	•		A-F-022 EXP: 2/4/2021



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

\* Run PLM+ TEM simultaneously \*

	Sample ID #	Specific Location	Volume/Area	Comments
	VD-28-88	Vibration dampener on HVAC unit	1 Unit observed	Analyze vibration
	VD-28-89	Space 9-rm3		dampener only
	VD - 28 - 40	1	4	· V
	DM-29-91	White ductwork mastic on	~1005F	Analyze mastic
	DM-29-92	HVAC ducts in Space 9 above		only.
V	DM-29-43	v ceiting	Ψ	1 1 1000
	BB1-30-94	Tan BBI - (Space 9-rms 1+9)	N 675 SF	Analyze BBI only
	BBI-30-95	behind wood-panels	i.	/
V	BB1-30-46		₩ ~1:0 5 C	V O : /
	TB-31-94	Fire Brick, Red (Machine Pits)	8100 SF	Analyze Brick only
	FB-31-98			
	FB-31-99	C'as Duich Ton Children	W - 00 - C	N D D
	FB-32-100 FB-32-101	Fire Brick, Tan (Walls up)t	14,500 sf	Analyze Brickonly
	FD-32-10	Hownstairs)		
	TST - 33 - 103	Thermal system insulation, Large	Glazi Dinas	Analyze all layers
	TST - 33-104	dia pipe, straight run	JIM FIDES	present
	751-33-10S	is stronger for		preseri
	TSI -34-106	Thermal system insulation, med.		
	TCT -34-107	dia pipe, straight run		
	TST-34-108	- William - Ori		
	TSI-35-109	Thermal system insulation, med		
	TSI-35-110	dia pipe, hard joints		
	TSI -35 -111			
	TSI-36-112	Thermal system insulation, large		
	TSI-36-113	dia pipe, hard joints		
	TSI-36-114	<b>,</b> , ,		
	TSI-37-115	Thormal System insulation, small		
	TSI-37-16	dia pipes, straight runs + hard		
	TSI-57-117	joints.	Ψ	
	TSI-38 - 118	Thermal System Insulation, Hard	All other proces	5
	TSI-38-119	joint on all other process	System pipes	
	TS1-38-120	Systems v		
	152-39-121	Thermal System Insulation, Straigh		
}	751-39-12	run on all other process		
ŀ	151-39-123	systems.	V	4
ŀ	C-40-124	Exterior caulk along door frame(s),	~ 90 LF	Analyze cavillonly
إ	, C- 40-125	vents, verhang on East side		Page <u>4</u> of <u>5</u>
1	C- 40- 126	(white) V	•	A-F-022 EXP: 2/4/2021



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

	1	0	11978
Lab ( Lab ( Clien	Oı	rder	ID:

\* Run PLM+ TEM simultaneously\*

* KUN PLYT TEM SIMUTANEOUSLY *						
Sample ID #	Specific Location	Volume/Area	Comments			
C-41-127	Exterbr cault (silver) on west side door frame entrance	~ 20 LF	Analyze caulk only			
C-41-128 C-41-129	side door frame entrance	1	J			
C-41-129	Į.	V	4			
		-				
		-				
	144					
	:					
	I		Page # of 6			



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

PP0E00521 - Warehouse 14

Attn: Ron Sharpe

Lab Order ID:

71971997

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971997 TB

**Date Received:** 

8/9/2021

**Date Reported:** 8/10/2021

Sample ID	Description	Organic	Acid Sol.	A	LCL-UCL	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
FT-1-3-b	12x12 Camo FT (SPG-Rms 2-8, SP7- Rm17, South end SP3, SP2-Rms 1&2), SP8-NE Corner)	47%	-	2.6 %	Chrysotile	2.4% - 2.9%
71971997TBS_22	mastic					
FT-2-6-a	12x12 Brown speckled FT (SP3-AII) Bottom layer	86%		0.29 %	Chrysotile	0.26% - 0.32%
71971997TBS_37	mastic 1					
FT-3-9-b	12x12 Beige FT (SP3-North end) Top Layer	47%	1	2.6 %	Chrysotile	2.4% - 2.9%
71971997TBS_24	mastic					
FT-4-12-b	12x12 Off-White streaked FT(SPG- Rms, 1,9(3/4), 11-13, Sp7-Rms 6&9), SP8-NE Corner) Top layer	61%	-	3.9 %	Chrysotile	3.5% - 4.3%
71971997TBS_25	mastic					
FT-5-15-b	12x12 Camo #2 FT (SPG-Rm 15) (SPI & ads) top layer	46%	-	2.7 %	Chrysotile	2.4% - 3.0%
71971997TBS_26	mastic					
FT-6-18-a	12x12 Tan speckled FT (SP7-Rm 4) Top layer	22%	53%	7.4 %	Chrysotile	6.7% - 8.2%
71971997TBS_6	tile					

Disclaimer: 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.

Russell Shelton (24)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe Sarah Browning Lab Order ID:

**Analysis ID:** 

71971997

Charleston, SC 29407

71971997 TB

**Project:** PP0E00521 - Warehouse 14 **Date Received:** 8/9/2021

**Date Reported:** 8/10/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
FT-6-18-b	12x12 Tan speckled FT (SP7-Rm 4) Top layer	57%	1	0.43 %	Chrysotile	0.38% - 0.47%
71971997TBS_27	mastic					
FT-7-21-b	12x12 White streaked #2 FT (SP7- Rms 5&15, SPG-Rm9 (1/4))	61%		3.9 %	Chrysotile	3.5% - 4.3%
71971997TBS_28	mastic					
FT-9-27-a	9x9 Cream FT (SPG-Rms 6&16, SP7 -Rm 3) (SP7-Rm2) Top & Bottom layers	26%	37%	15 %	Chrysotile	13% - 16%
71971997TBS_9	tile					
FT-9-27-b	9x9 Cream FT (SPG-Rms 6&16, SP7 -Rm 3) (SP7-Rm2) Top & Bottom layers	75%	1	2.5 %	Chrysotile	2.3% - 2.8%
71971997TBS_30	mastic					
FT-11-33-b	9x9 Brown marbled FT (SPG-Rms 14 & 15) Top & bottom laters	75%	-	1.3 %	Chrysotile	1.1% - 1.4%
71971997TBS_32	mastic					
FT-12-36-a	9x9 Olive Green FT (SP7-Rm 3 hallway only, Rm 4,5 (in hidden chase only)	49%	33%	0.36 %	Chrysotile	0.32% - 0.39%
71971997TBS_12	tile					

Disclaimer: 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.

Russell Shelton (24)

Analyst

**Approved Signatory** 

T-F-010 r15 1/15/2018



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971997

Charleston, SC 29407

PP0E00521 - Warehouse 14

Sarah Browning

**Analysis ID:** 

71971997 TB

**Date Received:** 

8/9/2021

**Date Reported:** 

8/10/2021

Sample ID	Description  Lab Notes	Organic	Acid Sol.	Asbestos		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	
FT-12-36-b	9x9 Olive Green FT (SP7-Rm 3 hallway only, Rm 4,5 (in hidden chase only)	54%	_	0.46 %	Chrysotile	0.42% - 0.51%
71971997TBS_33	mastic					
FT-13-39-a	9x9 Brown Coffee FT (SP7-Rm16)	48%	30.%	0.22 %	Chrysotile	0.20% - 0.24%
71971997TBS_13	tile					
BBI-14-42	Tan BBI (Sp3-Above ceiling & in east wall, Sp-6 Rms 6&16 ceiling, Sp7-Rm4 all but south wall, Rm5 walls)	89%	_	0.11 %	Chrysotile	0.099% - 0.12%
71971997TBS_14						
BBI-15-45	Pink BBI (Sp6-Rm 12 west wall, Rm 13 West wall, Rm 14 West wall, SP7- Rm5 ceiling)		-	0.10 %	Chrysotile	0.091% - 0.11%
71971997TBS_15						
TB-19-57-a	4" Brown toe board (sp4)	43%	_	None Detected		
71971997TBS_16	toeboard					
TB-19-57-b	4" Brown toe board (sp4)	35%	-		None Detected	
71971997TBS_35	mastic					

Disclaimer: 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.

Russell Shelton (24)

Analyst



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Ron Sharpe

Lab Order ID:

71971997

Charleston, SC 29407

Sarah Browning

**Analysis ID:** 

71971997 TB

**Date Received:** 

8/9/2021

**Project:** PP0E00521 - Warehouse 14

**Date Reported:** 8/10/2021

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)	(Wt. %)	
TB-20-60-a	4" Black toe board (Sp 5)	32%	-	None Detected		
71971997TBS_17	toeboard					
ТВ-20-60-ь	4" Black toe board (Sp 5)	45%	-	None Detected		
71971997TBS_36	mastic					
WPM-21-63	Mastic on wood panel (Sp6-Rms 6&16)	59%	-	None Detected		
71971997TBS_18						
M-23-69	Mastic underneath stair mats (Sp7-2 Stairwells)	57%	-	None Detected		
71971997TBS_19						
BBI-25-75	Brown kraft paper around Yellow fiberglass around HVAC duct (sp7- Rm1)	94%	_	None Detected		
71971997TBS_20						
G-39-119	Gaskets	27%	_	None Detected		
71971997TBS_21						

Disclaimer: 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.

Russell Shelton (24)

Analyst



## Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com

lab@sailab.com

Lab Use Only	-	2	٥.		-
Lab Use Only Lab Order ID:	11	প	11	98	8
Client Code: _	-				

Company: GEL Engineering, LLC			1	1 4	Asbesto	s Test I	yp	es
CUL UNITED ING. LU	Contact: RonSina	mpe/Ser	ah Brown	MY PLN	A EPA 600/F	R-93/116 (PL	M)	X
Address: 2040 Savage Road	Phone : 843/769-7378			1	itive stop			
Cinacleston, SC 29407	Fax []: 843/7			PLN	A Point Cou	nt 400 (PT4)		
	Email X: (Onald	d.sharr	ocegel.	OH PLI	A Point Cou	nt 1000 (PTM	0	
	5arah brawn		9		NIOSH 740	00-A Rules (P	CM)	
Billing/Invoice Information	Turn Arou			В	Rules (PCB)	☐ TWA	(PT)	A) 🗆
Company:	90 Min.	48 Hou	rs 🗌	TE	M AHERA (	AHE)		
Contact: Save	3 Hours	72 Hou	rs 🗌	TE	M Level II (I	LII)		
Address: AS	6 Hours	96 Hou	rs 🔲	TE	M NIOSH 74	102 (TNI)		
Above	12 Hours 🔲	120 Ho	urs 🗌	TE	M Bulk Qual	litative (TBL)		
	24 Hours 💢	144 <sup>+</sup> Ho	ours 🔲	TE	M Bulk Chat	field (TBS)		X
·				TE	M Bulk Quar	ntitative (TBC	2)	
PO Number:				TE	M Wipe AST	TM D6480-05	5	
Project Name/Number: PPOE005	21 ~ Warehou	15e14		TEN	Microvac	ASTM D575	5-02	
*	(8/5/			TE	M Water EP	A 100.2 (TW	1)	
L Dun Di	M+TEM simu	Haver	*KIV*	Oth	er:			
0 - 1611		110110					-	
Sample ID # Description/			Volume	Area	-	Commen	-	-
FT-1-1 12×12 Camo FT	(SP6-RMS 2-	7	3821	24	1 / 6 /	ze tile	61	nasti
FT-1-2 SP7-Rm7, South end	SP3, SP2-Rms	(162)			(it'p	resent	)	-
FT-1-3 SP8-NE Corner)	4		V	60			1	-
	ckled FT (SP3	-All	1123				ļ.,	
FT-2-5 Both	oly Layer			1,430			1	-
FT-2-6	<b>V</b>	,	1				1	-
FT-3-7 12x12 Beige FT (	SP3 - North End	)	1,08	854	-		-	-
FT-3-8 Top Layer	1							
FT-3-9	FT		V					
FT-4-10   12x12 off-White St			2008	SF				
FT-4-11 11-13, Sp7-Rms G	64), (SP8-NE	Corner)						
FT-4-12/ Top Layer	l .		4		Total # o	of Samples	122	2
	te/Time		Received	l by		Dat	e/Ti	ime
Lues Laduron 8/6/	2100915 (1	len				80		
						In	201	m

#### \* Run PLM + TEM simultaneously \*



Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	7197	1989	3
Client Code: _			_

Sample ID #	Specific Location	Volume/Area	Comments
FT-5-13	12×12 Camo #2 FT (SPG-Rm 15)	382 Sf	Analyze tile + masti
PT-5-14	(SPI+adj) Top Layer		(if present)
F1-5-15		<b>V</b>	
FT-6-16	12×12 Tan Speckled FT (SP7-Rm4)	240 SF	
1FT-6- 17	Top Layer 1		
CT-6-18	<b>V</b>	1	
FT-7-19	12×12 White Streaked #2 FT	SSI SF	
Et-7-20	(SP7-RMS St/15, SP6-Rm9(14))	1	
57-7-21	, , , , , , , , , , , , , , , , , , ,	1	
FT-8-22	12×12 Brown Specked FT	495 SF	
ET-8-13	(Sp7-Rm13) 1	114 -	
FT- 9-24		1	
FT-9-25	9×9 Cream FT (SPG-RMS 6+16.	1675 SF	
FT-4-26	SP7- Rm3+holl) (SP7-Rm2)	107004	
ET-9-27	Top + bollom Layers +	1	
FT-10-28	9×9 Brown Strenked FT (Sp6-Rms 1,2,	4250 sf	
FT-10 -29	3,4+hall, 5,7,8, 10, 11, 12, 13).	. 1	
FT-10-30	(SP7-Rms 6-12) Topy bellow Layers		
FT-11-31	9×9 Brown Marbled FT (SPG-RMS 14 +15)	272 SF	
/FT-11-37	TOD+ BOHON Lavers		
FT-11-33	V	4	
FT-12-34	9x9 Olive Grean FT (SP7-Rm 3 hellway	504 Sf	
/FT-12-35	only, Rm 4, 5 (In hidden chase only)		
FT-12-36	1	1	
FT-13-37	9×9 Brown Coffee FT (SP7-Rm K),	225 SF	
/FT-13-38			
FT-13-39	<b>V</b>	V	V
BBI-14-40	Tan BBI (Sp3-Above ceiling tin east	4450 sf	Analye black ball
BBI-14-41	uall, SP-6 Rms 6+16 ceiling, SP7-Rm4		only
BB7-14-42	all but southwall, RMS walls)	1	
BBI-15-43	Pink BBI (Sp6-Rm12 westwall, Rm	530 sf	
BI-15-44	13 nest audi, Rm 14 nest unil, SP7-		
BBI-15-45	Rm5 ceiling)	1	1
CT-16-46	1×1 Wormhole CT Sp 3	30 SF	Analyze ceiling
CJ-16-47	1		tile only
CT-16-48		V	17
CT-17-49	1'x1' Smooth CT Sp S	180 sf	
0-17-50			
CI-17-51	V	4	Page 1 of

#### \* Run PLM+ TEM simultaneously \*



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71	9-	1198	8
Client Code: _				

Sample ID #	Specific Location	Volume/Area	Comments
CT -18 - 52	I'XI' Swirl CT (SpG-Rms 1+6)	984 SF	Analyze ceiling
CT-18-53		1	tile only
CT-18-54	'	V	1
TB-19 - 55	44 Brown toe board (Sp 4)	Hase LF	Analyze toe boar
TB-19-56	(509)	IOIIA	t mastic
TB-19-57		V	
TB-19-57 TB-20-58	4" Black toeboard (Sp5)	SG LF	
TB-20 - 59	1	1	
TB-20-60	1	1	1
WPM-21-61	Mastiz on wood panel (SpG-	1400 SF	Analyze mastic onl
WPM-21-62	Rms 6 + 16)	1700 ar	1
WPM-21-63	14113	- +	
FF -22 -64	Red floor felt under wood floor	100 SF	Analyze felt only
FF- 22- 65	(SP7 - In hallway adjacent to rms	100 00	1
FF-22-66	13+14)		
M-23-67	Mastic underneath stair mats	105 SF	Analyze mastic only
M-23-68	(SP7-2 Stairwells)	1	
M-23-69	16	4	4
VD-24-70	Vibration dampener (87-19m 1)	1 Unit Obsences	Analyze dampener on
VD-24-71	1		111111111111111111111111111111111111111
VN-24-72	1	1	1
BBI-25-73	Brown Kraft paper around yellow	1120 SF	Analyze knost paper
BBI-25-74	fiberglass around HVAC duct		only
BBI -25-75	(SOF-RMI)+	1	7
5-26-76	Surfacing plaster 1 (5p10)	660 SF	Analyze skimcoa
5-26-77			+ base coat
5-26-78	4	1	4
5-17-79	Surfacing plaster 2 (Sp9)	155 sf	
5-27-80	DOTTION PLANTS	1-0-31	
5-27-81	,	4	
EU-20-97	Fire Hose (Sp8)	All Emphases	Analyze fire hose
E4-74-02	FILE HOSE (SP)	found	only
FH-28-84		10077	1
TST -29 - 85	Thermal System Insulation, med	Process	Analyze all TSI
TCT-20-06		System Lines	motorials
TCT-20-07	diameter, straightrun (Sp11)	Wisien Dies	J.
45I-30 -88			The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
tst - 30 - 89			
151-30-90	diameter, straight run (sp 17)		Page 3 of

### \* Run PLM+TEH simultaneously\*



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71971988
Client Code: _	

Sample ID #	Specific Location	Volume/Area	Comments
DW-31-41	Drywall joint compound	< 5000 SF	Analyze drywell
DW-31-92			and soint compound
M-31-43			onk.
DW-31-94			
DW-31-95	V .	V	. 4
TST-32-96	Thermal System Insulation, small	Process	Analyze all TSI
TSI-32-97	dia pipes, straight run (Sp11)	system lines	
TSI-32-98	(\$ 8)	1	V
TSI-33-99	Thormal System Insulation, large		
TST-33-100	dia pipes, hard joints (SpII)		
TSI-33-101	1		
TSI - 34 - 102	Thermal System Insulation, med		
TSI-34-103	da pipes, hard joints (508+5011)		
TST-34-104	1		
TSI-35-105	Thermal System Insulation, small		
TSI -35-106	dia pipes, hard (oints (Sprit Sp 11)		
TSI -35 -107	4	V	V //
DW-39-108	Canyas Wrap plus TSI on HVAC	HVAC componen	s Analyze all layers
DW-36-109	ducts (Sp 6 + Sp7)		present
DW -36-110	W 46 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4
CW - 57 - 111	HVAC Water pipes Canvas wrap		
CW-37-112	Straight Runs (Sp6 + Sp7)		
CW-37-113	10146		
HI -36 -114	HVAC Water pipes Canuas wap		
HJ-38-115	Hard Joints (Sp6 DSp7)		
41-39-110		All Calif	A I Y I I I
6-39-117	Gastets (	All Gaskots	Analyze gasket
6-39-118		observed on	
G -39- 119		process system	
100 110 120		Flanges 5 Loading	A 1
LDP-40-120	Loading dock pads	S Loading	Analyze pads
LDP-40-120		dock pads	only
LDP-40-122	<u> </u>	observed	<b>V</b>
	1		Page 4 of 4

Page 4 of 4

A-F-022 EXP: 2/4/2021



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

TEM

mastic 1

tile

mastic 2

12x12 Brown speckled FT

12x12 Brown speckled FT

12x12 Brown speckled FT

(Sp3-All,) bottom layer

(Sp3-All,) bottom layer

(Sp3-All,) bottom layer

71971988PLM 3

FT-2-4 - A

71971988PLM 4

FT-2-4 - B

71971988PLM 135

FT-2-4 - C

71971988PLM 136

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Components		Components	Treatment
FT-1-1 - A	12x12 Camo FT (SP6-Rms 2- 8, SP7-Rm 17, South end SP3, SP2-Rms 1&2), SP8-NE Corn	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971988PLM_1	tile				Crushed, Dissolved
FT-1-1 - B	12x12 Camo FT (SP6-Rms 2- 8, SP7-Rm 17, South end SP3, SP2-Rms 1&2), SP8-NE Corn	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_133	mastic				Dissolved
FT-1-2 - A	12x12 Camo FT (SP6-Rms 2- 8, SP7-Rm 17, South end SP3, SP2-Rms 1&2), SP8-NE Corn	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971988PLM_2	tile				Crushed, Dissolved
FT-1-2 - B	12x12 Camo FT (SP6-Rms 2- 8, SP7-Rm 17, South end SP3, SP2-Rms 1&2), SP8-NE Corn	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_134	mastic				Dissolved
FT-1-3	12x12 Brown speckled FT (Sp3-All,) bottom layer	Not Analyzed			

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%.

**None Detected** 

5% Chrysotile

3% Chrysotile

Heather Davide (164)

Analyst

**Approved Signatory** 

100% Other

95% Other

97% Other

Brown

Non Fibrous

Dissolved

Non Fibrous

Non Fibrous

Dissolved

Homogeneous

Homogeneous

Crushed, Dissolved

Gray

Black

Homogeneous



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Date Reported:** 8/10/2021

**Analysis ID:** 71971988 PLM Date Received: 8/9/2021

**Project:** PP0E00521 - Warehouse 14

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-2-5 - A	12x12 Brown speckled FT (Sp3-All,) bottom layer	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_5	mastic 1				Dissolved
FT-2-5 - B	12x12 Brown speckled FT (Sp3-All,) bottom layer	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
71971988PLM_137	tile				Crushed, Dissolved
FT-2-5 - C	12x12 Brown speckled FT (Sp3-All,) bottom layer	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971988PLM_138	mastic 2	·			Dissolved
FT-2-6	12x12 Brown speckled FT (Sp3-All,) bottom layer	Not Analyzed			
71971988PLM_6	TEM				
FT-3-7 - A	12x12 Beige FT (Sp3-North end) top layer	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971988PLM_7	tile				Crushed, Dissolved
FT-3-7 - B	12x12 Beige FT (Sp3-North end) top layer	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_139	mastic				Dissolved
FT-3-8 - A	12x12 Beige FT (Sp3-North end) top layer	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971988PLM_8	tile				Crushed, Dissolved
FT-3-8 - B	12x12 Beige FT (Sp3-North end) top layer	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_140	mastic				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 Davide (164)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-3-9	12x12 Beige FT (Sp3-North end) top layer	Not Analyzed			
71971988PLM_9	TEM				
FT-4-10 - A	12x12 Off-white streaked FT (SP6-Rms 1,9(3/4) 11-13, Sp7 -Rms 6&9), (Sp8-NE Corner)	2% Chrysotile		98% Other	Gray Non Fibrous Homogeneous
71971988PLM_10	tile			Crushed, Dissolved	
FT-4-10 - B	12x12 Off-white streaked FT (SP6-Rms 1,9(3/4) 11-13, Sp7 -Rms 6&9), (Sp8-NE Corner)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971988PLM_141	mastic				Dissolved
FT-4-11 - A	12x12 Off-white streaked FT (SP6-Rms 1,9(3/4) 11-13, Sp7 -Rms 6&9), (Sp8-NE Corner)	2% Chrysotile		98% Other	Gray Non Fibrous Homogeneous
71971988PLM_11	tile	·			Crushed, Dissolved
FT-4-11 - B	12x12 Off-white streaked FT (SP6-Rms 1,9(3/4) 11-13, Sp7 -Rms 6&9), (Sp8-NE Corner)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971988PLM_142	mastic				Dissolved
FT-4-12	12x12 Off-white streaked FT (SP6-Rms 1,9(3/4) 11-13, Sp7 -Rms 6&9), (Sp8-NE Corner)	Not Analyzed			
71971988PLM_12	TEM				
FT-5-13 - A	12x12 Camo #2 FT (SP6-Rm 15) (SPI & ads) Top layer	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
71971988PLM_13	tile				Crushed, Dissolved
FT-5-13 - B	12x12 Camo #2 FT (SP6-Rm 15) (SPI & ads) Top layer	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_143	mastic				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 Davide (164)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description  Lab Notes	Asbestos Fibrous Components	Fibrous	Non-Fibrous Components	Attributes
Lab Sample ID					Treatment
FT-5-14 - A	12x12 Camo #2 FT (SP6-Rm 15) (SPI & ads) Top layer	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
71971988PLM_14	tile				Crushed, Dissolved
FT-5-14 - B	12x12 Camo #2 FT (SP6-Rm 15) (SPI & ads) Top layer	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_144	mastic				Dissolved
FT-5-15	12x12 Camo #2 FT (SP6-Rm 15) (SPI & ads) Top layer	Not Analyzed			
71971988PLM_15	TEM				
FT-6-16 - A	12x12 Tan speckled FT (SP7-Rm 4) Top Layer	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971988PLM_16	tile				Crushed, Dissolved
FT-6-16 - B	12x12 Tan speckled FT (SP7-Rm 4) Top Layer	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971988PLM_145	mastic				Dissolved
FT-6-17 - A	12x12 Tan speckled FT (SP7-Rm 4) Top Layer	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971988PLM_17	tile				Crushed, Dissolved
FT-6-17 - B	12x12 Tan speckled FT (SP7-Rm 4) Top Layer	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971988PLM_146	mastic				Dissolved
FT-6-18	12x12 Tan speckled FT (SP7-Rm 4) Top Layer	Not Analyzed			
71971988PLM_18	TEM				

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 Davide (164)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description	Aalaastaa	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-7-19 - A	12x12 White streaked #2 FT (SP7-Rms 5&15, SPG-Rm 9 (1/4))	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971988PLM_19	tile				Crushed, Dissolved
FT-7-19 - B	12x12 White streaked #2 FT (SP7-Rms 5&15, SPG-Rm 9 (1/4))	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971988PLM_147	mastic				Dissolved
FT-7-20 - A	12x12 White streaked #2 FT (SP7-Rms 5&15, SPG-Rm 9 (1/4))	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71971988PLM_20	tile				Crushed, Dissolved
FT-7-20 - B	12x12 White streaked #2 FT (SP7-Rms 5&15, SPG-Rm 9 (1/4))	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71971988PLM_148	mastic				Dissolved
FT-7-21	12x12 White streaked #2 FT (SP7-Rms 5&15, SPG-Rm 9 (1/4))	Not Analyzed			
71971988PLM_21	TEM				
FT-8-22 - A	12x12 Brown speckled FT (Sp7-Rm 13)	3% Chrysotile		97% Other	Brown Non Fibrous Homogeneous
71971988PLM_22	tile				Crushed, Dissolved
FT-8-22 - B	12x12 Brown speckled FT (Sp7-Rm 13)	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971988PLM_149	mastic				Dissolved
FT-8-23 - A	12x12 Brown speckled FT (Sp7-Rm 13)	3% Chrysotile		97% Other	Brown Non Fibrous Homogeneous
71971988PLM_23	tile				Crushed, 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 Davide (164)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-8-23 - B	12x12 Brown speckled FT (Sp7-Rm 13)	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971988PLM_150	mastic				Dissolved
FT-8-24	12x12 Brown speckled FT (Sp7-Rm 13)	Not Analyzed			
71971988PLM_24	TEM				
FT-9-25 - A	9x9 Cream FT (SP6-Rms 6&16, Sp7-Rm 3) (Sp7-Rm2) Top & bottom layer	None Detected		100% Other	Olive Non Fibrous Homogeneous
71971988PLM_25	tile				Crushed, Ashed
FT-9-25 - B	9x9 Cream FT (SP6-Rms 6&16, Sp7-Rm 3) (Sp7-Rm2) Top & bottom layer	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_151	mastic				Dissolved
FT-9-26 - A	9x9 Cream FT (SP6-Rms 6&16, Sp7-Rm 3) (Sp7-Rm2) Top & bottom layer	3% Chrysotile		97% Other	Cream Non Fibrous Homogeneous
71971988PLM_26	tile				Crushed, Dissolve
FT-9-26 - B	9x9 Cream FT (SP6-Rms 6&16, Sp7-Rm 3) (Sp7-Rm2) Top & bottom layer	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_152	mastic				Dissolved
FT-9-27	9x9 Cream FT (SP6-Rms 6&16, Sp7-Rm 3) (Sp7-Rm2) Top & bottom layer	Not Analyzed			
71971988PLM_27	TEM				
FT-10-28 - A	9x9 Brown streaked FT (SP6- Rms 1,2,3,4 & hall, 5,7,8,10,11,12,13), (SP7-Rm3	6% Chrysotile		94% Other	Brown Non Fibrous Homogeneous
	tile	1		71,0 31110	Crushed, Dissolve

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 Davide (164)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Project:	PP0E00521 -	Warehouse 14

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-10-28 - B	9x9 Brown streaked FT (SP6- Rms 1,2,3,4 & hall, 5,7,8,10,11,12,13), (SP7-Rm3	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971988PLM_153	mastic				Dissolved
FT-10-29 - A	9x9 Brown streaked FT (SP6- Rms 1,2,3,4 & hall, 5,7,8,10,11,12,13), (SP7-Rm3	6% Chrysotile		94% Other	Brown Non Fibrous Homogeneous
71971988PLM_29	tile				Crushed, Dissolved
FT-10-29 - B	9x9 Brown streaked FT (SP6- Rms 1,2,3,4 & hall, 5,7,8,10,11,12,13), (SP7-Rm3	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971988PLM_154	mastic				Dissolved
FT-10-30	9x9 Brown streaked FT (SP6-Rms 1,2,3,4 & hall, 5,7,8,10,11,12,13), (SP7-Rm3	Not Analyzed			
71971988PLM_30	TEM				
FT-11-31 - A	9x9 Brown marbled FT (SP6- Rms 14&15) Top & bottom layers	5% Chrysotile		95% Other	Tan Non Fibrous Homogeneous
71971988PLM_31	tile				Crushed, Dissolved
FT-11-31 - B	9x9 Brown marbled FT (SP6- Rms 14&15) Top & bottom layers	None Detected		100% Other	Black Non Fibrous Homogeneous
71971988PLM_155	mastic				Dissolved
FT-11-32 - A	9x9 Brown marbled FT (SP6- Rms 14&15) Top & bottom layers	5% Chrysotile		95% Other	Tan Non Fibrous Homogeneous
71971988PLM_32	tile				Crushed, Dissolved
FT-11-32 - B	9x9 Brown marbled FT (SP6- Rms 14&15) Top & bottom layers	None Detected		100% Other	Black Non Fibrous Homogeneous
71971988PLM_156	mastic				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 Davide (164)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM Date Received: 8/9/2021

**Date Reported:** 8/10/2021

Sample ID	Description	A 1	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-11-33	9x9 Brown marbled FT (SP6- Rms 14&15) Top & bottom layers	Not Analyzed			
71971988PLM_33	TEM				
FT-12-34 - A	9x9 Olive Green FT (Sp7-Rm 3 hallway only, Rm 4,5 (in hidden chase only)	None Detected		100% Other	Olive Non Fibrous Homogeneous
71971988PLM_34	tile			Crushed, Ashed	
FT-12-34 - B	9x9 Olive Green FT (Sp7-Rm 3 hallway only, Rm 4,5 (in hidden chase only)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_157	mastic				Dissolved
FT-12-35 - A	9x9 Olive Green FT (Sp7-Rm 3 hallway only, Rm 4,5 (in hidden chase only)	None Detected		100% Other	Olive Non Fibrous Homogeneous
71971988PLM_35	tile				Crushed, Ashed
FT-12-35 - B	9x9 Olive Green FT (Sp7-Rm 3 hallway only, Rm 4,5 (in hidden chase only)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_158	mastic				Dissolved
FT-12-36	9x9 Olive Green FT (Sp7-Rm 3 hallway only, Rm 4,5 (in hidden chase only)	Not Analyzed			
71971988PLM_36	TEM				
FT-13-37 - A	9x9 Brown coffee FT (Sp7-rm 16)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_37	tile				Crushed, Ashed
FT-13-37 - B	9x9 Brown coffee FT (Sp7-rm 16)	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971988PLM_159	mastic				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 Davide (164)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

**Project:** PP0E00521 - Warehouse 14

Sample ID	Description	A shostos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FT-13-38 - A	9x9 Brown coffee FT (Sp7-rm 16)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_38	tile				Crushed, Ashed
FT-13-38 - B	9x9 Brown coffee FT (Sp7-rm 16)	3% Chrysotile		97% Other	Black Non Fibrous Homogeneous
71971988PLM_160	mastic				Dissolved
FT-13-39	9x9 Brown coffee FT (Sp7-rm 16)	Not Analyzed			
71971988PLM_39	TEM				
BBI-14-40	Tan BBI (Sp3-Above ceiling & in east wall, Sp-6 Rms 6&16 ceiling, Sp7-Rm4 all but	None Detected	60% Cellulose 10% Fiber Glass	30% Other	Black, Brown Non Fibrous Homogeneous
71971988PLM_40					Crushed, Dissolved
BBI-14-41	Tan BBI (Sp3-Above ceiling & in east wall, Sp-6 Rms 6&16 ceiling, Sp7-Rm4 all but	None Detected	60% Cellulose 10% Fiber Glass	30% Other	Black, Brown Non Fibrous Homogeneous
71971988PLM_41					Crushed, Dissolved
BBI-14-42	Tan BBI (Sp3-Above ceiling & in east wall, Sp-6 Rms 6&16 ceiling, Sp7-Rm4 all but	Not Analyzed			
71971988PLM_42	TEM				
BBI-15-43	Pink BBI (Sp6-Rm 12 west wall, Rm 13 west wall, Rm 14 west wall, Sp7-Rm 5 ceiling)	None Detected	60% Cellulose 10% Fiber Glass	30% Other	Black, Brown Non Fibrous Homogeneous
71971988PLM_43					Crushed, Dissolved
BBI-15-44	Pink BBI (Sp6-Rm 12 west wall, Rm 13 west wall, Rm 14 west wall, Sp7-Rm 5 ceiling)	None Detected	60% Cellulose 10% Fiber Glass	30% Other	Black, Brown Non Fibrous Homogeneous
71971988PLM_44					Crushed, 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 Davide (164)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
BBI-15-45	Pink BBI (Sp6-Rm 12 west wall, Rm 13 west wall, Rm 14 west wall, Sp7-Rm 5 ceiling)	Not Analyzed			
71971988PLM_45	TEM				
CT-16-46	1'x1' Wormhole CT Sp 3	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_46					Teased
CT-16-47	1'x1' Wormhole CT Sp 3	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_47					Teased
CT-16-48	1'x1' Wormhole CT Sp 3	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_48	-				Teased
CT-17-49	1'x1' Smooth CT Sp 5	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_49	1				Teased
CT-17-50	1'x1' Smooth CT Sp 5	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_50					Teased
CT-17-51	1'x1' Smooth CT Sp 5	None Detected	45% Cellulose 45% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_51					Teased
CT-18-52	1'x1' Swirl CT (Sp6-Rms 1&6)	None Detected	60% Cellulose 30% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM 52			22/0 2202 3203	3,0 0000	Teased

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 Davide (164)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Project:	PP0E00521 -	Warehouse	14

Sample ID	Description	A ala asta s	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CT-18-53	1'x1' Swirl CT (Sp6-Rms 1&6)	None Detected	60% Cellulose 30% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_53					Teased
CT-18-54	1'x1' Swirl CT (Sp6-Rms 1&6)	None Detected	60% Cellulose 30% Fiber Glass	7% Perlite 3% Other	Gray, White Fibrous Heterogeneous
71971988PLM_54					Teased
TB-19-55 - A	4" Black toeboard (Sp 5)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_55	toeboard				Crushed, Ashed
TB-19-55 - B	4" Black toeboard (Sp 5)	None Detected		100% Other	Cream, Brown Non Fibrous Homogeneous
71971988PLM_161	mastic				Dissolved
TB-19-56 -	4" Black toeboard (Sp 9)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_56	toeboard				Crushed, Ashed
TB-19-56 - B	4" Black toeboard (Sp 9)	None Detected		100% Other	Cream, Brown Non Fibrous Homogeneous
71971988PLM_162	mastic				Dissolved
TB-19-57	4" Black toeboard (Sp 9)	Not Analyzed			
71971988PLM_57	TEM				
TB-20-58 -	4" Black toeboard (Sp 5)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971988PLM_58	toeboard				Crushed, Ashed

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 Davide (164)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description  Lab Notes	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID			Components	Components	Treatment
TB-20-58 - B	4" Black toeboard (Sp 5)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_163	mastic				Dissolved
TB-20-59 - A	4" Black toeboard (Sp 5)	None Detected		100% Other	Black Non Fibrous Homogeneous
71971988PLM_59	toeboard				Crushed, Ashed
TB-20-59 - B	4" Black toeboard (Sp 5)	None Detected		100% Other	Brown Non Fibrous Homogeneous
71971988PLM_164	mastic				Dissolved
TB-20-60	4" Black toeboard (Sp 5)	Not Analyzed			
71971988PLM_60	TEM				
WPM-21-61	Mastic on wood panel (Sp 6-Rms 6&16)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971988PLM_61	-				Dissolved
WPM-21-62	Mastic on wood panel (Sp 6- Rms 6&16)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971988PLM_62					Crushed, Dissolved
WPM-21-63	Mastic on wood panel (Sp 6-Rms 6&16)	Not Analyzed			
71971988PLM_63	TEM	•			
FF-22-64	Red floor felt under wood floor (Sp7-In hallway adjacent to rms 13 & 14)	None Detected	98% Cellulose	2% Other	Red Fibrous Homogeneous
71971988PLM 64					Ashed

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 bestamine. For the liadary of the Li Avo method, assessor may not be detected in samples obtained to the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadary of the liadar

Heather Davide (164)

Analyst

Approved Signatory



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description	, , Fi	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
FF-22-65	Red floor felt under wood floor (Sp7-In hallway adjacent to rms 13 & 14)	None Detected	98% Cellulose	2% Other	Red Fibrous Homogeneous
71971988PLM_65					Ashed
FF-22-66	Red floor felt under wood floor (Sp7-In hallway adjacent to rms 13 & 14)	None Detected	98% Cellulose	2% Other	Red Fibrous Homogeneous
71971988PLM_66					Ashed
M-23-67	Mastic underneath stair mats (Sp7-2 stairwells)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971988PLM_67				Dissolved	
M-23-68	Mastic underneath stair mats (Sp7-2 stairwells)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71971988PLM_68					Dissolved
M-23-69	Mastic underneath stair mats (Sp7-2 stairwells)	Not Analyzed			
71971988PLM_69	TEM				
VD-24-70	Vibration dampener (Sp7-Rm1)	None Detected	20% Fiber Glass	80% Other	Black Non Fibrous Homogeneous
71971988PLM_70					Ashed
VD-24-71	Vibration dampener (Sp7-Rm1)	None Detected	20% Fiber Glass	80% Other	Black Non Fibrous Homogeneous
71971988PLM_71					Ashed
VD-24-72	Vibration dampener (Sp7-Rm1)	None Detected	20% Fiber Glass	80% Other	Black Non Fibrous Homogeneous
71971988PLM_72					Ashed

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 Davide (164)

Analyst



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



**Analysis ID:** 



71971988 PLM

Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

**Project:** PP0E00521 - Warehouse 14

Sample ID	Description	A -14	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
BBI-25-73	Brown kraft paper around yellow fiberglass around HVAC duct (Sp7 & Rm1)	None Detected	80% Cellulose	20% Other	Black, Tan Fibrous Homogeneous
71971988PLM_73					Ashed
BBI-25-74	Brown kraft paper around yellow fiberglass around HVAC duct (Sp7 & Rm1)	None Detected	80% Cellulose	20% Other	Black, Tan Fibrous Homogeneous
71971988PLM_74					Ashed
BBI-25-75	Brown kraft paper around yellow fiberglass around HVAC duct (Sp7 & Rm1)	Not Analyzed			
71971988PLM_75					
S-26-76	Surfacing plaster 1 (Sp 10)	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971988PLM_76	single layer plaster				Crushed
S-26-77	Surfacing plaster 1 (Sp 10)	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971988PLM_77	single layer plaster				Crushed
S-26-78	Surfacing plaster 1 (Sp 10)	None Detected		100% Other	Gray Non Fibrous Homogeneous
71971988PLM_78	single layer plaster				Crushed
S-27-79	Surfacing plaster 2 (Sp 9)	None Detected		100% Other	White Non Fibrous Homogeneous
71971988PLM_79					Crushed
S-27-80	Surfacing plaster 2 (Sp 9)	None Detected		100% Other	White Non Fibrous Homogeneous
71971988PLM_80					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%.

Heather Davide (164)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Project:	PP0E00521 -	Warehouse 14

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
S-27-81	Surfacing plaster 2 (Sp 9)	None Detected		100% Other	White Non Fibrous Homogeneous
71971988PLM_81					Crushed
FH-28-82	Fire hose (Sp 8)	None Detected	60% Synthetic Fibers	40% Other	White, Black Fibrous Homogeneous
71971988PLM_82					Ashed
FH-28-83	Fire hose (Sp 8)	None Detected	60% Synthetic Fibers	40% Other	White, Black Fibrous Homogeneous
71971988PLM_83					Ashed
FH-28-84	Fire hose (Sp 8)	None Detected	60% Synthetic Fibers	40% Other	White, Black Fibrous Homogeneous
71971988PLM_84					Ashed
TSI-29-85	Thermal system insulation, med diameter, straight run (Sp 11)	30% Chrysotile 10% Amosite	30% Cellulose	30% Other	Gray, Tan Fibrous Heterogeneous
71971988PLM_85	inseparable layers	1070 Amosic			Teased
TSI-29-86	Thermal system insulation, med diameter, straight run (Sp 11)	30% Chrysotile 10% Amosite	30% Cellulose	30% Other	Gray, Tan Fibrous Heterogeneous
71971988PLM_86	inseparable layers	1070 Amosic			Teased
TSI-29-87	Thermal system insulation, med diameter, straight run (Sp 8)	30% Chrysotile 10% Amosite	30% Cellulose	30% Other	Gray, Tan Fibrous Heterogeneous
71971988PLM_87	inseparable layers	1070 Amosite			Teased
TSI-30-88	Thermal system insulation, large diameter, straight run (Sp 11)	30% Chrysotile 10% Amosite	30% Cellulose	30% Other	Gray, Tan Fibrous Heterogeneous
71971988PLM_88	inseparable layers	10/0 / Minusite			Teased

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 Davide (164)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos Fibrous Components	Non-Fibrous	Attributes	
				Components	Treatment
TSI-30-89	Thermal system insulation, large diameter, straight run (Sp 11)	30% Chrysotile 10% Amosite	30% Cellulose	30% Other	Gray, Tan Fibrous Heterogeneous
71971988PLM_89	inseparable layers	10/0 / Killosite			Teased
TSI-30-90	Thermal system insulation, large diameter, straight run (Sp 11)	30% Chrysotile 10% Amosite	30% Cellulose	30% Other	Gray, Tan Fibrous Heterogeneous
71971988PLM_90	inseparable layers	10/0 Amosic			Teased
DW-31-91 - A	Drywall joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
71971988PLM_91	drywall				Crushed
DW-31-91 - B	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971988PLM_123	joint compound				Crushed
DW-31-92 - A	Drywall joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
71971988PLM_92	drywall				Crushed
DW-31-92 - B	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971988PLM_124	joint compound				Crushed
DW-31-93 - A	Drywall joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
71971988PLM_93	drywall				Crushed
DW-31-93 - B	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971988PLM_125	joint compound				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%.

Heather Davide (164)

Analyst



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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Project:	PP0E00521 -	Warehouse	14
110,000	110000541 -	vv ai chouse	17

Sample ID	Description	A	A sheetes Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
DW-31-94 - A	Drywall joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
71971988PLM_94	drywall				Crushed
DW-31-94 - B	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
71971988PLM_126	joint compound				Crushed
DW-31-95	Drywall joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
71971988PLM_95	drywall only				Crushed
TSI-32-96	Thermal system insulation, smal dia pipes, straight run (Sp 11)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_96					Dissolved
TSI-32-97	Thermal system insulation, smal dia pipes, straight run (Sp 11)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_97					Dissolved
TSI-32-98	Thermal system insulation, smal dia pipes, straight run (Sp 8)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_98					Dissolved
TSI-33-99	Therma system insulation, large dia pipes, hard joints (Sp 11)	30% Chrysotile 3% Amosite		67% Other	Gray Fibrous Homogeneous
71971988PLM_99					Teased
TSI-33-100	Therma system insulation, large dia pipes, hard joints (Sp 11)	30% Chrysotile 3% Amosite		67% Other	Gray Fibrous Homogeneous
71971988PLM_100					Teased

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 Davide (164)

Analyst



### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM Date Received: 8/9/2021

**Date Reported:** 8/10/2021

Sample ID	Description		Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
TSI-33-101	Therma system insulation, large dia pipes, hard joints (Sp 11)	30% Chrysotile 3% Amosite		67% Other	Gray Fibrous Homogeneous
71971988PLM_101	-				Teased
TSI-34-102	Thermal system insulation, med dia pipes, hard joints (Sp 8 & Sp 11)	30% Chrysotile 3% Amosite		67% Other	Gray Fibrous Homogeneous
71971988PLM_102					Teased
TSI-34-103	Thermal system insulation, med dia pipes, hard joints (Sp 8 & Sp 11)	30% Chrysotile 10% Amosite		60% Other	Gray Fibrous Homogeneous
71971988PLM_103		10,0 111100100			Teased
TSI-34-104	Thermal system insulation, med dia pipes, hard joints (Sp 8 & Sp 11)	30% Chrysotile 10% Amosite		60% Other	Gray Fibrous Homogeneous
71971988PLM_104	-	1070 Hillosite			Teased
TSI-35-105 -	Thermal system insulation, small dia pipes, hard joints (Sp 8 & Sp 11)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_105	wrap				Dissolved
TSI-35-105 -	Thermal system insulation, small dia pipes, hard joints (Sp 8 & Sp 11)	None Detected	40% Fiber Glass	60% Other	Gray Fibrous Homogeneous
71971988PLM_127	insulation				Teased
TSI-35-106 -	Thermal system insulation, small dia pipes, hard joints (Sp 8 & Sp 11)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_106	wrap				Dissolved
TSI-35-106 - B	Thermal system insulation, small dia pipes, hard joints (Sp 8 & Sp 11)	None Detected	40% Fiber Glass	60% Other	Gray Fibrous Homogeneous
71971988PLM 128	insulation				Teased

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 Davide (164)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID	Description	- Asbestos Fibrous Components	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes			Components	Treatment
TSI-35-107	Thermal system insulation, small dia pipes, hard joints (Sp 8 & Sp 11)	20% Chrysotile	20% Fiber Glass 20% Cellulose	40% Other	Gray, White Fibrous Heterogeneous
71971988PLM_107	inseparable layers				Teased
DW-36-108	Canvas wrap plus TSI on HVAC ducts (Sp 6 & Sp 7)	30% Chrysotile	40% Cellulose	30% Other	Gray, White Fibrous Heterogeneous
71971988PLM_108	inseparable layers				Teased
DW-36-109 - A	Canvas wrap plus TSI on HVAC ducts (Sp 6 & Sp 7)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_109	wrap				Dissolved
DW-36-109 - B	Canvas wrap plus TSI on HVAC ducts (Sp 6 & Sp 7)	None Detected	40% Fiber Glass	60% Other	Gray Fibrous Homogeneous
71971988PLM_129	insulation				Teased
DW-36-110	Canvas wrap plus TSI on HVAC ducts (Sp 6 & Sp 7)	20% Chrysotile	20% Fiber Glass 20% Cellulose	40% Other	Gray, White Fibrous Heterogeneous
71971988PLM_110	inseparable layers				Teased
CW-37-111	HVAC water pipes canvas wrap straight runs (Sp 6 & Sp 7)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_111					Dissolved
CW-37-112	HVAC water pipes canvas wrap straight runs (Sp 6 & Sp 7)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_112					Dissolved
CW-37-113	HVAC water pipes canvas wrap straight runs (Sp 6 & Sp 7)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM 113					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 Davide (164)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988 PLM

Date Received: 8/9/2021 **Date Reported:** 8/10/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
HJ-38-114 - A	HVAC water pipes canvas wrap hard joints (Sp 6 & Sp 7)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_114	wrap				Dissolved
HJ-38-114 - B	HVAC water pipes canvas wrap hard joints (Sp 6 & Sp 7)	None Detected	40% Cellulose	60% Other	Gray Fibrous Homogeneous
71971988PLM_130	insulation				Teased
HJ-38-115 - A	HVAC water pipes canvas wrap hard joints (Sp 6 & Sp 7)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_115	wrap				Dissolved
НЈ-38-115 - В	HVAC water pipes canvas wrap hard joints (Sp 6 & Sp 7)	None Detected	40% Cellulose	60% Other	Gray Fibrous Homogeneous
71971988PLM_131	insulation				Teased
HJ-38-116 - A	HVAC water pipes canvas wrap hard joints (Sp 6 & Sp 7)	None Detected	70% Cellulose	30% Other	White Fibrous Homogeneous
71971988PLM_116	wrap				Dissolved
HJ-38-116 - B	HVAC water pipes canvas wrap hard joints (Sp 6 & Sp 7)	None Detected	40% Fiber Glass	60% Other	Gray Fibrous Homogeneous
71971988PLM_132	insulation				Teased
G-39-117	Gaskets	None Detected		100% Other	Red Non Fibrous Homogeneous

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%.

**None Detected** 

Heather Davide (164)

Analyst

Approved Signatory

60% Other

71971988PLM 117

G-39-118

71971988PLM 118

Gaskets

40% Cellulose

Ashed

Green

Ashed

Fibrous

Homogeneous



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521 - Warehouse 14

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71971988

**Analysis ID:** 71971988\_PLM **Date Received:** 8/9/2021

**Date Reported:** 8/10/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
G-39-119	Gaskets	Not Analyzed			
71971988PLM_119	TEM				
LDP-40-120	Loading dock pads	None Detected	20% Synthetic Fibers	80% Other	Black Non Fibrous Homogeneous
71971988PLM_120					Ashed
LDP-40-121	Loading dock pads	None Detected	20% Synthetic Fibers	80% Other	Black Non Fibrous Homogeneous
71971988PLM_121					Ashed
LDP-40-122	Loading dock pads	None Detected	20% Synthetic Fibers	80% Other	Black Non Fibrous Homogeneous
71971988PLM_122					Ashed

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 Davide (164)



Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71971988
Client Code: _	

ntact: Roy Sha one : 843/ x : 843/ nail X: royal Sarah brown Turn Aro Min. : Hours : Hours : Hours : Hours : Hours : Hours : TEM simulation SPG-Rms 2-	169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 16	7378 7999el. 7999el. 7999el. 7999el. 7999el. 7999el. 7999el. 7999el. 7999el. 7999el. 7999el.	cch.	Positive PLM Po PLM Po PLM Po PCM NIC B Rules TEM AF TEM Le TEM NI TEM Bu TEM Bu TEM Bu TEM Wi TEM Mic TEM Wi Other:	int Count 4 int Count 1 DSH 7400- S (PCB)  HERA (AH vel II (LII) OSH 7402 Ilk Qualitat Ilk Chatfiel Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat	(TNI) d (TBL) d (TBS) ative (TBC) TM D575:	(A) (CM) (PTA (PTA ) (5-02	
one : 843/ x : 843/ hail XI: conal barah brown Turn Aro Min. : Hours : Hours : Hours : Hours : Hours : TEM simu ation SP6-Rms 2-	169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 169-73 16	1378 1378 1378 1378 1378 1378 1378 1378	dch.	PLM PO PLM PO PLM PO PLM PO PCM NIC B Rules TEM AB TEM Le TEM NI TEM BU TEM BU TEM WI TEM Mic TEM WI Other:  ea	int Count 4 int Count 1 DSH 7400- S (PCB)  HERA (AH vel II (LII) OSH 7402 Ilk Qualitat Ilk Chatfiel Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat Ilk Quantitat	(TNI) d (TBC) D6480-05 TM D575:	(A) CM) (PTA (PTA ) 5-02 1)	
x : 843/ Tail X: ronal Second brown Turn Aro Min. : Hours : Hours : Hours : Hours : X  Warehous : Kalendaria	d.sinad d.sinad d.sinad und T 48 Hot 72 Hot 96 Hot 120 Hot 144 <sup>+</sup> H	rpe@gel.  rimes urs  urs  urs  urs  urs  vours  vours  vous	don.	PLM PO PCM NIC B Rules TEM AF TEM Le TEM NI TEM BU TEM BU TEM BU TEM WI TEM WI TEM WI TEM WI TEM WI TEM WI TEM WI TEM WI TEM WI TEM WI	int Count 1 DSH 7400- S (PCB)  HERA (AH Vel II (LII) OSH 7402 Ilk Qualitat Ilk Chatfiel Ilk Quantit Ilk Quantit Ilk Quantit Incovac ASTM Crovac ASTM Crovac ASTM	(TNI) d (TBC) D6480-05 TM D575:	(A) CM) (PTA (PTA ) 5-02 1)	
Turn Aro  Min.  Hours  Hours  Hours  Hours   Hours   Hours   Hours   Sec-Res 2-	96 Ho 120 Ho 144 H	Cimes  urs  urs  urs  urs  urs  urs  vours  vours  vours  vours  vous  v	e/Are	PCM NICE B Rules TEM AF TEM Le TEM NI TEM BU TEM BU TEM WI TEM Mic TEM WI Other:	OSH 7400- s (PCB)  HERA (AH vel II (LII) OSH 7402 olk Qualitate olk Chatfiel olk Quantitate olk Quantitate olk Chatfiel olk Quantitate olk Chatfiel olk Quantitate olk Chatfiel olk Quantitate olk Chatfiel olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantitate olk Quantita	TWA  (E)  (TNI)  tive (TBL)  d (TBS)  ative (TBC)  D6480-05  TM D575:  00.2 (TW	CM) (PTA  (PTA  ()  (2)  (5)  (5-02  (1)	
Turn Aro  Min.  Hours  Hours  Hours  Hours   Hours   Hours   Hours   Sec-Res 2-	96 Ho 120 Ho 144 H	Cimes  urs  urs  urs  urs  urs  urs  vours  vours  vours  vours  vous  v	e/Are	B Rules TEM AF TEM Le TEM NI TEM BU TEM BU TEM WI TEM Mid TEM WI Other:	S (PCB) CHERA (AHIVEL II (LII) OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402	(TNI) (TNI) d (TBS) ative (TBC) D6480-05 TM D575: 00.2 (TW	Q) 55-02	
Turn Aro  Min.   Hours   Hours   Hours   Hours   Watcher  8/5/  TEM simulation  SPG-RMS 2-	96 Ho 120 Ho 144 <sup>+</sup> H	urs   ours   ours   vous   vou	e/Arc	TEM ARTEM Le TEM NI TEM BU TEM BU TEM WI TEM MIC TEM WI Other:	HERA (AH vel II (LII) OSH 7402 olk Qualitat olk Chatfiel olk Quantit ole ASTM crovac AST ater EPA 1	(TNI) tive (TBL) d (TBS) ative (TBC D6480-03 TM D575: 00.2 (TW	(2) 5 5-02 1)	
Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours	72 Ho 96 Ho 120 Ho 144 <sup>+</sup> H	urs   ours   lours   Volume	e/Arc	TEM Le TEM NI TEM Bu TEM Bu TEM Wi TEM Mid TEM Wi Other:	OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH 7402 OSH	(TNI) tive (TBL) d (TBS) ative (TBC D6480-05 TM D575: 00.2 (TW	Q) 5 5-02 1) <b>ts</b>	
Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours	96 Ho 120 Ho 144 <sup>+</sup> H	ours   ours   ours   ours   Volume	e/Arc	TEM NI TEM BU TEM BU TEM WI TEM WI TEM WI Other:	OSH 7402  olk Qualitate  olk Chatfiel  olk Quantitate  ope ASTM  crovac AST  ater EPA 1	(TNI) tive (TBL) d (TBS) ative (TBC) D6480-05 TM D575: 00.2 (TW	Q) 5 5-02 1) <b>ts</b>	
Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours   Hours	120 Ho 144 <sup>+</sup> H	ours   lours   Volume	e/Are	TEM BU TEM BU TEM WI TEM MIG TEM WI Other:	ilk Qualitatilk Chatfielik Quantitipe ASTM crovac AST ater EPA 1	d (TBL) d (TBS) ative (TBC) D6480-03 TM D575: 00.2 (TW	Q) 5 5-02 1) <b>ts</b>	
Hours XI  Warehous  8/5/ TEM simulation  SPG-Rms 2-	144+H	OU5ly *	e/Are	TEM Bu TEM Wi TEM Mid TEM Wi Other:	ik Chatfiel ik Quantita ipe ASTM crovac AST ater EPA 1	d (TBS) ative (TBC) D6480-05 TM D575: 00.2 (TW	Q) 5 5-02 1) <b>ts</b>	
Warehou (8/5/ TEM simulation SPG-RMS 2-	ise 14 21) Ittane	005ly *	e/Are	TEM Bu TEM Wi TEM Mi TEM Wi Other: _	ik Quantitatipe ASTM crovac ASTM ater EPA 1	D6480-05 TM D575: 00.2 (TW	5-02 1) ts	
(8/5/ TEM simulation SPG-RMS 2-	iltane	005ly *	e/Arc	TEM WITEM WI	crovac ASTM crovac AST ater EPA 1	D6480-03 TM D575: 00.2 (TW	5-02 1) ts	
(8/5/ TEM simulation SPG-RMS 2-	iltane	005ly *	e/Arc	TEM Mid TEM Wa Other:	Co	ommen	5-02 1) ts	
(8/5/ TEM simulation SPG-RMS 2-	iltane	005ly *	e/Arc	Other: _	Co	ommen	ts	
TEM simu	Hane 8,	Volume	e/Arc	Other: _	Co	mmen tile	ts	
ntion SPG-Rms 2-	8,	Volume	e/Arc	ea An	alyze	tile	-	
ntion SPG-Rms 2-	8,	Volume	e/Arc	FAn	alyze	tile	-	ngs
SPG-RMS 2-	1			FAn	alyze	tile	-	ngs
	1	382	1 3		0/	1	10	ngst
, SPZ-Rms	(162)				T' nan			
				10	t pre	sent	)	-
		V	2 6					
FT (SP3	-All	192				-		
ayer			1,4	30		-		
	,		-			-		
-North End	)	1,08	88	st		-		
FI		V						
		2009	S	F		1		
, (SP8-NE	Corner)							
		4		То	tal # of S	amples	122	
me		Receive	d by	7		Date	/Tir	me
0915 (1)	Lun					80		
				-		101	30r	m
			7		Doc	70	of	L
	-North End  ET  d (SPG-Ras , (SP8-NE	-North End)  ET d (SP6-Rms 1,984), (SP8-NE Corner)  me 0915  Accep	-North End ) 1,08  eT d (SP6-Rms 1,984) 2008 , (SP8-NE Gorner)  me Receive 0915  Accepted	-North End) 1,0889  d (sp6-Rms 1,984) 2008 S , (sp8-NE Gorner)  me Received by  0915  Accepted	-North End ) 1,088 SF  d (SP6-Rns 1,984) 2008 SF , (SP8-NE Corner)  To  Received by  0915  Accepted	-North End ) 1,088 SF  of (SP6-Rns 1,9%) 2008 SF  (SP8-NE Grner)  Total # of S  Received by  Page	-North End ) 1,088 SF  d (SP6-Rns 1,964) 2008 SF , (SP8-NE Corner)  Total # of Samples  me Received by Date  0915 (10)	-North End ) 1,088 SF  d (SP6-Rns 1,9(34) 2008 SF , (SP8-NE Grner)  Total # of Samples 122  me Received by Date/Time 10\1301

#### \* Run PLM + TEM simultaneously \*



Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only 1971988
Lab Order ID: 71971988

Specific Location	Volume/Area	Comments		
12x12 Camo #2 FT (SPG-RM /S)	382 Sf	Analyze tilo + masti		
		(if present)		
	<b>V</b>	1		
12x12 Tan Speckled FT (SPJ-Rm4)	240 SF			
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	1			
12×12 White Streated #2 FT	SSI SF			
(SP7-Rms St/S, SPG-Rm9(1/4))				
J.	1			
12×12 Rosun Specklad CT	495 SF			
	11			
	<b>V</b>			
9×9 Cream FT (SPG-RMS 6+16.	1675 SF			
SP7-Rm3+1-4) (SP7-Rm2)				
	<b>V</b>			
9×9 Brown Street FT (SPG-RMS 1,2,	4250 sf			
9x9 Brown Marbled FT (SPG-Rms 14+15)	272 SF			
Ů.	4			
9x9 Olive Green FT (SPZ-Rm 3 hallway	504 Sf			
only, Rm 4, S (In hidden chase only)				
V	<b>V</b>			
9×9 Brown Coffee FT (SP7-Rm 16),	225 SF			
<b>V</b>	V .	V		
Tan BBI (Sp3-Above ceiling to in east	4450 st	Analyze black ball		
uall, SP-6 RMS 6+16 ceiling, SP7-RM4		only		
all but southmall, RMS walls)	V			
Pink BBI (Sp6-Rm12 westwall, Rm	520 St			
13 nest wall, Rm 14 west wall, SP7-				
Rms ceiling)	4			
1x1 Wormhole CT Sp 3	30 SF	Analyze ceiling		
		tile only		
<b>1</b>	V	1/		
1'x1' Smooth CT Sp S	180 sf			
	12x12 Camo #2 FT (SPG-Rm IS) (SPI + adj) Top Layer  12x12 Tan Speckled FT (SP7-Rm 4) Top Layer  12x12 White Streaked #2 FT (SP7-Rms Stis, SPG-Rm 9(1/4))  12x12 Brown Speckled FT (SP7-Rm 13)  9x9 Cream FT (SPG-Rms 6+ 16, SP7-Rm 3+1-14), (SP7-Rm 2) Top + bottom Layers +  9x9 Brown Streaked FT (SPG-Rms 1,2, 3,4+hall, S, 7,8, 10, 11, 12, 13), (SP7-Rms 6-12) Top + bottom Layers  9x9 Brown Marbled FT (SPG-Rms 14+18) Top + Bottom Layers  9x9 Clive Green FT (SP7-Rm 3 hallway only, Rm 4, S (In hidden chase only)  9x9 Brown Coffee FT (SP7-Rm 16),  Tan BBI (Sp3-Above ceiling + in east wall, SP-6 Rms 6+16 ceiling, SP7-Rm4 all but southwall, Rm S walls)  Pink BBI (Sp6-Rmi2 west wall, Rm 13 west wall, Rm 14 west wall, SP7- RmS ceiling)  1x1 Wormhole CT Sp3	12x12 Camo #2 FT (SPG-Rm IS) 382 Sf  (SP1+adj) 10p Layer  12x12 Tan Speckled FT (SP7-Rm 4) 240 Sf  Top Layer  12x12 White Streaked #2 FT SSI Sf  (SP7-Rms StIS, SFG-Rm 9 (1/4))  12x12 Brown Speckled FT (SPG-Rms 6t 1G, 1675 Sf  (Sp7-Rm 13) J  9x9 Cream FT (SPG-Rms 6t 1G, 1675 Sf  SP7-Rm 3+b+4) (SP7-Rm 2)  10p+ bottom Layers V  9x9 Brown Streaked FT (SPG-Rms 1,2, 4250 Sf  3,4+hall, S, 7,8, 10, 11, 12, 13),  (SP7-Rms 6-12) 10p+ bottom Layers  9x9 Brown Marbled FT (SPG-Rms 14+15) 272 Sf  Top+ Bottom Layers  9x9 Brown Coffee FT (SP7-Rm 3 hallway SO4 Sf  only, Rm 4, S (Qn Aidlen chase only)  4x9 Brown Coffee FT (SP7-Rm 16), 225 Sf  vall, SP-6 Rms 6t 1G celling tin east 4450 sf  vall, SP-6 Rms 6t 1G celling tin east 4450 sf  vall, SP-6 Rms 6t 1G celling tin east 4450 sf  vall, SP-6 Rms 6t 1G celling tin east 4450 sf  vall, SP-6 Rms 6t 1G celling tin east 4450 sf  vall but southwall, Rm S valls)  Pink BBI (Sp6-Rm12 west wall, Rm So SF  RmS ceiling)  (x1 Wormhole CT Sp 3		

#### \* Run PLM+ TEM simultaneously \*



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 71971988
Client Code:

1'x1' Swirl CT (Sp6-Rms 1+6)	984 SF	A / :/
17. 0011	1111 41	Analyze ceiling
	1	tile only
ı	1	1
44 Brown too board (Sa 4)	HOSE LF	Anglyze toe boar
	MIOI	t mastic
4		
4" Black tophogra (505)	SG LF	
	1	
	V	
Master on wood panel (So6	1400 SE	Analyze mastic onl
	1	1
<b>V</b>	+	V
Red floor felt under wood floor	100 SF	Analyze felt only
		1
13+14)	U	<b>V</b> .
Mastric underneath stair mats	105 SF	Analyze mastic only
(SP7-2 Stairwells)	1	
	₩	<b>V</b>
Vibration dampener (P7-Rm 1)	1 Unit Observed	Analyze damperer on
1		
V	V	1
Brown Kraft paper around yellow	1120 St	Analyze kraft paper
fiberglass around HVAC duct		only
(Sp7-Rm1)+	4	
Surfacing plaster 1 (5p10)	660 SF	Anglyze skimcoa
		+ base coat.
4,	V	+
Surfacing plaster 2 (Sp9)	155 SF	
· · · · · · · · · · · · · · · · · · ·	<b>V</b>	<b>1</b>
Fire Hose (Sp8)		Analyze fire hose
	found	only
4		1 1
Thermal System Insulation, med		Analyze all TSI
diameter, straightrun (Sp 11)	System Lines	materials
(508)		4
diameter straight run (Spil)	Ψ.	Page 3 of
	Mastic underneath stair mats (SP7-2 Stairwells)  Vibration dampener (SP7-Rm1)  Brown Kraft paper around yellow fiberglass around HVAC duct (Sp7-Rm1)+ Surfacing plaster 1 (Sp10)  Surfacing plaster 2 (Sp9)  Fire Hose (Sp8)  Thermal System Insulation, med diameter, straightrun (Sp11)  V (Sp8)  Thermal System Insulation, large	Wastiz on wood punel (Sp6. 1400 Sf Rms 6 + 16)  Red floor felt under wood floor (SP7 - In hallway adjacent to rms 13 + 14)  Mastic underneath stair males 105 Sf (SP7 - 2 Stairwells)  Vibration dampener (P7-Rm1) I Unit Observed (Sp7 - Rm1) + Surfacing plaster 1 (Sp10) 660 Sf  Surfacing plaster 2 (Sp9) 155 Sf  Fire Hose (Sp8) All Fire hoses found  Thermal System Insulation, med diameter, Straightrun (Sp11) System Lines  (Sp8)  Thormal System Insulation, large

#### \* RVN PLM+TEM simultaneously\*



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	719719	88
Client Code: _		

Sample ID #	Specific Location	Volume/Area	Comments	
DW-31-41	Drywall joint compound	< 5000 SF	Analyze drywell	
DW-31-92	, , , , , ,	1	and soint compound	
DW-31-43		•	onk.	
DW-31-94				
DW-31-95	· V	V	. 4	
TSI-32-96	Thermal System Insulation, small	Process	Analyze all TSI	
TSI-32-97	dia pipes, straight run (SD11)	system lines	materials	
TSI-32-98	(\$\ 8)	1		
TSI-33-99	Thermal System Insulation, large			
TSI-33-100	dia pipes, hard joints (SpII)			
TSI-33-101	<b>V</b>			
TSI-34-102	Thermal System Insulation, med			
TSI-34-103	da pipes, hard joints (Sp8+Sp11)			
TSI-34-104	1			
TSI-35-105	Thermal System Insulation, small			
TSI -35-106	dia pipes, hard joints (Spsy Sp 11)			
TSI-35-107	4	V	V	
DW-36-108	Canuas Wrap plus TSI on HVAC	HVAC componen	s Analyze all layers	
DW-36-109	ducts (Sp 6 t Sp7)	1	present	
DW-36-110				
CW -37-111	HVAC Water pipes Canvas wrap Straight Runs (Sp6 + Sp7)			
CW-37-112	Straight Runs (Sp6 + Sp7)			
CW-37-113	V			
HJ-38-114	HVAC Water pipes Canuas wap			
HJ-38-115	Hard Joints (Sp6 DSp7)			
41-39-116		<b>V</b>	, Y	
6-39-117	Gaskets (	All Gaskots	Analyze gasket	
6-39-118	1	observed on	only	
G -39-119		process system		
	<u> </u>	flanges,	V	
LDP-40-120	Loading dock pads	flanges 5 Loading	Analyze pads	
LDP-40-120	J .	dock pads	only	
LDP-40-122	<u> </u>	observed	1	
	75.50			
			Page 4 of 4	



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning Lab Order ID:

**Analysis ID:** 

71972485

Charleston, SC 29407

Ron Sharpe

71972485 TB

**Date Received:** 

8/13/2021

D*	DD0E00501 D C 0/0/01	2 400 110001, 040	0.10.2021
Project:	PP0E00521- Roofs 8/9/21	Date Reported:	8/20/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Organic	Acid Sol. (Wt. %)	A	Asbestos (Wt. %)	LCL-UCL (Wt. %)
BUR-1-3	Built up roof membrane (Entire roof)	11%	-	None Detected		
71972485TBS_1						
C-3-9	Gray caulk on aluminum siding anchor points (Structure 2)	78%	-	0.22 % Chrysotile 0.20% - 0.		0.20% - 0.24%
71972485TBS_2						
F-4-12	Silver coated flashing on parapet wall (South parapet wall)	64%	-	None Detected		
71972485TBS_3						
F-6-18	Flashing on penetrations, structures, and parapet walls	65%	-	None Detected		
71972485TBS_4						
BUR-7-21	Warehouse 12 Built up roof membrane (Entire roof)	78%	-	None Detected		
71972485TBS_5						
F-8-24	Flashing on 4 HCS parapet walls (Caulk)	79%	-	0.41 %	Chrysotile	0.37% - 0.46%
71972485TBS_6						

Disclaimer: 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.

Daniel Schwartz (35)

Analyst

Approved Signatory



#### **Bulk Asbestos Analysis** by Transmission Electron Microscopy

#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

PP0E00521- Roofs 8/9/21

Attn: Sarah Browning Ron Sharpe

Lab Order ID: 71972485

Charleston, SC 29407

**Analysis ID:** 71972485 TB

**Date Received:** 

8/13/2021

**Date Reported:** 

8/20/2021

Sample ID	Description  Lab Notes	Organic (Wt. %)	Acid Sol.	A	Asbestos	
Lav Sample 1D	Lab Notes	(WI. 70)	(WL 70)		(Wt. %)	(Wt. %)
C-9-27	Caulk on parapet walls (On top)	56%	-	13 %	Chrysotile	12% - 14%
71972485TBS_7						
F-10-30	Flashing on parapet walls and 4 penetrations	70.%	-	None Detected		
71972485TBS_8						
C-11-33	Caulk on vents (12 vents)	80.%	-	None Detected		
71972485TBS_9						
BUR-12-36	Built up roof membrane (Entire roof)	67%	-	0.33 %	Chrysotile	0.30% - 0.37%
71972485TBS_10						
F-13-39	Flashing on parapet walls and penetrations	79%	_	0.21 %	Chrysotile	0.19% - 0.23%
71972485TBS_11						
M-14-42	Flashing mastic on parapet walls	51%	-	2.4 %	Chrysotile	2.2% - 2.7%
71972485TBS_12						

Disclaimer: 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.

Daniel Schwartz (35)

Analyst **Approved Signatory** 

T-F-010 r15 1/15/2018 tem\_2.2.001



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning Ron Sharpe

Lab Order ID: 71972485

Charleston, SC 29407

**Analysis ID:** 

71972485 TB

**Date Received:** 

8/13/2021 8/20/2021

		Date Received.
Project:	PP0E00521- Roofs 8/9/21	
i i ojecu.	11 0E00321- Roots 8/9/21	Date Reported:

Sample ID	Description	Organic	Acid Sol.	Asbestos		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
C-15-45	Caulk on flashing on parapet walls	50.%	1	0.50 %	Chrysotile	0.45% - 0.55%
71972485TBS_13						
C-16-48	Caulk on vents (3 vents only)	47%	1	0.54 %	Chrysotile	0.48% - 0.59%
71972485TBS_14						
BUR-17-51	Built up roofing (Entire roof)	82%		None Detected		
71972485TBS_15						
F-18-54	Flahing of parapet walls and penetrations	48%	1	0.52 %	Chrysotile	0.47% - 0.58%
71972485TBS_16						
C-19-57	Caulk on top of parapet all	61%		12 %	Chrysotile	10.% - 13%
71972485TBS_17						
BUR-20-60	Built up roofing (Entire roof)	55%	-		None Detected	
71972485TBS_18						

Disclaimer: 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.

Daniel Schwartz (35)

Analyst

**Approved Signatory** 



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning

Lab Order ID:

71972485

Charleston, SC 29407

Ron Sharpe

**Analysis ID:** 

71972485 TB

**Project:** PP0E00521- Roofs 8/9/21 **Date Received: Date Reported:**  8/13/2021 8/20/2021

Sample ID	Description	Organic	Acid Sol.	A	Asbestos	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
F-23-69-a	Flashing on parapet walls, penetrations and structures	48%	1	None Detected		
71972485TBS_19	black					
F-23-69-b	Flashing on parapet walls, penetrations and structures	55%	-	4.5 % Chrysotile 4.1% - 5.0		4.1% - 5.0%
71972485TBS_35	silver					
TSI-24-72	Thermal system insulation (on 2 units adjacent to structure 1)	59%	-	None Detected		
71972485TBS_20						
BUR-25-75	Built up roofing (Entire roof)	84%		None Detected		
71972485TBS_21						
F-26-78	Flashing on parapet walls and penetrations on main level (30 penetrations)	67%	-	1.0 %	Chrysotile	0.90% - 1.1%
71972485TBS_22						
F-27-81	Flashing on parapet walls and 18 penetrations on upper level	72%	-		None Detected	
71972485TBS_23						

Disclaimer: 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.

Daniel Schwartz (35)

Analyst

Approved Signatory



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Charleston, SC 29407

Attn: Sarah Browning

Lab Order ID:

71972485

Ron Sharpe

**Analysis ID:** 

71972485 TB

D	DD0E00521 D C 0/0/21	Date Received:	8/13/2021
Project:	PP0E00521- Roofs 8/9/21	Date Reported:	8/20/2021

Sample ID	Description	Organic	Acid Sol.	A	Asbestos	
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)	(Wt. %)		(Wt. %)
F-28-84	Flashing on upper level west parapet wall only	46%	-	27 %	Chrysotile	24% - 30.%
71972485TBS_24						
BUR-29-87	Built up roofing (Entire roof)	88%	-	None Detected		
71972485TBS_25						
F-30-90-a	Flashing on north parapet wall	89%		None Detected		
71972485TBS_26	flashing					
F-30-90-b	Flashing on north parapet wall	80.%	1	None Detected		
71972485TBS_32	felt					
F-30-90-c	Flashing on north parapet wall	72%		0.57 %	Chrysotile	0.51% - 0.62%
71972485TBS_31	membrane					
F-31-93-a	Flashing on remaining parapet walls and penetrations (25)	52%	-		None Detected	
71972485TBS_33	flashing 1 white					

Disclaimer: 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.

Daniel Schwartz (35)

Analyst



#### Semi-Quantitative Chatfield SOP 1988-02 Rev. 1

Customer: GEL Engineering, LLC

2040 Savage Road

Attn: Sarah Browning Ron Sharpe

Lab Order ID:

71972485

Charleston, SC 29407

**Analysis ID:** 

71972485 TB

**Project:** PP0E00521- Roofs 8/9/21

**Date Received: Date Reported:**  8/13/2021 8/20/2021

Sample ID		Organic	501.	Asbestos		LCL-UCL
Lab Sample ID	Lab Notes	(Wt. %)	(Wt. %)		(Wt. %)	(Wt. %)
F-31-93-b	Flashing on remaining parapet walls and penetrations (25)	73%	1	0.27 %	Chrysotile	0.24% - 0.29%
71972485TBS_27	flashing 2 silver					
TSI-34-102-a	Thermal system insulation (on blower vent)	61%		0.77 %	Chrysotile	0.69% - 0.85%
71972485TBS_28	silver					
TSI-34-102-b	Thermal system insulation (on blower vent)	62%	1	31 %	Chrysotile	28% - 34%
71972485TBS_34	brown					
C-35-105	Flashing caulk (SW corner)	64%	_	None Detected		
71972485TBS_29						
C-36-108	Caulk on top of parapet walls	64%	-	11 %	Chrysotile	9.8% - 12%
71972485TBS_30						

Disclaimer: 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.

Daniel Schwartz (35)

Analyst



#### Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

7197248	5
Lab Use Only Lab Order ID:	482

Company Cont	tact Information				Asbestos	Test Typ	es
Company: GEL Enc	lineering, LLC	Contact: Ron Sharpe Sorah Browning		PLM EPA 600/R-	93/116 (PLM)	X	
	avage Road	Phone : 843 769-7378		Positive stop			
	ton, SC 29407	Fax []: 843/769-7397		PLM Point Count	400 (PT4)		
,		Email X: Your	- de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la consta		PLM Point Count	1000 (PTM)	C
		5arah-brow		~ 1	PCM NIOSH 7400	-A Rules (PCM)	C
Billing/Invoice	Information	Turn Aro			B Rules (PCB)	TWA (PTA	A)[
Company:		90 Min.	48 Ho	eurs 🗌	TEM AHERA (A	HE)	T
Contact: Same		3 Hours	72 Ho	urs 🗌	TEM Level II (LII	D	
Address:	As .	6 Hours	96 Ho	urs 🗌	TEM NIOSH 740	2 (TNI)	
	Alorve	12 Hours	120 H	ours 🛮	TEM Bulk Qualita	ative (TBL)	
		24 Hours 🔲	144 <sup>+</sup> H	lours 🗌	TEM Bulk Chatfie	eld (TBS)	X
					TEM Bulk Quanti	itative (TBQ)	
PO Number:					TEM Wipe ASTM	1 D6480-05	
Project Name/Nu	mber: PPOE005	521~ Roofs	(819	9/21)	TEM Microvac AS	STM D5755-02	
	.1		-6	- V	TEM Water EPA	100.2 (TW1)	
	* Run PLH+TE	M simultaneo	justy ;	*	Other:		
V=TEM	Warehou			_			
Sample ID #	Description/			Volume/A	- 0	omments	
BUR-1-1	Built up most mem	Drane (Entire 1	Roof)	115,000	St Analyz	call lay	ers
BUR-1-2	, i					1 1	
BUR-1-3	<u> </u>			.4		4	_
CB-2-4	Cement Board Sid	ing (Structure	3)	1600 S	Analyz	e comen	<u> </u>
CB-1-5		3			board	only	
CB-2-6				J.		V 1	_
C-3-7	Gray Caulk on 91	luminum si	ding	15	Analoge	CAULK on	4
C-3 -8	anchor points	(Stucture 2)			/		/
C-3-9				4		V	
F-4-10	Silver coated flashi	ng on parap	et	420 SF	Analyze	all lave	15
F-441	wall (Sou	th parapet we	211)		/		
F- 4-/12/	1			V	Total # of	Samples 108	2
Relinqu	ished by Date	e/Time	^	Received by	у .	Date/Ti	me
Lues V	duson 8/12/	218 1800	· Lu			8 13	j
(						10:301	m
		Acc	epte ecte		Pa	ge of AF017 EXP.	

7	0	77	4	8	5
---	---	----	---	---	---



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71972U82
Client Code: _	

\* Run PLM+ TEM simultaneously \*

Sample ID #	Specific Location	Volume/Area	Comments		
CB-5-13	Cement board 2 under BUR	24000 SF	Analyze coment board		
CB-5-14	membrane		of v		
CB-5-15	V	1	1		
F-6-16	Flashing on penetrations, structures	~ 150 penetrations	Analyze all lavers		
F-6-17	and parapet walls	5775 SF	7-7-1		
F-6-18		1.	4		
	WAREHOUSE 12 1				
BUR-7-19	Ruit up roof membrane (Entire Roof)	67,400 Sf	Analyze all layers		
BUR-7-20		1			
BUR-7-21	WK V	<b>V</b>	J. H.		
F-8-22	Flashing on 48 para pet walls and	921 SF			
F-8-23	4 peretrations (Caulk)				
F-8-24		1	4		
C-9-25	Caulk on parapet walls (On top)	721 Lf			
C-9-26					
6-9-27	4 , , , ,	4	V		
F-10-28	Flashing on parapet walls and	1025 Sf			
/ F-10 - 29	4 penetrations				
F-10-30	6 11.	15 11	<b>-</b>		
C-11-31	Caulk on vents (12 Vents)	12 Vents			
C-11-37					
C-11 - 33	WIODCHOUSE &	V	<u> </u>		
	WAREHOUSE 9	112 5-000	A		
RUR-12-34	a Built up roof membrane (Entire Roof)	75,500 54	Amalyze all layer		
0110 12-24					
BUK-17-33	1/	nac			
F-13-37	Flashing, on parapet walls and	125 V			
F-13-38	Flashing on parapel walls and	100			
E-13-39	penetrations	nacil			
M-14-40	Flashing mastiz on parapetwalls	1225U 116905 LF	Analyze mastic		
M-19-41	Figuring mastic on puraper waits	NOTES LA	only		
M-18-42			July L		
1-15-42	Caulk on flashing on parapet walls	1050 LF	Analyze coulk only		
1 (-15-14	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	1000	maryer run on		
C-15- UK					
C-16-46	Coult on vents (3 Ventsonly)	3 Vents			
C-16 -47	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	0 00113			
VC-16 -48		*	Page 2 of L		



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sallab.com

Lab Use Only Lab Order ID: 11912487 Client Code:

\* Run PLM + TEM simultaneously \*

Sample ID #	Specific Location	Volume/Area	Comments		
	WAREHOUSE 11		•		
BUR-17-49	Built up roofing (Entire Roof)	38,950 58	Analyze all layers		
BUR-17-50	T P	. 77	/       /		
BUR-17-51		V			
F-18-52	Flashing, of parapet walls and	2080 SF			
1 F-18-53	penetrations.				
F-18-54	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	4		
C-19-55	Caulk on top of parapet well	575 LF	Analyze caulk only		
C-19-56	1 ' 1'		, , ,		
C-19-57	WAREHOUSE 10	7	V		
BUR-20-58	Built up roofing (Entire Roof)	33, KOSF	Analyze all layors		
BUR-20-59	, ,		/ / /		
BUR-20-60	10 10	01/50 00	Y .		
CB-21-61	Cement Board (Corrugated)	2450 SF	Analyze Cement		
08-21-62	(Structuctures 1-3)		Board only		
CB-21-63	Co. + Dood (Ct int Dool)	2450.Sf			
CB-27-64	Cement Board (Straight Panel) 1 (Structures HZ)	2450.ST			
CB-22-66	(Situatives N Z)	1	1		
F-23-67	Flashing on parapet walls, penetration	1680 SF	Analyze all layers		
F-23 -64	and Structures.	1000	Tarilya un rayer		
F-23 -69	did Sirvelly C.				
TST-24-70	Thormal System Insulation (on 2 units	88 80 SF			
151-24-71	adjacent to structure 1)	(hits 81+115)	4		
TST-24-72	1	J			
	WARE HOUSE 13				
BUR-25-73	Built up Roofing (Entire Roof)	84 81056 SF	Analyze all lakers		
/ BUR-25-74					
BUR-25-75	·	-			
E-26-76	Flashing on parapet walls and	1390 SF	Partition		
F-26-77	penetrations on main level				
F-26-78	(~30 penetrations)	<b>V</b>			
F-27-79	Flashing on parapet walls and	965 SF			
F-27-80	18 penetrations on upper level				
F-27-81	4	V			
F-26-82	Flashing on upper level west	285 SF			
F-28-83	parapet well only				
1-28-84		V	Page 3 of 4		



# Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: THYTUY?
Client Code:

\* Run PLM+ TEM simultaneously\*

Sample ID #	Specific Location	Volume/Area	Comments
	WAREHOUSE 14		A 11 11
BUR -29-85	Built Up Roofing (Entire Roof)	76,860 SF	Analyze all layers
BUR-29-86	Ψ	1	
BUR-29-87	V	1	
F-30-88	Flashing on north parapet wall	122 SF	
F-30-89			
F-30-90	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	
F-3 - 91	Flashing on remaining parapet walls and penetrations (~25)	2025 SF	
F-31-92	walls and penetrations (~25)		
F-31-93		10000	
CB-32-94	Cement board from structure!	290 SF	Analyse coment boars
CB-32-95	(Straight)		only
CB-37-96 CB-33-97	Cement board from structure 2	660 SF	· Y
CB-33-94 CB-33-98	(Corrugated) 2 Sides	660 37	
(R-33-99	Contogoted / 2 states		
TSI-34-100	thermal System Insulation Con blower	360 SF	Analyze All Layers
151-34-101	vent)		
TST-34-102	1		V
C-35-103	Flashing caulk (W Corner)	80 LF	Analyze caulk only
C-35-104			
C-35-105		V	
C-36-106	Caulk on top of parapet walls	1100 LF	
C-36-107	1 '1		
(-36-108	1	V	<b>V</b>
		-	
		1	



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM **Date Received:** 8/13/2021 **Date Reported: 8/20/2021** 

**Project:** PP0E00521- Roofs 8/9/21

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
BUR-1-1 - A	Built up roof membrane (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_1	built up roofing				Dissolved
BUR-1-1 - B	Built up roof membrane (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_109	insulation				Teased
BUR-1-2 - A	Built up roof membrane (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_2	built up roofing				Dissolved
BUR-1-2 - B	Built up roof membrane (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_110	insulation	1			Teased
BUR-1-3	Built up roof membrane (Entire roof)	Not Analyzed			
71972482PLM_3	built up roofing-TEM				
CB-2-4	Cement board siding (Structure 3)	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
71972482PLM_4					Crushed
CB-2-5	Cement board siding (Structure 3)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_5					Crushed
CB-2-6	Cement board siding (Structure 3)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_6					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 (123)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported: 8/20/2021** 

Sample ID	Description	A albantan	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
C-3-7	Gray caulk on aluminum siding anchor points (Structure 2)	None Detected		100% Other	Gray Non Fibrous Homogeneous
71972482PLM_7					Dissolved
C-3-8	Gray caulk on aluminum siding anchor points (Structure 2)	None Detected		100% Other	Gray Non Fibrous Homogeneous
71972482PLM_8					Dissolved
C-3-9	Gray caulk on aluminum siding anchor points (Structure 2)	Not Analyzed			
71972482PLM_9	TEM				
F-4-10	Silver coated flashing on parapet wall (South parapet wall)	None Detected		100% Other	Silver, Black Non Fibrous Homogeneous
71972482PLM_10	-			Dissolved	
F-4-11	Silver coated flashing on parapet wall (South parapet wall)	None Detected		100% Other	Silver, Black Non Fibrous Homogeneous
71972482PLM_11					Dissolved
F-4-12	Silver coated flashing on parapet wall (South parapet wall)	Not Analyzed			
71972482PLM_12	TEM				
CB-5-13	Cement board 2 under BUR membrane	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_13	1				Crushed
CB-5-14	Cement board 2 under BUR membrane	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_14	1				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 (123)

Analyst



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM **Date Received:** 8/13/2021

**Date Reported: 8/20/2021** 

**Project:** PP0E00521- Roofs 8/9/21

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CB-5-15	Cement board 2 under BUR membrane	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_15					Crushed
F-6-16	Flashing on penetrations, structures, and parapet walls	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_16					Dissolved
F-6-17	Flashing on penetrations, structures, and parapet walls	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_17					Dissolved
F-6-18	Flashing on penetrations, structures, and parapet walls	Not Analyzed			
71972482PLM_18	TEM				
BUR-7-19 - A	Warehouse 12 Built up roof membrane (Entire roof)	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_19	built up roofing				Dissolved
BUR-7-19 - B	Warehouse 12 Built up roof membrane (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_111	insulation				Teased
BUR-7-20 - A	Warehouse 12 Built up roof membrane (Entire roof)	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_20	built up roofing				Dissolved
BUR-7-20 - B	Warehouse 12 Built up roof membrane (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_112	insulation				Teased

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 (123)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported: 8/20/2021** 

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
BUR-7-21	Warehouse 12 Built up roof membrane (Entire roof)	Not Analyzed			
71972482PLM_21	built up roofing-TEM				
F-8-22	Flashing on 4 HCS parapet walls (Caulk)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71972482PLM_22					Dissolved
F-8-23	Flashing on 4 HCS parapet walls (Caulk)	None Detected		100% Other	Tan Non Fibrous Homogeneous
71972482PLM_23					Dissolved
F-8-24	Flashing on 4 HCS parapet walls (Caulk)	Not Analyzed			
71972482PLM_24	TEM				
C-9-25	Caulk on parapet walls (On top)	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71972482PLM_25					Dissolved
C-9-26	Caulk on parapet walls (On top)	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71972482PLM_26					Dissolved
C-9-27	Caulk on parapet walls (On top)	Not Analyzed			
71972482PLM_27					
F-10-28	Flashing on parapet walls and 4 penetrations	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous

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 (123)

Analyst

Approved Signatory

71972482PLM 28

Dissolved



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
F-10-29	Flashing on parapet walls and 4 penetrations	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_29					Dissolved
F-10-30	Flashing on parapet walls and 4 penetrations	Not Analyzed			
71972482PLM_30	TEM				
C-11-31	Caulk on vents (12 vents)	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_31					Dissolved
C-11-32	Caulk on vents (12 vents)	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_32					Dissolved
C-11-33	Caulk on vents (12 vents)	Not Analyzed			
71972482PLM_33	TEM				
BUR-12-34 - A	Built up roof membrane (Entire roof)	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_34	built up roofing				Dissolved
BUR-12-34 - B	Built up roof membrane (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_113	insulation				Teased
BUR-12-35 - A	Built up roof membrane (Entire roof)	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_35	built up roofing	Tione Detected			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 (123)

Analyst



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components		Treatment
BUR-12-35 - B	Built up roof membrane (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_114	insulation				Teased
BUR-12-36 - A	Built up roof membrane (Entire roof)	Not Analyzed			
71972482PLM_36	built up roofing-TEM				
BUR-12-36 - B	Built up roof membrane (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_115	insulation				Teased
F-13-37	Flashing on parapet walls and penetrations	None Detected	20% Synthetic Fibers	80% Other	Black Fibrous Homogeneous
71972482PLM_37					Dissolved
F-13-38	Flashing on parapet walls and penetrations	None Detected	20% Synthetic Fibers	80% Other	Black Fibrous Homogeneous
71972482PLM_38	1				Dissolved
F-13-39	Flashing on parapet walls and penetrations	Not Analyzed			
71972482PLM_39	TEM				
M-14-40	Flashing mastic on parapet walls	15% Chrysotile		85% Other	Black Fibrous Homogeneous
71972482PLM_40	1				Dissolved
M-14-41	Flashing mastic on parapet walls	15% Chrysotile		85% Other	Black Fibrous Homogeneous
71972482PLM 41					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 (123)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID	Description	,	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
M-14-42	Flashing mastic on parapet walls	Not Analyzed			
71972482PLM_42					
C-15-43	Caulk on flashing on parapet walls	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_43					Dissolved
C-15-44	Caulk on flashing on parapet walls	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_44					Dissolved
C-15-45	Caulk on flashing on parapet walls	Not Analyzed			
71972482PLM_45	TEM				
C-16-46	Caulk on vents (3 vents only)	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_46					Dissolved
C-16-47	Caulk on vents (3 vents only)	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_47					Dissolved
C-16-48	Caulk on vents (3 vents only)	Not Analyzed			
71972482PLM_48	TEM				
BUR-17-49 - A	Built up roofing (Entire roof)	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_49	built up roofing				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 (123)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
BUR-17-49 - B	Built up roofing (Entire roof)	None Detected	95% Cellulose	5% Other	Brown Fibrous Homogeneous
71972482PLM_116	insulation				Teased
BUR-17-50 - A	Built up roofing (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_50	built up roofing				Dissolved
BUR-17-50 - B	Built up roofing (Entire roof)	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71972482PLM_117	insulation				Dissolved
BUR-17-51	Built up roofing (Entire roof)	Not Analyzed			
71972482PLM_51	built up roofing-TEM				
F-18-52	Flahing of parapet walls and penetrations	None Detected	10% Fiber Glass 10% Cellulose	80% Other	Black Fibrous Homogeneous
71972482PLM_52	1				Dissolved
F-18-53	Flahing of parapet walls and penetrations	None Detected	10% Fiber Glass 10% Cellulose	80% Other	Black Fibrous Homogeneous
71972482PLM_53	-				Dissolved
F-18-54	Flahing of parapet walls and penetrations	Not Analyzed			
71972482PLM_54	TEM	v			
C-19-55	Caulk on top of parapet all	5% Chrysotile		95% Other	Beige Non Fibrous Homogeneous
71972482PLM_55	-				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 (123)



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Samula ID	Description	T		T	Attributes
Sample ID  Lab Sample ID	Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Treatment
C-19-56	Caulk on top of parapet all	5% Chrysotile	T T T T T T T T T T T T T T T T T T T	95% Other	Beige Non Fibrous Homogeneous
71972482PLM_56					Dissolved
C-19-57	Caulk on top of parapet all	Not Analyzed			
71972482PLM_57					
BUR-20-58 - A	Built up roofing (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_58	built up roofing				Dissolved
BUR-20-58 - B	Built up roofing (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_118	insulation				Teased
BUR-20-59 - A	Built up roofing (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_59	built up roofing				Dissolved
BUR-20-59 - B	Built up roofing (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_119	insulation				Teased
BUR-20-60	Built up roofing (Entire roof)	Not Analyzed			
71972482PLM_60	TEM	·			
CB-21-61	Cement board (Corrugated) (Structures 1-3)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_61					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 (123)

Analyst



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
CB-21-62	Cement board (Corrugated) (Structures 1-3)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_62					Crushed
CB-21-63	Cement board (Corrugated) (Structures 1-3)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_63					Crushed
CB-22-64	Cement board (Straight panel) (Structures 1 & 2)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_64					Crushed
CB-22-65	Cement board (Straight panel) (Structures 1 & 2)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_65					Crushed
CB-22-66	Cement board (Straight panel) (Structures 1 & 2)	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_66					Crushed
F-23-67	Flashing on parapet walls, penetrations and structures	15% Chrysotile	5% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_67					Dissolved
F-23-68	Flashing on parapet walls, penetrations and structures	15% Chrysotile	5% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_68					Dissolved
F-23-69	Flashing on parapet walls, penetrations and structures	Not Analyzed			
71972482PLM_69					

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 (123)

Analyst



# **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
TSI-24-70	Thermal system insulation (on 2 units adjacent to structure 1)	None Detected	20% Wollastonite	80% Other	Black Fibrous Homogeneous
71972482PLM_70					Dissolved
TSI-24-71	Thermal system insulation (on 2 units adjacent to structure 1)	None Detected	20% Wollastonite	80% Other	Black Fibrous Homogeneous
71972482PLM_71					Dissolved
TSI-24-72	Thermal system insulation (on 2 units adjacent to structure 1)	Not Analyzed			
71972482PLM_72	TEM	•			
BUR-25-73 - A	Built up roofing (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_73	built up roofing				Dissolved
BUR-25-73 - B	Built up roofing (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_120	insulation				Teased
BUR-25-74 - A	Built up roofing (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_74	built up roofing				Dissolved
BUR-25-74 - B	Built up roofing (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_121	insulation				Teased
BUR-25-75	Built up roofing (Entire roof)	Not Analyzed			
		-			

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 (123)

Analyst

Approved Signatory

71972482PLM 75

TEM



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID Description  Lab Sample ID Lab Notes	Description	- Asbestos	Fibrous	Non-Fibrous	Attributes
	Lab Notes		Components	Components	Treatment
F-26-76	Flashing on parapet walls and penetrations on main level (30 penetrations)	10% Chrysotile	10% Synthetic Fibers 10% Fiber Glass	70% Other	Black Fibrous Homogeneous
71972482PLM_76					Dissolved
F-26-77	Flashing on parapet walls and penetrations on main level (30 penetrations)	10% Chrysotile	15% Synthetic Fibers	75% Other	Black Fibrous Homogeneous
71972482PLM_77					Dissolved
F-26-78	Flashing on parapet walls and penetrations on main level (30 penetrations)	Not Analyzed			
71972482PLM_78					
F-27-79	Flashing on parapet walls and 18 penetrations on upper level	None Detected	15% Fiber Glass	85% Other	Silver, Black Fibrous Homogeneous
71972482PLM_79					Dissolved
F-27-80	Flashing on parapet walls and 18 penetrations on upper level	None Detected	15% Fiber Glass	85% Other	Silver, Black Fibrous Homogeneous
71972482PLM_80					Dissolved
F-27-81	Flashing on parapet walls and 18 penetrations on upper level	Not Analyzed			
71972482PLM_81	TEM				
F-28-82	Flashing on upper level west parapet wall only	10% Chrysotile	5% Fiber Glass	85% Other	Black Fibrous Homogeneous
71972482PLM_82					Dissolved
F-28-83	Flashing on upper level west parapet wall only	10% Chrysotile	5% Fiber Glass	85% Other	Black Fibrous Homogeneous
		20,0 Only some			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 (123)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM **Date Received:** 8/13/2021

**Date Reported:** 8/20/2021

Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID					Treatment
F-28-84	Flashing on upper level west parapet wall only	Not Analyzed			
71972482PLM_84					
BUR-29-85 - A	Built up roofing (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_85	built up roofing				Dissolved
BUR-29-85 - B	Built up roofing (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_122	insulation				Teased
BUR-29-86 - A	Built up roofing (Entire roof)	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
71972482PLM_86	built up roofing				Dissolved
BUR-29-86 - B	Built up roofing (Entire roof)	None Detected	98% Fiber Glass	2% Other	Yellow Fibrous Homogeneous
71972482PLM_123	insulation				Dissolved
BUR-29-87	Built up roofing (Entire roof)	Not Analyzed			
71972482PLM_87	TEM				
F-30-88	Flashing on north parapet wall	None Detected	10% Fiber Glass	90% Other	Silver, Black Fibrous Homogeneous
71972482PLM_88					Dissolved
F-30-89	Flashing on north parapet wall	None Detected	10% Fiber Glass	90% Other	Silver, Black Fibrous Homogeneous
71972482PLM 89					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 (123)

Analyst



## **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Description	A -14	Fibrous Components	Non-Fibrous Components	Attributes
Lab Notes	Asbestos			Treatment
Flashing on north parapet wall	Not Analyzed			
TEM				
Flashing on remaining parapet walls and penetrations (25)	None Detected	15% Fiber Glass	85% Other	Black Fibrous Homogeneous
-				Dissolved
Flashing on remaining parapet walls and penetrations (25)	None Detected	15% Fiber Glass	85% Other	Black Fibrous Homogeneous
-				Dissolved
Flashing on remaining parapet walls and penetrations (25)	Not Analyzed			
TEM	-			
Cement board from structure 1 (Straight)	20% Chrysotile		80% Other	Gray Fibrous Homogeneous
				Crushed
Cement board from structure 1 (Straight)	20% Chrysotile		80% Other	Gray Fibrous Homogeneous
				Crushed
Cement board from structure 1 (Straight)	20% Chrysotile		80% Other	Gray Fibrous Homogeneous
1				Crushed
Cement board from structure 2 (Corrugated) 2 sides	20% Chrysotile		80% Other	Gray Fibrous Homogeneous
				Crushed
	Flashing on north parapet wall  TEM  Flashing on remaining parapet walls and penetrations (25)  Flashing on remaining parapet walls and penetrations (25)  Flashing on remaining parapet walls and penetrations (25)  TEM  Cement board from structure 1 (Straight)  Cement board from structure 1 (Straight)  Cement board from structure 1 (Straight)	Flashing on north parapet wall  TEM  Flashing on remaining parapet walls and penetrations (25)  Flashing on remaining parapet walls and penetrations (25)  Flashing on remaining parapet walls and penetrations (25)  Flashing on remaining parapet walls and penetrations (25)  None Detected  None Detected  Not Analyzed  TEM  Cement board from structure 1 (Straight)  20% Chrysotile  Cement board from structure 1 (Straight)  20% Chrysotile  Cement board from structure 1 (Straight)  Cement board from structure 2 (Corpusated) 2 sides	Rashing on north parapet wall   Not Analyzed	Lab Notes   Asbestos   Components   Components

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 (123)

Analyst



#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407 Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

**Analysis ID:** 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

<b>Project:</b>	PP0E00521- Roofs 8/9/21

Sample ID	Description		Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
СВ-33-98	Cement board from structure 2 (Corrugated) 2 sides	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_98	_				Crushed
CB-33-99	Cement board from structure 2 (Corrugated) 2 sides	15% Chrysotile		85% Other	Gray Fibrous Homogeneous
71972482PLM_99					Crushed
TSI-34-100	Thermal system insulation (on blower vent)	15% Chrysotile	5% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_100	-				Dissolved
TSI-34-101	Thermal system insulation (on blower vent)	15% Chrysotile	5% Fiber Glass	80% Other	Black Fibrous Homogeneous
71972482PLM_101	1				Dissolved
TSI-34-102	Thermal system insulation (on blower vent)	Not Analyzed			
71972482PLM_102	1				
C-35-103	Flashing caulk (SW corner)	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_103	1				Dissolved
C-35-104	Flashing caulk (SW corner)	None Detected		100% Other	Beige Non Fibrous Homogeneous
71972482PLM_104	1				Dissolved
C-35-105	Flashing caulk (SW corner)	Not Analyzed			
71972482PLM_105	TEM				

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 (123)

Analyst



71972482PLM\_108

#### **Bulk Asbestos Analysis**

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





Customer: GEL Engineering, LLC

2040 Savage Road Charleston, SC 29407

PP0E00521- Roofs 8/9/21

Attn: Ron Sharpe Sarah Browning **Lab Order ID:** 71972482

Analysis ID: 71972482 PLM

**Date Received:** 8/13/2021 **Date Reported:** 8/20/2021

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
C-36-106	Caulk on top of parapet walls	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71972482PLM_106	_				Dissolved
C-36-107	Caulk on top of parapet walls	3% Chrysotile		97% Other	Beige Non Fibrous Homogeneous
71972482PLM_107					Dissolved
C-36-108	Caulk on top of parapet walls	Not Analyzed			
	_	1			

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 (123)



Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

	71972482
Client Code: _	

Company Con	tact Information				Asbestos	Test Typ	es
Company: GEL Engineering, LLC		Contact: Ron Sharpe/Sarah Browning		PLM EPA 600/R-9	93/116 (PLM)	X	
Address: 2040 Savage Road		Phone : 843 769 - 7378		Positive stop			
	ston, SC 29407		169-7		PLM Point Count	400 (PT4)	
		Email X: You'd	id.sha	pe@gel.com	PLM Point Count	1000 (PTM)	
		5arah-brow			PCM NIOSH 7400-	A Rules (PCM)	
Billing/Invoice	Information	Turn Aro			B Rules (PCB)	] TWA (PTA	4) 🗆
Company:		90 Min.	48 Ho	urs 🗌	TEM AHERA (AI	HE)	
Contact:	Same	3 Hours	72 Ho	urs 🗌	TEM Level II (LII	)	
Address:	As	6 Hours	96 Ho	urs 🗌	TEM NIOSH 7402	2 (TNI)	
	Albeve	12 Hours 🔲	120 H	ours 🛚	TEM Bulk Qualita	tive (TBL)	
		24 Hours 🔲	144 <sup>+</sup> H	lours 🗌	TEM Bulk Chatfie	ld (TBS)	X
					TEM Bulk Quantit	tative (TBQ)	
PO Number:					TEM Wipe ASTM	D6480-05	
Project Name/Nu	mber: PPOE005	21~ Ross	(8/9	7/21)	TEM Microvac ASTM D5755-02		
	.1		-6	ماد	TEM Water EPA	100.2 (TW1)	
	* Run PLN+TEI	M simultaneo	lusiy;	*	Other:		
V=TEM	Warehous						
Sample ID #	Description/l			Volume/A		omments	
BUR-1-1	Built up noof meml	Drane (Entire 1	Poof)	115,000	St Analyze	all laye	25
BUR-1-2	' 1					1 '	
BUR-1-3				.4		1	
CB-2-4	Cement Board Sid	ing (Structure	3)	1600 St	Analyze	coment	-
CB-2-5		J			board	only	
CB-2-6				1		V /	
C-3-7	Gray Caulk on 91	luminum si	ding	15	Analoge	caulk on	y
C-3 -8	anchor points		,		1		/
C-3-9				4		V	
F-4-10	Silver coated flashi	na on parab	et	420 SF	Analyze	all lave	15
F-4711		th parapet we			/		
F- 4-/12/	1			4	Total # of S	Samples 108	,
Relinqu	ijshed by Date	e/Time	^	Received by	у .	Date/Ti	ne
Lues VI	nduron 8/12/	218 1800	· lu			8 13	
(						10:300	n.
in			epte		Pa	ge of of A-F-017 EXP:	
		Rej	ected				



Scientific Analytical Institute
4604 Dundas Drive Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71972482	
Client Code: _		

\* Run PLM+ TEM simultaneously \*

L	Sample ID #	Specific Location	Volume/Area	Comments
	CB-5-13	Cement board 2 under BUR	24000 SF	Analyze coment board
L	CB-5-14	membrane		only
	CB-5-15	4	<b>1</b>	
	F-6-16	Flashing on penetrations, structures	~ 150 penetrations	Analyze all lavers
7	F-6-17	and parapet walls	5775 SF	7-7-7-7
X	F-6-18		V.	4
T	V IV	WARE HOUSE 12 1	V	<b>V</b>
T	BUR-7-19	Built up roof membrane (Entire Roof)	67,400 Sf	Analyze all layers
T	RUR -7-20	1	1	FINITE STITLES
十	BUR-7-21			
1	5-4-27	Flashing on 48 para pet walls and	921 SF	4
-	F-4-72	4 peretrations (Gulk)	16	
1	E-8-74	4 perenditoris (dotts)		
-	(-0. 26	Caulk on parafet walls (On top)	721 LF	
	C-9-20	Saute on parapet warts con top)	721 -1	
$\vdash$	(-9-27		1	
-	F-10-28	Flashing on parapet walls and	1025 Sf	Y
	/F-10-29		1023 31	
1	F-10 - 30	4 penetrations		
1	(-11-31	Caulk on vents (12 Vents)	12 Vents	Y
	C-11 - 37	Cavia on veris	12 Venis	
1	C-11 - 32			
-	C 11 35	WAREHOUSE 9	V	V
-		a Built up roof memorane (Entire Roof)	43,500 SF	Analysis all layers
H	BUR-12-34.	2 BALLI OD LOOK MEINDIAN (CALLE KOOK)	75,300 31	Analyze all layers
1	0110 12-37			
X	DVK-12 33		200	
-	BUR-12-36		125 V	
-	10-31	Flashing on parapet walls and	KSAUS SF	
X	F-13-38	penetrations,		
-	F-10-01	(L) (L) (L) (L) (L) (L) (L) (L) (L) (L)	12254	
	M-14-40	Flashing mastic on parapetwalls	45905 LF	Analyze mastic
Y	14-19-41			mly
1	M-14-42		10 6 10	1
-	L-15-43	Caulk on flashing on parapet walls	1050 LF	Analyze coulk only
1	L-15-44	<u> </u>	,	
1	C-15-45	V , , , ,	,	<b>b</b>
L	C-16-46	Caulk on vents (3 Ventsonly)	3 Vents	
	C-16 -47			
	VC-16-48	V	*	Page _ 2 of _ 4



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

\* Run PLM + TEM Simultaneously \*

Lab Use Only Lab Order ID: 1972487 Client Code:

Sample ID #	Specific Location	Volume/Area	Comments
	WAREHOUSE 11		
BUR-17-49	Built up roofing (Entire Roof)	38,950 SP	Analyze all layer
BUR-17-50	7		
BUR-17-51		1	
F-18-52	Flashing of parapet walls and	2080 SF	
1 F-18-53	penetrations,		
F-18-54	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	¥ ,
C-19-55	Caulk on top of paraget wall	575 Lf	Analyze caulk only
, C-19-56	1 / '		/
C-19-57	WAREHOUSE 10	7	<u> </u>
BUR-20-58	Built up roofing (Entire Roof)	33,150 SF	Anglyze all layors
BUR-20-59	, , , , , , , , , , , , , , , , , , , ,		
BUR-20-60	10 10 110	NICO SC	1 1 1
CB-21-61	Cement Board (Corrugated)	2450 SF	Analyze Cement
CB-21-62	(Structuctures 1-3)		Board only
CB-21-63 CR-22-64	(Co. 1 Paged (Ct. int Page))	2450.SF	
CB -21-64	Cement Board (Straight Panel) 1 (Structures HZ)	2420.21	
CB-22-66	(Situativesty 2)		1
F-23-67	Flashing on parapet walls, penetration	1680 SF	Analyze all layers
F-23-64	and Structures.	1	Total Injury
F-23 -69	3/4 3/11/2/17	-	
TSI-24-70	Thormal System Insulation (on 2 units	88 80 SF	
151-24-71	adjacent to structure 1)	(hits 81+115)	
TSI-24-72	1	1	1
	WARE HOUSE 13		
BUR-25-73	Built up Roofing (Entire Roof)	84 81056 SF	Analyze all layers
/ BUR-25-74	0		
BUR-25-75		V	
F-26-76	Flashing on parapet walls and	1390 SF	
1 - 26 - 77	penetrations on main level		
F-26-78	penetrations on main level (~30 penetrations)	V	
F-27-79	Flaching on parapot malk and	965 SF	
F-27-80	18 penetrations on upper level		
F-27-81	4	2000	
F-26-62	Flashing on upper level west	285 SP	
1-18-83	parapet wall only		
1-18-84	. • • • • • • • • • • • • • • • • • • •	V	Page 3 of L



#### Scientific Analytical Institute 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	71972482
Client Code:	

\* Run PLM+ TEM simultaneously\*

Sample ID #	Specific Location	Volume/Area	Comments
1 - 1 2 - M. J. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	WAREHOUSE 14		Λ
BUR-29-85	Built Up Roofing (Entire Roof)	76,880 SP	Analyze all layers
RUR-29-86	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	1	111 11/2
BUR-79-87		4	
F-30-88	Flashing on north parapet wall	122 SF	
F-30-99			
F-30-90		<b>V</b>	
F-31-91	Flashing on remaining parapet	2025 SF	
F-31-92	walls and penetrations (~25)	,	
F-31-93	` _	1	
CB-32-94	Cement board from structure 1	290 SF	Analyze coment board
CB-32-95	(Straight)		only)
CB-32-96		4	· ' \
CB-33-97	Cement board from structure 2	660 SF	
(D-33-99	(Corrugated) 2 Sides	1.	
CO 30 11	dramal Cod Incloser 10 11	360 SF	4 1 - 911 1 1000
TST-34-100	Mermal System Insulation Con blower	360 34	Analyze All Layers
TST - 24-107	vent)		
(-35-103	Flashing caulk (W Corner)	80 LF	Analyze caulk only
C-35-104	THISTING CLUTE EW COTTES	1	Analyze Choir Only
C-35-105			
C-26-106	Caulk on top of parapet walls	1100 LF	
C-36-107	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	)	
(-36-108		<b>V</b>	<b>V</b>
·			N.
		10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to	

# APPENDIX 4.5 ASBESTOS INSPECTOR'S LICENSE AND TRAINING CERTIFICATE



