

# **ASBESTOS INSPECTION REPORT**

# 4775 Towne Square Boulevard Suitland, MD 20746

Prepared for:

Redevelopment Authority of Prince Georges County
9200 Basil Court
Suite 504
Suitland, MD 20774

Inspection Dates: February 17 & 18, 2021

Report Date: March 3, 2021

Inspected by:

**Dharam Kissoondath** 

AHERA Certified Asbestos Building Inspector #: AIR12212020-6

(Expires on 12/21/2021)

**OSE Project Number: 21-1040A-ACM** 



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#### **EXECUTIVE SUMMARY**

One Source Environmental, LLC has contracted with the Redevelopment Authority of Prince Georges County to perform a pre-demolition asbestos inspection at 4775 Towne Square Blvd – Suitland, MD 20746. The objective of the survey was to provide documentation to the Client consisting of a listing of asbestos-containing materials that may be impacted during planned demolition activities.

Inspection activities were performed on February 17<sup>th</sup> & 18<sup>th</sup>, 2021 by Mr. Dharam Kissoondath, an AHERA certified Asbestos Building Inspector. Copies of current certifications can be found in Appendix C.

Inspection, sampling, material condition assessments, and analytical procedures for asbestos-containing building materials were performed in general accordance with the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) - EPA Title 40, Code of Federal Regulations (CFR), Part 61 Subpart M (40 CFR Part 61, Subpart M), Maryland Department of the Environment (MDE) regulations, and the EPA AHERA regulation (40 CFR Part 763). A total of eighty-five (85) bulk samples with one-hundred twenty-two (122) sample layers were analyzed by Polarized Light Microscopy (PLM).

#### Asbestos was identified within the following material:

4775 Towne Square Blvd – Suitland, MD 20746								
Material	Location	Percentage/ Type*	Material	Approx.	NESHAP			
iviateriai	Location	Percentage/ Type	Condition	Quantity	Category			
Exterior Window	Windows Throughout			102 Windows				
Caulk		3% Chrysotile	Good	@ 12 Linear	CAT II			
Caulk	building	Building		Feet Each				

Asbestos containing material (ACM) as defined by the MDE, EPA and OSHA are materials with an asbestos concentration of greater than 1% (>1%) as analyzed by polarized light microscopy (PLM). In addition, ACM is designated as follows for NESHAP compliance:

#### **NESHAP Categories**

**Friable asbestos** - material which can be crumbled, pulverized or reduced to powder by hand pressure, a.k.a. Regulated Asbestos Containing Materials (RACM)

**Category I non-friable** (CAT I) - includes resilient floor coverings, asphalt roofing products, gaskets and packings.

Category II non-friable (CAT II) - any non-friable ACM that is not in Category I

Asbestos Inspection Report 4775 Towne Square Blvd – Suitland, MD 20746



#### **INTRODUCTION**

A pre-renovation asbestos survey was completed for the Redevelopment Authority of Prince Georges County (Client) on February 17<sup>th</sup> & 18<sup>th</sup>, 2021 at 4775 Towne Square Blvd – Suitland, MD 20746 by One Source Environmental. The inspection included interior and exterior building materials.

Inspection activities were performed by Mr. Dharam Kissoondath, an AHERA certified Asbestos Building Inspector. Copies of current Certifications can be found in Appendix C.

#### SAMPLED SUSPECT ASBESTOS CONTAINING MATERIALS - NEGATIVE

Samples of the following suspect materials were collected and found to be <u>Negative for Asbestos</u>:

4775 Towne Square Blv	4775 Towne Square Blvd – Suitland, MD 20746					
Plaster Wall and Ceiling Systems Throughout Building	Drywall/Joint Compound Wall and Ceiling Systems Sporadic Locations Throughout					
2' x 4' Pinhole Ceiling Tile Laundry Room	Asphalt Sheeting Small Rear Roof					
Rolled Asphalt Sheeting	Roof Insulation					
Main Roof	Main Roof					
Textured Ceilings	White Sink Undercoat/Insulation					
2 <sup>nd</sup> & 3 <sup>rd</sup> Floor Units	Unit 11 Kitchen					
Vibration Dampers	Interior Window Caulk					
Kitchens on HVAC Units	Throughout Building					
Counter Caulk	Door Caulk					
Kitchens	Exterior Entrances					
Vinyl Stair Treads & Glue	4" Brown Covebase & Glue					
Stairwell	Laundry Room					
12" Brown Pattern Linoleum Flooring & Glue	12" White Floor Tile & Glue					
Laundry Room – Top Layer	Laundry Room					
Wood Look Alike Linoleum Flooring Unit 9	12" Colored Vinyl Floor Tile & Glues Sporadic Locations Throughout					
Brown Square Pattern Linoleum Flooring & Glue Unit 10	White Square Pattern Linoleum Flooring & Glue Unit 12					
12" Brick Pattern Vinyl Floor Tile & Glue	12" Gray Vinyl Floor Tile & Glue					
Unit 11 – Bath Top Layer	Unit 11 – Bath 2 <sup>nd</sup> Layer					
12" White Vinyl Floor Tile & Glue	Flashing Caulk					
Unit 11 – Bath 3 <sup>rd</sup> Layer	Main Roof					



#### **SAMPLING AND ANALYTICAL PROCEDURES**

#### **Sampling Procedures**

Representative bulk samples of suspect ACMs were randomly collected from the interior and exterior of the inspected Building. Homogenous material determinations were assessed based on the following criteria:

- Similar physical characteristics (same color and texture, etc.);
- Application (sprayed-on, troweled-on, assembly into a system, etc.); and
- Material function (thermal insulation, floor tile, wall or ceiling system, etc.).

Once collected, all bulk samples were appropriately labeled and shipped to an accredited analytical laboratory for analysis. All sampled building materials were also characterized for condition and approximate quantity on-site during the inspection.

#### **PLM Analysis Methodology**

Laboratory services were provided by Eurofins CEI, Inc., located in Cary, North Carolina, a National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory (NVLAP #101768-0). See Appendix C for copy of accreditation.

Each bulk sample was analyzed by polarized light microscopy (PLM) in accordance with the United State Environmental Protection Agency's (EPA's) <u>Test Methods: Methods for the determination of Asbestos in Bulk Building Materials</u> (EPA 600/M4-82-020, July 1993) and the McCrone Research Institute's <u>The Asbestos Particle Atlas</u>. Additional treatment(s) and test(s) were performed as required to accurately define material composition (i.e. ashing, extraction, acetone treatment).

Analysis consisted of using the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification. All samples were analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non-asbestos constituents (mineral wool, cellulose, etc.), and non-fibrous constituents. Using a stereoscope, the microscopist visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample.



#### **FINDINGS**

#### **Interpretation of Asbestos Results**

Federal OSHA, EPA and MDE define an ACM as any material containing >1% asbestos. The lower limit of reliable detection for friable asbestos using the PLM analytical method is 1.0% by volume. If "<1%" appears in this report, it should be interpreted as meaning that asbestos was present in the sample, but the exact percentage is unknown.

Furthermore, per EPA NESHAP regulations, friable material with a PLM-derived asbestos concentration of <10% must be assumed to be ACM until it is point counted to more precisely determine the actual asbestos content. If this material is found to contain less than 1% asbestos by point counting, then it may be disposed of as non-hazardous waste. Any sample can be subjected to the more stringent Point Count Method of analysis to more precisely determine the actual asbestos content.

Although a material may contain asbestos, but at <1%, it <u>DOES NOT</u> relieve contractors from performing exposure assessments (personal air monitoring) on their employees per the OSHA Asbestos Stand (29 CFR 1926.1101) and should not be interpreted as asbestos is not present. Although laboratory analysis may indicate "<1%", airborne asbestos concentrations still may exceed the OSHA Permissible Exposure Limit (PEL) depending on the work activity.

#### **Asbestos Containing Materials**

#### The following materials contain Asbestos in concentrations exceeding 1%

Material	Location
Exterior Window Caulk	Windows Throughout Building

#### **CONCLUSIONS AND RECOMMENDATIONS**

Results of analysis confirmed asbestos was identified in concentrations greater than 1% within one of the bulk samples collected. The identified asbestos-containing material was found to be in good condition at the time of the inspection. The materials that are or may become friable during demolition or renovation must be removed prior to their disturbance using OSHA Class II abatement procedures.

MDE regulations require notifications prior to the removal of friable asbestos-containing materials or non-friable asbestos-containing materials expected to become friable during the project. Removal shall be performed following all applicable local and federal regulations.



The U.S. EPA requires that all asbestos-containing material that may become friable during the course of the project be removed prior to demolition or renovation. Confirmed or suspect asbestos-containing materials disturbed during demolition or abatement activities must be handled and disposed of in accordance with applicable State and Federal regulations.

Abatement of ACM should be performed by an MDE accredited Asbestos Abatement Firm employing MDE accredited Asbestos Abatement Supervisors and Workers, with a certified asbestos supervisor onsite at all times during asbestos abatement activities.

Materials uncovered during demolition or renovation activities that are not addressed in this inspection report must be sampled by a licensed asbestos inspector prior to any disturbance. This survey was minimally destructive in nature, however, hidden suspect ACM may still be present. Hidden ACM materials may be encountered during renovation/demolition activities.

We appreciate the opportunity to assist you with your environmental compliance needs. If you have any questions or comments, please feel free to contact me at (240) 286-2601.

Yours truly,

One Source Environmental, LLC

William Ciancaglini

Project Manager

U.S. EPA-Accredited Asbestos Building Inspector/Management Planner

#### **DISCLAIMER**

The content presented in this report is based on data collected during the site inspection and survey, review of pertinent regulations, requirements, guidelines and commonly followed industry standards, and information provided by the Client, their clients, agents, and representatives.

The PLM analytical method used to facilitate this inspection is the specified method for analysis of bulk material samples under EPA regulations, however, this method may not identify asbestos when fiber sizes are extremely small or if they are non-organically bound (NOB) in a resinous material. As a result, EPA recommends analyzing such materials (floor tiles, mastics, and asphaltic roofing materials) using Transmission Electron Microscopy (TEM) when PLM analysis does not detect asbestos in quantities greater than 1%. MDE and EPA regulations do not require additional TEM analysis of NOB materials. Further analysis of NOB materials is left to the discretion of the client.



The work has been conducted in an objective and unbiased manner and in accordance with generally accepted professional practice for this type of work. One Source Environmental believes the data and analysis to be accurate and relevant but cannot accept responsibility for the accuracy or completeness of available documentation or possible withholding of information of other parties.

This hazardous materials survey report is designed to aid the property owner, architect, construction manager, general contractor, and asbestos abatement contractor in locating ACM. This report is not intended for and may not be utilized as a bidding document or as an abatement project specification document.

This report is provided for the sole use of AEI Consultants. Reliance on this report by any third parties will be at such party's sole risk, and One Source Environmental disclaims liability for any use of or reliance on this report by third parties. All portions of this report, including attachments and figures, are interrelated and integral to this report and should not be transmitted independent of each other.



## **SAMPLE TABLE**

	4775 Towne Square Blvd – Suitland, MD 20746							
Sample#	Sample Location	Layer#	Description	Asbestos Type	Asbestos %			
1A	Unit 9 – Living Room	1	Plaster Skim Coat	None	None Detected			
1A	Unit 9 – Living Room	2	Plaster Base Coat	None	None Detected			
1B	Unit 10 - Kitchen	1	Plaster Skim Coat	None	None Detected			
1B	Unit 10 - Kitchen	2	Plaster Base Coat	None	None Detected			
1C	Unit 11 – Living Room	1	Plaster Skim Coat	None	None Detected			
1C	Unit 11 – Living Room	2	Plaster Base Coat	None	None Detected			
1D	Unit 12 - Kitchen	1	Plaster Skim Coat	None	None Detected			
1D	Unit 12 - Kitchen	2	Plaster Base Coat	None	None Detected			
1E	Unit 6 - Kitchen	1	Plaster Skim Coat	None	None Detected			
1E	Unit 6 - Kitchen	2	Plaster Base Coat	None	None Detected			
1F	Unit 8 - Kitchen	1	Plaster Skim Coat	None	None Detected			
1F	Unit 8 - Kitchen	1	Plaster Base Coat	None	None Detected			
1G	Unit 2 - Kitchen		Plaster Skim Coat	None	None Detected			
1G 2A	Unit 2 - Kitchen Unit 9 - Kitchen	1	Plaster Base Coat Drywall Behind Plaster	None None	None Detected  None Detected			
2B	Unit 2 - Kitchen	1	Drywall Behind Plaster	None	None Detected			
2C	Unit 6 - Kitchen	1	Drywall Behind Plaster	None	None Detected			
3A	Laundry Room	1	Drywall Drywall	None	None Detected			
3B	Laundry Room	1	Drywall	None	None Detected			
3C	Laundry Room	1	Drywall	None	None Detected			
4A	Laundry Room	1	Joint Compound	None	None Detected			
4B	Laundry Room	1	Joint Compound	None	None Detected			
4C	Laundry Room	1	Joint Compound	None	None Detected			
5A	Laundry Room	1	2'x4' Pinhole Ceiling Tile	None	None Detected			
5B	Laundry Room	1	2'x4' Pinhole Ceiling Tile	None	None Detected			
5C	Laundry Room	1	2'x4' Pinhole Ceiling Tile	None	None Detected			
6A	Small Roof @ Rear	1	Asphalt Sheeting	None	None Detected			
6B	Small Roof @ Rear	1	Asphalt Sheeting	None	None Detected			
6C	Small Roof @ Rear	1	Asphalt Sheeting	None	None Detected			
7A	Main Roof	1	Rolled Asphalt Sheeting	None	None Detected			
7B	Main Roof	1	Rolled Asphalt Sheeting	None	None Detected			
7C	Main Roof	1	Rolled Asphalt Sheeting	None	None Detected			
8A	Main Roof	1	Roof Insulation	None	None Detected			
8B	Main Roof	1	Roof Insulation	None	None Detected			
8C	Main Roof	1	Roof Insulation	None	None Detected			
9A	Unit 9	1	Textured Ceiling	None	None Detected			
9B	Unit 9	1	Textured Ceiling	None	None Detected			
9C	Unit 9	1	Textured Ceiling	None	None Detected			
9D	Unit 10	1	Textured Ceiling	None	None Detected			
9E	Unit 10	1	Textured Ceiling	None	None Detected			
9F	Unit 11	1	Textured Ceiling	None	None Detected			
9G	Unit 11	1	Textured Ceiling	None	None Detected			
10A	Unit 11 - Kitchen	1	White Sink Insulation/Undercoat	None	None Detected			



	4775 Towne Square Blvd – Suitland, MD 20746							
Sample#	Sample Location	Layer#	Description	Asbestos Type	Asbestos %			
10B	Unit 11 - Kitchen	1	White Sink Insulation/Undercoat	None	None Detected			
11A	Exterior Front	1	Exterior Window Caulk	Chrysotile	3%			
11B	Exterior Side	1	Exterior Window Caulk	Not Analyzed	Positive Stop			
11C	Exterior Rear	1	Exterior Window Caulk	Not Analyzed	Positive Stop			
12A	Unit 9 - Kitchen	1	Duct Vibration Damper	None	None Detected			
12B	Unit 10 - Kitchen	1	Duct Vibration Damper	None	None Detected			
12C	Unit 8 - Kitchen	1	Duct Vibration Damper	None	None Detected			
13A	Unit 9 - Living Room	1	Interior Window Caulk	None	None Detected			
13B	Unit 11 - Living Room	1	Interior Window Caulk	None	None Detected			
13C	Unit B3 - Living Room	1	Interior Window Caulk	None	None Detected			
14A	Unit 9 - Kitchen	1	Counter Caulk	None	None Detected			
14B	Unit 11 - Kitchen	1	Counter Caulk	None	None Detected			
14C	Unit B3 - Kitchen	1	Counter Caulk	None	None Detected			
15A	Building Front Entry Door	1	Exterior Door Caulk	None	None Detected			
15B	Building Front Entry Door	1	Exterior Door Caulk	None	None Detected			
15C	Rear Entry Door @ Laundry	1	Exterior Door Caulk	None	None Detected			
16A	Hall Stairs	1	Vinyl Stair Tread	None	None Detected			
16A	Hall Stairs	2	Associated Glue	None	None Detected			
16B	Hall Stairs	1	Vinyl Stair Tread	None	None Detected			
16B	Hall Stairs	2	Associated Glue	None	None Detected			
16C	Hall Stairs	1	Vinyl Stair Tread	None	None Detected			
16C	Hall Stairs	2	Associated Glue	None	None Detected			
17A	Laundry Room	1	4" Brown Cove Base	None	None Detected			
17A	Laundry Room	2	Associated Glue	None	None Detected			
17B	Laundry Room	1	4" Brown Cove Base	None	None Detected			
17B	Laundry Room	2	Associated Glue	None	None Detected			
17C	Laundry Room	1	4" Brown Cove Base	None	None Detected			
17C	Laundry Room	2	Associated Glue	None	None Detected			
18A	Laundry Room - Top Layer	1	12" Brown Patterned Linoleum	None	None Detected			
18A	Laundry Room - Top Layer	2	Associated Glue	None	None Detected			
18B	Laundry Room - Top Layer	1	12" Brown Patterned Linoleum	None	None Detected			
18B	Laundry Room - Top Layer	2	Associated Glue	None	None Detected			
18C	Laundry Room - Top Layer	1	12" Brown Patterned Linoleum	None	None Detected			
18C	Laundry Room - Top Layer	2	Associated Glue	None	None Detected			
19A	Laundry Room - 2nd Layer	1	12" White Floor Tile	None	None Detected			
19A	Laundry Room - 2nd Layer	2	Associated Glue	None	None Detected			
19B	Laundry Room - 2nd Layer	1	12" White Floor Tile	None	None Detected			
19B	Laundry Room - 2nd Layer	2	Associated Glue	None	None Detected			
19C	Laundry Room - 2nd Layer	1	12" White Floor Tile	None	None Detected			
19C	Laundry Room - 2nd Layer	2	Associated Glue	None	None Detected			
20A	Unit 9 - Dining Room	1	Wood Look Alike Linoleum	None	None Detected			
20B	Unit 9 - Dining Room	1	Wood Look Alike Linoleum	None	None Detected			
20C	Unit 9 - Kitchen	1	Wood Look Alike Linoleum	None	None Detected			
21A	Unit 9 - Bath	1	Flooring Glue	None	None Detected			
21A	Unit 9 - Bath	2	12" Colored Floor Tile	None	None Detected			



	4775 Towne Square Blvd – Suitland, MD 20746						
Sample#	Sample Location	Layer#	Description	Asbestos Type	Asbestos %		
21A	Unit 9 - Bath	3	Associated Glue	None	None Detected		
21B	Unit 2 - Bath	1	Flooring Glue	None	None Detected		
21B	Unit 2 - Bath	2	12" Colored Floor Tile	None	None Detected		
21B	Unit 2 - Bath	3	Associated Glue	None	None Detected		
21C	Unit 2 - Bath	1	Flooring Glue	None	None Detected		
21C	Unit 2 - Bath	2	12" Colored Floor Tile	None	None Detected		
21C	Unit 2 - Bath	3	Associated Glue	None	None Detected		
22A	Unit 10 - Dining Room	1	Brown Square Linoleum	None	None Detected		
22A	Unit 10 - Dining Room	2	Associated Glue	None	None Detected		
22B	Unit 10 - Kitchen	1	Brown Square Linoleum	None	None Detected		
22B	Unit 10 - Kitchen	2	Associated Glue	None	None Detected		
22C	Unit 10 - Kitchen	1	Brown Square Linoleum	None	None Detected		
22C	Unit 10 - Kitchen	2	Associated Glue	None	None Detected		
23A	Unit 12 - Foyer	1	12" White Square Linoleum	None	None Detected		
23B	Unit 12 - Living Room	1	12" White Square Linoleum	None	None Detected		
23C	Unit 12 - Kitchen	1	12" White Square Linoleum	None	None Detected		
24A	Unit 11 - Bath Top Layer	1	12" Brick Pattern Floor Tile	None	None Detected		
24A	Unit 11 - Bath Top Layer	2	Associated Glue	None	None Detected		
24B	Unit 11 - Bath Top Layer	1	12" Brick Pattern Floor Tile	None	None Detected		
24B	Unit 11 - Bath Top Layer	2	Associated Glue	None	None Detected		
24C	Unit 11 - Bath Top Layer	1	12" Brick Pattern Floor Tile	None	None Detected		
24C	Unit 11 - Bath Top Layer	2	Associated Glue	None	None Detected		
25A	Unit 11 - Bath 2nd Layer	1	12" Gray Floor Tile	None	None Detected		
25A	Unit 11 - Bath 2nd Layer	2	Associated Glue	None	None Detected		
25B	Unit 11 - Bath 2nd Layer	1	12" Gray Floor Tile	None	None Detected		
25B	Unit 11 - Bath 2nd Layer	2	Associated Glue	None	None Detected		
25C	Unit 11 - Bath 2nd Layer	1	12" Gray Floor Tile	None	None Detected		
25C	Unit 11 - Bath 2nd Layer	2	Associated Glue	None	None Detected		
26A	Unit 11 - Bath 3rd Layer	1	12" White Floor Tile	None	None Detected		
26A	Unit 11 - Bath 3rd Layer	2	Associated Glue	None	None Detected		
26B	Unit 11 - Bath 3rd Layer	1 12" White Floor Tile None None Detect		None Detected			
26B	Unit 11 - Bath 3rd Layer	2	Associated Glue	None	None Detected		
26C	Unit 11 - Bath 3rd Layer	1	12" White Floor Tile	None	None Detected		
26C	Unit 11 - Bath 3rd Layer	2	Associated Glue	None	None Detected		
27A	Roof	1	Flashing Caulk	None	None Detected		
27B	Roof	1	Flashing Caulk	None	None Detected		



## **APPENDIX A**

# ASBESTOS BULK SAMPLE LABORATORY RESULTS AND CHAIN OF CUSTODY FORMS



March 1, 2021

One Source Environmental, LLC 3717 Latrobe Drive Suite 760 Charlotte, NC 28211

**CLIENT PROJECT:** 21-1040A, 4775 Towne Square Blvd, Suitland, MD 20746

CEI LAB CODE: B212748v2

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 24, 2021. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Tianbao Bai, Ph.D., CIH Laboratory Director

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# ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

## **Prepared for**

# One Source Environmental, LLC

CLIENT PROJECT: 21-1040A, 4775 Towne Square Blvd, Suitland, MD

20746

LAB CODE: B212748v2

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/27/21

TOTAL SAMPLES ANALYZED: 85

# SAMPLES >1% ASBESTOS: 1



LAB CODE: B212748v2

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 21-1040A, 4775 Towne Square Blvd,

Suitland, MD 20746

					ASBESTOS
Client ID	Layer	Lab ID	Color	Sample Description	%
1A	Layer 1	B39234	White	Plaster Skim Coat	None Detected
	Layer 2	B39234	Tan	Plaster Base Coat	None Detected
1B	Layer 1	B39235	White	Plaster Skim Coat	None Detected
	Layer 2	B39235	Tan	Plaster Base Coat	None Detected
1C	Layer 1	B39236	White	Plaster Skim Coat	None Detected
	Layer 2	B39236	Tan	Plaster Base Coat	None Detected
1D	Layer 1	B39237	White	Plaster Skim Coat	None Detected
	Layer 2	B39237	Tan	Plaster Base Coat	None Detected
1E	Layer 1	B39238	White	Plaster Skim Coat	None Detected
	Layer 2	B39238	Tan	Plaster Base Coat	None Detected
1F	Layer 1	B39239	White	Plaster Skim Coat	None Detected
	Layer 2	B39239	Tan	Plaster Base Coat	None Detected
1G	Layer 1	B39240	White	Plaster Skim Coat	None Detected
	Layer 2	B39240	Tan	Plaster Base Coat	None Detected
2A		B39241	Gray	Drywall	None Detected
2B		B39242	Gray	Drywall	None Detected
2C		B39243	Gray	Drywall	None Detected
3A		B39244	Gray	Drywall	None Detected
3B		B39245	Gray	Drywall	None Detected
3C		B39246	Gray	Drywall	None Detected
4A		B39247	White	Joint Compound	None Detected
4B		B39248	White	Joint Compound	None Detected
4C		B39249	White	Joint Compound	None Detected
5A		B39250	Tan,White	Ceiling Tile	None Detected
5B		B39251	Tan,White	Ceiling Tile	None Detected
5C		B39252	Tan,White	Ceiling Tile	None Detected
6A		B39253	Green	Asphalt Sheeting	None Detected
6B		B39254	Green	Asphalt Sheeting	None Detected
6C		B39255	Green	Asphalt Sheeting	None Detected
7A		B39256	Green	Asphalt Sheeting	None Detected
7B		B39257	Green	Asphalt Sheeting	None Detected



LAB CODE: B212748v2

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 21-1040A, 4775 Towne Square Blvd,

Suitland, MD 20746

AU : 15				ASBESTOS
Client ID	Layer Lab ID	Color	Sample Description	%
7C	B39258	Green	Asphalt Sheeting	None Detected
8A	B39259	Brown	Roof Insulation	None Detected
8B	B39260	Brown	Roof Insulation	None Detected
8C	B39261	Brown	Roof Insulation	None Detected
9A	B39262	White	Textured Ceiling	None Detected
9B	B39263	White	Textured Ceiling	None Detected
9C	B39264	White	Textured Ceiling	None Detected
9D	B39265	White	Textured Ceiling	None Detected
9E	B39266	White	Textured Ceiling	None Detected
9F	B39267	White	Textured Ceiling	None Detected
9G	B39268	White	Textured Ceiling	None Detected
10A	B39269	White,Tan	Sink Insulation/undercoat	None Detected
10B	B39270	White,Tan	Sink Insulation/undercoat	None Detected
11A	B39271	Dark Brown	Exterior Window Caulk	Chrysotile 3%
11B	B39272		Sample Not Analyzed per CC	OC
11C	B39273		Sample Not Analyzed per CC	OC
12A	B39274	Black	Vibration Dampener	None Detected
12B	B39275	Black	Vibration Dampener	None Detected
12C	B39276	Black	Vibration Dampener	None Detected
13A	B39277	White,Black	Interior Window Caulk	None Detected
13B	B39278	White,Black	Interior Window Caulk	None Detected
13C	B39279	White,Black	Interior Window Caulk	None Detected
14A	B39280	White	Counter Caulk	None Detected
14B	B39281	White	Counter Caulk	None Detected
14C	B39282	White	Counter Caulk	None Detected
15A	B39283	Green	Exterior Door Caulk	None Detected
15B	B39284	Green	Exterior Door Caulk	None Detected
15C	B39285	Green	Exterior Door Caulk	None Detected
16A	B39286A	Black	Vinyl Stair Tread	None Detected
	B39286B	Tan	Glue	None Detected
16B	B39287A	Black	Vinyl Stair Tread	None Detected



LAB CODE: B212748v2

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 21-1040A, 4775 Towne Square Blvd,

Suitland, MD 20746

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		B39287B	Tan	Glue	None Detected
16C		B39288A	Black	Vinyl Stair Tread	None Detected
		B39288B	Tan	Glue	None Detected
17A		B39289A	Black	Covebase	None Detected
		B39289B	Tan	Glue	None Detected
17B		B39290A	Black	Covebase	None Detected
		B39290B	Tan	Glue	None Detected
17C		B39291A	Black	Covebase	None Detected
		B39291B	Tan	Glue	None Detected
18A		B39292A	Brown patterned	Linoleum	None Detected
		B39292B	Tan	Glue	None Detected
18B		B39293A	Brown patterned	Linoleum	None Detected
		B39293B	Tan	Glue	None Detected
18C		B39294A	Brown patterned	Linoleum	None Detected
		B39294B	Tan	Glue	None Detected
19A		B39295A	White	Vft	None Detected
		B39295B	Tan	Glue	None Detected
19B		B39296A	White	Vft	None Detected
		B39296B	Tan	Glue	None Detected
19C		B39297A	White	Vft	None Detected
		B39297B	Tan	Glue	None Detected
20A		B39298	Wood Look	Vinyl Linoleum	None Detected
20B		B39299	Wood Look	Vinyl Linoleum	None Detected
20C		B39300	Wood Look	Vinyl Linoleum	None Detected
21A	Layer 1	B39301A	Tan	Glue	None Detected
	Layer 2	B39301A	Colored	Vft	None Detected
		B39301B	Clear	Glue	None Detected
21B	Layer 1	B39302A	Tan	Glue	None Detected
	Layer 2	B39302A	Colored	Vft	None Detected



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Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		B39302B	Clear	Glue	None Detected
21C	Layer 1	B39303A	Tan	Mastic	None Detected
	Layer 2	B39303A	Colored	Vft	None Detected
		B39303B	Clear	Glue	None Detected
22A		B39304A	Brown Square	Linoleum	None Detected
		B39304B	Clear	Glue	None Detected
22B		B39305A	Brown Square	Linoleum	None Detected
		B39305B	Clear	Glue	None Detected
22C		B39306A	Brown Square	Linoleum	None Detected
		B39306B	Clear	Glue	None Detected
23A		B39307	White,Square Pattern	Linoleum	None Detected
23B		B39308	White,Square Pattern	Linoleum	None Detected
23C		B39309	White,Square Pattern	Linoleum	None Detected
24A		B39310A	Brick Pattern	Vft	None Detected
		B39310B	Blue	Glue	None Detected
24B		B39311A	Brick Pattern	Vft	None Detected
		B39311B	Blue	Glue	None Detected
24C		B39312A	Brick Pattern	Vft	None Detected
		B39312B	Blue	Glue	None Detected
25A		B39313A	Gray	Tile	None Detected
		B39313B	Tan	Glue	None Detected
25B		B39314A	Gray	Tile	None Detected
		B39314B	Tan	Glue	None Detected
25C		B39315A	Gray	Tile	None Detected
		B39315B	Tan	Glue	None Detected
26A		B39316A	White	Vft	None Detected
		B39316B	Tan	Glue	None Detected
26B		B39317A	White	Vft	None Detected
		B39317B	Tan	Glue	None Detected



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Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
26C		B39318A	White	Vft	None Detected
		B39318B	Tan	Glue	None Detected
27A		B39319	Off-white	Flashing Caulk	None Detected
27B		B39320	Off-white	Flashing Caulk	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NO Fibr	N-ASBESTOS		NENTS Fibrous	ASBESTOS %
<b>1A</b> Layer 1 B39234	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	. 101	<u></u>	75% 20% 5%	Calc Carb Silicates Paint	None Detected
Layer 2 B39234	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1% <1%	Cellulose Hair	75% 25%	Silicates Binder	None Detected
<b>1B</b> Layer 1 B39235	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Silicates Paint	None Detected
Layer 2 B39235	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1% <1%	Cellulose Hair	75% 25%	Silicates Binder	None Detected
1C Layer 1 B39236	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Silicates Paint	None Detected
Layer 2 B39236	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1% <1%	Cellulose Hair	75% 25%	Silicates Binder	None Detected
<b>1D</b> Layer 1 B39237	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Silicates Paint	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes		N-ASBESTOS		NENTS Fibrous	ASBESTOS %
					NOII-F		70
Layer 2 B39237	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1% <1%	Cellulose Hair	75% 25%	Silicates Binder	None Detected
<b>1E</b> Layer 1 B39238	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Silicates Paint	None Detected
Layer 2 B39238	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1% <1%	Cellulose Hair	75% 25%	Silicates Binder	None Detected
<b>1F</b> Layer 1 B39239	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Silicates Paint	None Detected
Layer 2 B39239	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1% <1%	Cellulose Hair	75% 25%	Silicates Binder	None Detected
<b>1G</b> Layer 1 B39240	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Silicates Paint	None Detected
Layer 2 B39240	Plaster Base Coat	Heterogeneous Tan Non-fibrous Bound	<1% <1%	Cellulose Hair	75% 25%	Silicates Binder	None Detected



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Client ID	Lab	Lab	NO	N-ASBESTOS	COMPO	NENTS	ASBESTOS
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	%
<b>2A</b> B39241	Drywall	Heterogeneous Gray Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
<b>2B</b> B39242	Drywall	Heterogeneous Gray Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
<b>2C</b> B39243	Drywall	Heterogeneous Gray Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
<b>3A</b> B39244	Drywall	Heterogeneous Gray Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
<b>3B</b> B39245	Drywall	Heterogeneous Gray Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
<b>3C</b> B39246	Drywall	Heterogeneous Gray Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
<b>4A</b> B39247	Joint Compound	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Binder Paint	None Detected



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Client ID Lab ID	Lab Lab NON-ASBESTO Description Attributes Fibrous					NENTS Fibrous	ASBESTOS %
<b>4B</b> B39248	Joint Compound	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>4C</b> B39249	Joint Compound	Heterogeneous White Non-fibrous Bound			75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>5A</b> B39250	Ceiling Tile	Heterogeneous Tan,White Fibrous Bound	40% 20%	Cellulose Fiberglass	35% 5%	Perlite Paint	None Detected
<b>5B</b> B39251	Ceiling Tile	Heterogeneous Tan,White Fibrous Bound	40% 20%	Cellulose Fiberglass	35% 5%	Perlite Paint	None Detected
<b>5C</b> B39252	Ceiling Tile	Heterogeneous Tan,White Fibrous Bound	40% 20%	Cellulose Fiberglass	35% 5%	Perlite Paint	None Detected
<b>6A</b> B39253	Asphalt Sheeting	Heterogeneous Green Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
<b>6B</b> B39254	Asphalt Sheeting	Heterogeneous Green Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON Fibro	I-ASBESTOS C ous	_	NENTS Fibrous	ASBESTOS %
<b>6C</b> B39255	Asphalt Sheeting	Heterogeneous Green Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
<b>7A</b> B39256	Asphalt Sheeting	Heterogeneous Green Fibrous Bound	30%	Synthetic Fiber	45% 25%	Tar Gravel	None Detected
<b>7B</b> B39257	Asphalt Sheeting	Heterogeneous Green Fibrous Bound	30%	Synthetic Fiber	45% 25%	Tar Gravel	None Detected
<b>7C</b> B39258	Asphalt Sheeting	Heterogeneous Green Fibrous Bound	30%	Synthetic Fiber	45% 25%	Tar Gravel	None Detected
<b>8A</b> B39259	Roof Insulation	Heterogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Tar	None Detected
<b>8B</b> B39260	Roof Insulation	Heterogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Tar	None Detected
<b>8C</b> B39261	Roof Insulation	Heterogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Tar	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBEST Fibrous		NENTS Fibrous	ASBESTOS %
<b>9A</b> B39262	Textured Ceiling	Heterogeneous White Non-fibrous Bound		75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>9B</b> B39263	Textured Ceiling	Heterogeneous White Non-fibrous Bound		75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>9C</b> B39264	Textured Ceiling	Heterogeneous White Non-fibrous Bound		75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>9D</b> B39265	Textured Ceiling	Heterogeneous White Non-fibrous Bound		75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>9E</b> B39266	Textured Ceiling	Heterogeneous White Non-fibrous Bound		75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>9F</b> B39267	Textured Ceiling	Heterogeneous White Non-fibrous Bound		75% 20% 5%	Calc Carb Binder Paint	None Detected
<b>9G</b> B39268	Textured Ceiling	Heterogeneous White Non-fibrous Bound		75% 20% 5%	Calc Carb Binder Paint	None Detected



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Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	%
<b>10A</b> B39269	Sink Insulation/undercoat	Heterogeneous White,Tan Fibrous Bound	25%	Cellulose	75%	Mastic	None Detected
<b>10B</b> B39270	Sink Insulation/undercoat	Heterogeneous White,Tan Fibrous Bound	25%	Cellulose	75%	Mastic	None Detected
<b>11A</b> B39271	Exterior Window Caulk	Heterogeneous Dark Brown Fibrous Bound			97%	Caulk	3% Chrysotile
<b>11B</b> B39272	Sample Not Analyzed per COC						
<b>11C</b> B39273	Sample Not Analyzed per COC						
<b>12A</b> B39274	Vibration Dampener	Heterogeneous Black Fibrous Bound	35%	Synthetic Fib	er 65%	Binder	None Detected
<b>12B</b> B39275	Vibration Dampener	Heterogeneous Black Fibrous Bound	35%	Synthetic Fib	er 65%	Binder	None Detected
<b>12C</b> B39276	Vibration Dampener	Heterogeneous Black Fibrous Bound	35%	Synthetic Fib	er 65%	Binder	None Detected



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Client ID	Lab	Lab	NON-ASBES	TOS COMPO	ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
<b>13A</b> B39277	Interior Window Caulk	Heterogeneous White,Black Fibrous Bound		85% 15%	Caulk Paint	None Detected
<b>13B</b> B39278	Interior Window Caulk	Heterogeneous White,Black Fibrous Bound		85% 15%	Caulk Paint	None Detected
<b>13C</b> B39279	Interior Window Caulk	Heterogeneous White,Black Fibrous Bound		85% 15%	Caulk Paint	None Detected
<b>14A</b> B39280	Counter Caulk	Heterogeneous White Fibrous Bound		100%	Caulk	None Detected
<b>14B</b> B39281	Counter Caulk	Heterogeneous White Fibrous Bound		100%	Caulk	None Detected
<b>14C</b> B39282	Counter Caulk	Heterogeneous White Fibrous Bound		100%	Caulk	None Detected
<b>15A</b> B39283	Exterior Door Caulk	Heterogeneous Green Fibrous Bound		85% 15%	Caulk Paint	None Detected



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Client ID	Lab	Lab	NON-ASBES	TOS COMPO	ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
<b>15B</b> B39284	Exterior Door Caulk	Heterogeneous Green Fibrous Bound		85% 15%	Caulk Paint	None Detected
<b>15C</b> B39285	Exterior Door Caulk	Heterogeneous Green Fibrous Bound		85% 15%	Caulk Paint	None Detected
<b>16A</b> B39286A	Vinyl Stair Tread	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B39286B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>16B</b> B39287A	Vinyl Stair Tread	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B39287B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>16C</b> B39288A	Vinyl Stair Tread	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBES		NENTS ibrous	ASBESTOS %
B39288B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>17A</b> B39289A	Covebase	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B39289B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>17B</b> B39290A	Covebase	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B39290B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>17C</b> B39291A	Covebase	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B39291B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBES Fibrous	TOS COMPO! Non-F	NENTS ibrous	ASBESTOS %
<b>18A</b> B39292A	Linoleum	Heterogeneous Brown patterned Non-fibrous Bound		75% 25%	Vinyl Binder	None Detected
B39292B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>18B</b> B39293A	Linoleum	Heterogeneous Brown patterned Non-fibrous Bound		75% 25%	Vinyl Binder	None Detected
B39293B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>18C</b> B39294A	Linoleum	Heterogeneous Brown patterned Non-fibrous Bound		75% 25%	Vinyl Binder	None Detected
B39294B	Glue	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>19A</b> B39295A	Vft	Heterogeneous White Non-fibrous Bound		100%	Vinyl	None Detected



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Client ID	Lab	Lab	NON	I-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibre	ous	Non-F	ibrous	%
B39295B	Glue	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>19B</b> B39296A	Vft	Heterogeneous White Non-fibrous Bound			100%	Vinyl	None Detected
B39296B	Glue	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>19C</b> B39297A	Vft	Heterogeneous White Non-fibrous Bound			100%	Vinyl	None Detected
B39297B	Glue	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>20A</b> B39298	Vinyl Linoleum	Heterogeneous Wood Look Non-fibrous Bound	<1%	Fiberglass	75% 25%	Vinyl Binder	None Detected
<b>20B</b> B39299	Vinyl Linoleum	Heterogeneous Wood Look Non-fibrous Bound	<1%	Fiberglass	75% 25%	Vinyl Binder	None Detected



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Client ID Lab ID	Lab Description	Lab iption Attributes		NON-ASBESTOS COMPON Fibrous Non-Fi		NENTS ibrous	ASBESTOS %
<b>20C</b> B39300	Vinyl Linoleum	Heterogeneous Wood Look Non-fibrous Bound	<1%	Fiberglass	75% 25%	Vinyl Binder	None Detected
<b>21A</b> Layer 1 B39301A	Glue	Heterogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 B39301A	Vft	Heterogeneous Colored Non-fibrous Bound			100%	Vinyl	None Detected
B39301B	Glue	Heterogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
<b>21B</b> Layer 1 B39302A	Glue	Heterogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 B39302A	Vft	Heterogeneous Colored Non-fibrous Bound			100%	Vinyl	None Detected
B39302B	Glue	Heterogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected



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Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS			ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
<b>21C</b> Layer 1 B39303A	Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B39303A	Vft	Heterogeneous Colored Non-fibrous Bound		100%	Vinyl	None Detected
B39303B	Glue	Heterogeneous Clear Non-fibrous Bound		100%	Mastic	None Detected
<b>22A</b> B39304A	Linoleum	Heterogeneous Brown Square Non-fibrous Bound		75% 25%	Vinyl Binder	None Detected
B39304B	Glue	Heterogeneous Clear Non-fibrous Bound		100%	Mastic	None Detected
<b>22B</b> B39305A	Linoleum	Heterogeneous Brown Square Non-fibrous Bound		75% 25%	Vinyl Binder	None Detected
B39305B	Glue	Heterogeneous Clear Non-fibrous Bound		100%	Mastic	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTO	OS COMPONENTS Non-Fibrous	ASBESTOS %
<b>22C</b> B39306A	Linoleum	Heterogeneous Brown Square Non-fibrous Bound		75% Vinyl 25% Binder	None Detected
B39306B	Glue	Heterogeneous Clear Non-fibrous Bound		100% Mastic	None Detected
<b>23A</b> B39307	Linoleum	Heterogeneous White,Square Pattern Non-fibrous Bound	25% Synthetic F	Fiber 75% Vinyl	None Detected
<b>23B</b> B39308	Linoleum	Heterogeneous White,Square Pattern Non-fibrous Bound	25% Synthetic F	Fiber 75% Vinyl	None Detected
<b>23C</b> B39309	Linoleum	Heterogeneous White,Square Pattern Non-fibrous Bound	25% Synthetic F	Fiber 75% Vinyl	None Detected
<b>24A</b> B39310A	Vft	Heterogeneous Brick Pattern Non-fibrous Bound		100% Vinyl	None Detected
B39310B	Glue	Heterogeneous Blue Non-fibrous Bound		100% Mastic	None Detected



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Date Reported: 02-27-21

Project: 21-1040A, 4775 Towne Square Blvd, Suitland, MD 20746

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS			ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
<b>24B</b> B39311A	Vft	Heterogeneous Brick Pattern Non-fibrous Bound		100%	Vinyl	None Detected
B39311B	Glue	Heterogeneous Blue Non-fibrous Bound		100%	Mastic	None Detected
<b>24C</b> B39312A	Vft	Heterogeneous Brick Pattern Non-fibrous Bound		100%	Vinyl	None Detected
B39312B	Glue	Heterogeneous Blue Non-fibrous Bound		100%	Mastic	None Detected
<b>25A</b> B39313A	Tile	Heterogeneous Gray Non-fibrous Bound		100%	Vinyl	None Detected
B39313B	Glue	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>25B</b> B39314A	Tile	Heterogeneous Gray Non-fibrous Bound		100%	Vinyl	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: One Source Environmental, LLC

3717 Latrobe Drive Suite 760

Charlotte, NC 28211

**Lab Code:** B212748v2

**Date Received:** 02-24-21 **Date Analyzed:** 02-27-21

Date Reported: 02-27-21

Project: 21-1040A, 4775 Towne Square Blvd, Suitland, MD 20746

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS			ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
B39314B	Glue	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>25C</b> B39315A	Tile	Heterogeneous Gray Non-fibrous Bound		100%	Vinyl	None Detected
B39315B	Glue	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>26A</b> B39316A	Vft	Heterogeneous White Non-fibrous Bound		100%	Vinyl	None Detected
B39316B	Glue	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>26B</b> B39317A	Vft	Heterogeneous White Non-fibrous Bound		100%	Vinyl	None Detected
B39317B	Glue	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected



# **ASBESTOS BULK ANALYSIS**

By: POLARIZING LIGHT MICROSCOPY

Client: One Source Environmental, LLC

3717 Latrobe Drive Suite 760

Charlotte, NC 28211

**Lab Code:** B212748v2

Date Received: 02-24-21

Date Analyzed: 02-27-21

Date Reported: 02-27-21

Project: 21-1040A, 4775 Towne Square Blvd, Suitland, MD 20746

#### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS		ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
26C	Vft	Heterogeneous		100%	Vinyl	None Detected
B39318A		White				
		Non-fibrous				
		Bound				
B39318B	Glue	Heterogeneous		100%	Mastic	None Detected
		Tan				
		Non-fibrous				
		Bound				
27A	Flashing Caulk	Heterogeneous		100%	Caulk	None Detected
B39319		Off-white				
		Non-fibrous				
		Bound				
27B	Flashing Caulk	Heterogeneous		100%	Caulk	None Detected
B39320		Off-white				
		Non-fibrous				
		Bound				



**LEGEND:** Non-Anth = Non-Asbestiform Anthophyllite

Non-Trem = Non-Asbestiform Tremolite

Calc Carb = Calcium Carbonate

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

**REPORTING LIMIT:** <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

**REGULATORY LIMIT:** >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request*.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

**ANALYST** 

Vvette Nkunde-Rose

APPROVED BY:

Tianbao Bai, Ph.D., CIH

**Laboratory Director** 



B212746 B39234of\_4 B39320

#### **Chain of Custody**

One Source Environmental, LLC (OSE)

3717 Latrobe Dr #760

karen@ose-llc.com EMail: bill@ose-llc.com

Charlotte NC 28211

704-376-3594 O, 704-376-3593 F. OSE Project Number: 21-1040 A

Date(s) Samples Taken: 2117/21-2120121

Project Name: 4775 Town & Square Block Address: 4775 Towns Square Blvd.

suitland MO Suitland MD

Comments: PLM-Positive Stop on all Sample Sets TAT(Circle): ASAP 24 Hr 48 Hr (72 Hr) 5 Day

Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable
IA	S	plaster walls	unit #9 Living	G-	N-F
18		1	unit #10 Kitchen		
IC			unit # 11 Living		
JD .			unit #12 Kitchen		
١E			unit # 6 Kitchen		
1F			unit #8		
16.	上	T T.	1 2 # tinu	<u> </u>	4
2A ·	~	Drywau behind plaster	unit #9 Kitchen	G	N·F
2B	ì		unit \$2		
2°C ·	1	上上	unit #6	<u> </u>	
3A	M	Druwall	Loundry room	G	N.F
3B ·	١				
3C	1	1	1 +	<u> </u>	1
4A .	M	Joint compound	Laundry room		OFINS CEI, INC PLES ACCEPTED
4B	1				1)
4C -	T	7 7	T T T	4-76	P
5A	M	ealling tile	Laurdy room	G	F
ጛ <u></u> ፅ ፣		1			
5 C.	1	TT	7 7	+	<u> </u>
6A '	M	small roof asphalt sheeting	rear of Building	G	N-F
68		77	T T	1	1
Material S — Surfaci ISI — Ther M — Misce	ng mal System	G Insulation D	Condition  — Good  — Damaged  D — Significantly Damaged	***Friat F – Friab NF – No	le

TSI - Thermal System Insulation M - Miscellaneous	D - Damaged SD - Significantly Damaged	NF — Non-friable
Inspector(Print): DHAPAM KISSCON	DATN Signatuite curstins   CEI	Date: 2/22/2021

11:90

B212746 B39234-1 of 4 B39320

#### **Chain of Custody**

One Source Environmental, LLC (OSE)

3717 Latrobe Dr #760

karen@ose-llc.com EMail: bill@ose-llc.com

Charlotte NC 28211 704-376-3594 O, 704-376-3593 F.

OSE Project Number: 21-1040 A Date(s) Samples Taken: 2117/21-2120121

Project Name: 4775 + 4785 Huron Ave Address: 4775 Huron Ave Suitland MD 20746

Comments: PLM-Positive Stop on all Sample Sets TAT(Circle): ASAP 24 Hr 48 Hr (72 Hr) 5 Day

Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable ***
IA	5	plaster walls	unit #9 Livina	G	N-F
18 '			unit #10 Kitchen	\	
10			unit # 11 Living		
1D -			unit #12 Kitchen		
١E			unit # 6 Kitchen		
1F ·			unit #8		
10	1	7 7.	uni+ = 2 1	1	
2A ·	~	Drywau behind plaster	unit #9 Kitchen	G	N.F
23	1		unit #2		
2c.	1		unit #6	7	
3A	~	Drywall	Loundry room	G	N.F
3B ·	)			\	1
36	1	<u> </u>			
4A .	M	Soint compound	Laundry room	CEUR	PEINS CEI, INC
4B	1			\ _	PLES ACCEPTED
4C -	7	7 7	7 +	7-36	D+
5A	M	2x4 pin hode ceilino tile	Laundry rown	G	F
ጛ <sub>ሽ</sub> ፣		l i			
5C	1	TT	11	1	T
6A '	Μ	snau roof asphalt sheeting	rear of Building	G	N-F
68 *Material T		TT,	L 1	***Friab	1

<b>-</b>	, ,	1	<b>.</b>	1 7		
*Material 7	Гуре:		**Condition	***F	riability:	
S - Surfacin	ng		G – Good	F-F	riable	
TSI - Thern	nal System	Insulation	D - Damaged	NF -	Non-friable	
M – Misce	llaneous		SD - Significantly Dam	aged		
Inspector(	Print):Dk	apam Kissooni	PAT N Signature ett of in	<b>S</b> 12	Date: 2/22	12021

18 2/24 11:20

CEI RECEIVED 84:

OSE) Project Number: 21 - 1040 A		r: 21-1040A		Page: Zof 4	
Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable ***
6c	~	small roof asphalt sheeting	rear of . Building	G	N.F
าA ₁	2	2005 - rolled asphalt sheeting	Roo F	G	7.F
7B	}	1 1	1	ı	1
70,			1		
8A	Μ	roof insulation	R∞F		
8B .	1	\ \ \			
8 C	1	TI	1		1
9A ·	S	textured.	unit 9	G	N·F
9B	1	,		\	1
9C ·			<u> </u>		
9D			unit #10		
9E ,			1		
9F			unit #11		
96.		L, L,	7	Ţ	
10A	۲	insulation lyndercoat	unit #11 kitchen	G	
10B.	+	77	ナ ナ	T	
11A	M	exterior window could	Exterior Front	6	
IIB '	1	11_	SIDE	\\	
110	1	T T	1 rear	7	
IZA .	Μ	vibration damper	unit #9 Kitcher	G	
12B			unif #10	1	
120.	<u> </u>	<u> </u>	unit#8 1		
13A	Μ	unoon caulk	unit #9 Living Rm	G	
13B			unit #11 Luing room		
13 C	7	77	unit # B3 Living room	1 1	
14 A	M	counter caulh	unit # 9 Kitchen	6	7
*Material T S – Surfacin TSI – Thern M – Miscel	g nal System I	**( G - nsulation D -	Condition Good Damaged Significantly Damaged	***Friab F – Friabl NF – Non	e

Date: 2/22/21 Inspector(Print): DHAFAM KISSON PATTH Signature: PC

(OSE) Pro Sample	Material	r: 21 - 1040 Sampled		<u>Page:</u>	f 4
Number	Type*	Material	Sample Location	Condition	Friat
14B	M	counter caulh			***
14C	1	11	unit #11 Kitcher	G	N·F
15A	M	Externa	unit #B3	1	
15B 1	1	Door caulh	Front entry DOOR	G	
15C			<u></u>		
		4 4	Rear entry @ Laurdry	T	
16A .	M	ving Star tread	Hall-Stoirs	G	
16B				,	
16C.	1	7 T	TII	1	
74	M	4" Brown cove base tglue	1 1		
7B .		1 ,	Laundry room	4	
70	I				
2.0	M 1:	242 Brown patt.	+ 1	4	
8B		Lindenn	Loundry toplayer	G	
8C.				\	
	-	2×12 white	7 7 1	T	1
	7 1	N.E.T	Laundry 200 layer	G	_
9B ·				1	+-
१८					<del> </del>
0A - N	7	ood Look vingl	unit #9 DIMINGroom	<u> </u>	+
В		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	G-	
c -   -			+		<del></del>
IA	12.	712 colored V.F.T	+ Kitchen		
B-			Unit #9 Ball	G	
ic .		1	unit #2 Ball		
	Bro	own square	T T		
	·   P	lattern linoleun l	anit #10 Dining	G	
B		+++	Kitchen Kitchen		
c deterial Type:	1	<u></u>	1 Kitch	1	+

TSI – Thermal System Insulation M – Miscellaneous

F-Friable

NF - Non-friable

D - Damaged SD - Significantly Damaged

Inspector(Print): DHARAM KISSOONPATH Signature: PC \_ Date: 2/22/21

V.F.T - vingl Floor tile

Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable
23A	M	12412 white source pattern linoleum	unit #12 Foyer	G	N-F
23B		) 1	LIVING mom	1	4
23C	4		1 L L Ville		
24 A	M	12+12 Brich patt	unit # 11 Bath top		
41 B	1		l i		
24 C		11			
15A	M	12712 gray tile +	unit #11 Bath 200 Layer		
25B		1 1			
25c	1	7 1			
6A .	M	12412 white V.F.T tolue	unit #11 Ball Layer		
26 B					
26C	+	1 1	1 1		1
27A	M	Flashing caulle	PooF	G	N.F
27B	7	77	+	1	1
					<del></del>
Interial T-					
laterial Ty Surfacing I – Therma – Miscella	l System Ins	G-C sulation $D-C$	ondition Good Damaged - Significantly Damaged	***Friabili F – Friable NF – Non-fi	

V.F.T - vinyl Floor tile



# **APPENDIX B**

# **PHOTOGRAPHS**





Photo View of Site #1:



Photo Typical Wood Look Alike Linoleum
#3: Unit 9
Sample Set #20 – Non-ACM



Photo Typical 12" Colored Floor Tile & Glue #5: Bathrooms
Sample Set #21 – Non-ACMs



Photo Site Address #2:



Photo Typical Counter Caulk
#4: Kitchens
Sample Set #14 – Non-ACM



Photo Typical Duct Vibration Damper #6: Kitchen HVAC Units Sample Set #12 - Non-ACM





Photo Typical Drywall Behind Plaster #7: Wall Systems Sample Set #2 – Non-ACM



Photo No Sink Undercoat/Insulation #8: Most Units



Photo Brown Square Pattern Linoleum & Glue #9: Unit 10 Sample Set #22 – Non-ACMs



Photo 12" Vinyl Floor Tiles & Glues – 3 Layers #10: Unit 11 Sample Sets #24, 25, & 26 - Non-ACMs



Photo White Sink Undercoat/Insulation #11: Unit 11 - Kitchen Sample Set #10 – Non-ACM



Photo Typical Textured Ceiling #12: 2<sup>nd</sup> and 3<sup>rd</sup> Floor Units Sample Set #9 – Non-ACM





Photo 12" White Square Pattern Linoleum #13: Unit 11 Sample Set #23 – Non-ACM



Photo Cross Cut of Typical Fire Door #14: No Suspected ACM



Photo Vinyl Stair Treads & Glue #15: Stairwell Sample Set #16 – Non-ACMs



Photo 2'x4' Pinhole Ceiling Tile #16: Laundry Room Sample Set #5 – Non-ACM



Photo 12" Brown Pattern Linoleum & 12" White #17: Floor Tile & Glues – Laundry Room Sample Sets #18 & #19 – Non-ACMs



Photo 4" Brown Covebase & Glue #18: Laundry Room Sample Set #17 – Non-ACMs





Photo Storage/Meter Rooms #19: No Suspected ACM



Photo Storage/Meter Rooms #20: No Suspected ACM



Photo Typical Exterior Window Caulk #21: Sample Set #11 3% Chrysotile Asbestos



Photo Exterior Door Caulk #22: Sample Set #15 – Non-ACM



Photo Rolled Asphalt Sheeting & Insulation
#23: Main Roof
Sample Sets #7 & #8 – Non-ACMs



Photo Flashing Caulk #24: Roof Sample Set #27 – Non-ACM





Photo Typical Interior Window Caulk #25: Sample Set #13 – Non-ACM



Photo Asphalt Sheeting
#27: Small Rear Roof
Sample Set #6 – Non-ACM



Photo Drywall/Joint Compound
#26: Laundry Room
Sample Sets #3 & #4 – Non-ACMs



Photo Typical Plaster Walls
#28: Throughout Building
Sample Set #1 – Non-ACM



## **APPENDIX C**

# **EMPLOYEE & LABORATORY CREDENTIALS**

# **AEROSOL MONITORING & ANALYSIS, INC.**

This is to certify that

DHARAM KISSOONDATH

has met the attendance requirements and successfully completed the course entitled

4-HOUR EPA ASBESTOS INSPECTOR REFRESHER

For Accreditation Under TSCA Title II

12/17/2020
12/17/2020
12/17/2021
STEVE SIERACKI

Principal Instructor

AIR12212020-6
VAAIR12212020-6
E. Rush Barnett
Virginia Certification No.
Course Director

1331 Ashton Road

P.O.Box 646

Hanover, MD 21076

P: 410-684-3327

F: 410-684-3724

www.amatraining.com

# United States Department of Commerce National Institute of Standards and Technology



# Certificate of Accreditation to ISO/IEC 17025:2017

**NVLAP LAB CODE: 101768-0** 

**Eurofins CEI, Inc.** 

Cary, NC

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

# **Asbestos Fiber Analysis**

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

2020-04-01 through 2021-03-31

Effective Dates



For the National Voluntary Laboratory Accreditation Program



## **APPENDIX D**

# **SAMPLE LOCATION DIAGRAMS**



JOB#: 21-1040A-ACM

# **Property Diagram**

12/2020-
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В

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