



ASBESTOS INSPECTION REPORT

**4785 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 19 & 20, 2021**

Report Date: **March 3, 2021**

Inspected by:

A handwritten signature in black ink, appearing to read "Dharam Kissoondath".

Dharam Kissoondath

AHERA Certified Asbestos Building Inspector #: AIR12212020-6
(Expires on 12/21/2021)

OSE Project Number: 21-1040B-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 4785 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 19th & 20th, 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 seventy-six (76) bulk samples with one-hundred thirteen (113) sample layers were analyzed by Polarized Light Microscopy (PLM).

Asbestos was identified within the following material:

4785 Towne Square Blvd – Suitland, MD 20746					
Material	Location	Percentage/ Type*	Material Condition	Approx. Quantity	NESHAP Category
Exterior Window Caulk	Windows Throughout Building	3% Chrysotile	Good	102 Windows @ 12 Linear Feet Each	CAT II

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

INTRODUCTION

A pre-renovation asbestos survey was completed for the Redevelopment Authority of Prince Georges County (Client) on February 19th & 20th, 2021 at 4785 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 Negative for Asbestos:

4785 Towne Square Blvd – Suitland, MD 20746	
Plaster Wall and Ceiling Systems Throughout Building	Thick and Thin Textured Ceilings Sporadic Locations Throughout
Drywall Behind Plaster Wall and Ceiling Systems Sporadic Locations Throughout	Flashing Caulk Main Roof
Roof Paper Small Rear Roof	Asphalt Roof Shingles Small Rear Roof
Rolled Asphalt Sheeting Main Roof	Counter Caulk Kitchens
Vibration Dampers Kitchens on HVAC Units	Interior Window Caulk Throughout Building
Door Caulk Exterior Entrances	Vinyl Stair Treads & Glue Stairwell
White Sink Undercoat/Insulation Some Unit Kitchens	Roof Insulation Main Roof
9" Beige Square Pattern Linoleum & Mastic Unit 12	Small & Big Brick Pattern Linoleum & Mastic Unit 8
Rectangle Stone Pattern Linoleum & Mastic Unit 9	12" Brick Pattern Vinyl Floor Tile & Mastic Unit 10 – Kitchen Top Layer
12" White Floor Tile & Mastic Unit 10 – Kitchen 2nd Layer	Wood Look Alike Linoleum Flooring & Mastic Unit 11 – Top Layer
Square Pattern Linoleum Flooring & Mastic Unit 11 – 2 nd Layer	

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) Test Methods: Methods for the determination of Asbestos in Bulk Building Materials (EPA 600/M4-82-020, July 1993) and the McCrone Research Institute's The Asbestos Particle Atlas. 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 **DOES NOT** 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

A handwritten signature in black ink, appearing to read "William Ciancaglini", with a horizontal line underneath.

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

4785 Towne Square Blvd – Suitland, MD 20746					
Sample#	Sample Location	Layer#	Description	Asbestos Type	Asbestos %
1A	Unit 11	1	Plaster Skim Coat	None	None Detected
1A	Unit 11	2	Plaster Base Coat	None	None Detected
1B	Unit 8	1	Plaster Skim Coat	None	None Detected
1B	Unit 8	2	Plaster Base Coat	None	None Detected
1C	Unit 7	1	Plaster Skim Coat	None	None Detected
1C	Unit 7	2	Plaster Base Coat	None	None Detected
1D	Unit 6	1	Plaster Skim Coat	None	None Detected
1D	Unit 6	2	Plaster Base Coat	None	None Detected
1E	Unit 5	1	Plaster Skim Coat	None	None Detected
1E	Unit 5	2	Plaster Base Coat	None	None Detected
1F	Unit 12	1	Plaster Skim Coat	None	None Detected
1F	Unit 12	2	Plaster Base Coat	None	None Detected
1G	Unit 10	1	Plaster Skim Coat	None	None Detected
1G	Unit 10	2	Plaster Base Coat	None	None Detected
2A	Unit 10 – Living Room	1	Thick Textured Ceiling	None	None Detected
2B	Unit 10 – Living Room	1	Thick Textured Ceiling	None	None Detected
2C	Unit 10 – Living Room	1	Thick Textured Ceiling	None	None Detected
2D	Unit 10 – Bedroom	1	Thick Textured Ceiling	None	None Detected
2E	Unit 10 – Bedroom	1	Thick Textured Ceiling	None	None Detected
2F	Unit 10 – Bedroom	1	Thick Textured Ceiling	None	None Detected
2G	Unit 10 – Bedroom	1	Thick Textured Ceiling	None	None Detected
3A	Unit 11 – Living Room	1	Thin Textured Ceiling	None	None Detected
3B	Unit 11 – Living Room	1	Thin Textured Ceiling	None	None Detected
3C	Unit 12 – Living Room	1	Thin Textured Ceiling	None	None Detected
3D	Unit 12 – Living Room	1	Thin Textured Ceiling	None	None Detected
3E	Unit 12 – Living Room	1	Thin Textured Ceiling	None	None Detected
3F	Unit 9 – Living Room	1	Thin Textured Ceiling	None	None Detected
3G	Unit 9 – Living Room	1	Thin Textured Ceiling	None	None Detected
4A	Unit 10 - Kitchen	1	Drywall Behind Plaster	None	None Detected
4B	Unit 11 - Kitchen	1	Drywall Behind Plaster	None	None Detected
4C	Unit 12 - Kitchen	1	Drywall Behind Plaster	None	None Detected
5A	Main Roof	1	Flashing Caulk	None	None Detected
5B	Main Roof	1	Flashing Caulk – Layer1	None	None Detected
5B	Main Roof	2	Flashing Caulk – Layer 2	None	None Detected
5C	Main Roof	1	Flashing Caulk – Layer1	None	None Detected
5C	Main Roof	2	Flashing Caulk – Layer 2	None	None Detected
6A	Small Roof @ Rear	1	Roofing Paper	None	None Detected
6B	Small Roof @ Rear	1	Roofing Paper	None	None Detected
6C	Small Roof @ Rear	1	Roofing Paper	None	None Detected
7A	Small Roof @ Rear	1	Asphalt Roof Shingle	None	None Detected
7B	Small Roof @ Rear	1	Asphalt Roof Shingle	None	None Detected
7C	Small Roof @ Rear	1	Asphalt Roof Shingle	None	None Detected
8A	Main Roof	1	Rolled Asphalt Sheeting	None	None Detected

4785 Towne Square Blvd – Suitland, MD 20746

Sample#	Sample Location	Layer#	Description	Asbestos Type	Asbestos %
8B	Main Roof	1	Rolled Asphalt Sheeting	None	None Detected
8C	Main Roof	1	Rolled Asphalt Sheeting	None	None Detected
9A	Unit 11 - Kitchen	1	Counter Caulk	None	None Detected
9B	Unit 12 - Kitchen	1	Counter Caulk	None	None Detected
9C	Unit 9 - Kitchen	1	Counter Caulk	None	None Detected
10A	Unit 12 - Kitchen	1	Vibration Damper	None	None Detected
10B	Unit 11 - Kitchen	1	Vibration Damper	None	None Detected
10C	Unit 10 - Kitchen	1	Vibration Damper	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 11 – Living Room	1	Interior Window Caulk	None	None Detected
12B	Unit 7 – Living Room	1	Interior Window Caulk	None	None Detected
12C	Unit 10 – Living Room	1	Interior Window Caulk	None	None Detected
13A	Building Front Entry Door	1	Exterior Door Caulk	None	None Detected
13B	Building Front Entry Door	1	Exterior Door Caulk	None	None Detected
13C	Rear Entry Door	1	Exterior Door Caulk	None	None Detected
14A	Hall Stairs	1	Vinyl Stair Tread	None	None Detected
14A	Hall Stairs	2	Associated Glue	None	None Detected
14B	Hall Stairs	1	Vinyl Stair Tread	None	None Detected
14B	Hall Stairs	2	Associated Glue	None	None Detected
14C	Hall Stairs	1	Vinyl Stair Tread	None	None Detected
14C	Hall Stairs	2	Associated Glue	None	None Detected
15A	Unit 12 - Kitchen	1	White Sink Insulation/Undercoat	None	None Detected
15B	Unit 10 - Kitchen	1	White Sink Insulation/Undercoat	None	None Detected
15C	Unit 9 - Kitchen	1	White Sink Insulation/Undercoat	None	None Detected
16A	Unit 12 – Dining Room	1	9x9 Square Pattern Linoleum	None	None Detected
16B	Unit 12 – Living Room	1	9x9 Square Pattern Linoleum	None	None Detected
16C	Unit 12 – Living Room	1	9x9 Square Pattern Linoleum	None	None Detected
16C	Unit 12 – Living Room	2	Associated Mastic	None	None Detected
17A	Unit 8 – Dining Room	1	Small Brick Pattern Linoleum	None	None Detected
17A	Unit 8 – Dining Room	2	Associated Mastic	None	None Detected
17A	Unit 8 – Dining Room	3	Big Brick Pattern Linoleum	None	None Detected
17A	Unit 8 – Dining Room	4	Associated Mastic	None	None Detected
17B	Unit 8 – Kitchen	1	Small Brick Pattern Linoleum	None	None Detected
17B	Unit 8 – Kitchen	2	Associated Mastic	None	None Detected
17B	Unit 8 – Kitchen	3	Big Brick Pattern Linoleum	None	None Detected
17B	Unit 8 – Kitchen	4	Associated Mastic	None	None Detected
17C	Unit 8 – Kitchen	1	Small Brick Pattern Linoleum	None	None Detected
17C	Unit 8 – Kitchen	2	Associated Mastic	None	None Detected
17C	Unit 8 – Kitchen	3	Big Brick Pattern Linoleum	None	None Detected
18A	Unit 9 – Bath	1	Stone Pattern. Linoleum	None	None Detected
18A	Unit 9 – Bath	2	Associated Mastic	None	None Detected
18B	Unit 9 – Dining Room	1	Stone Pattern. Linoleum	None	None Detected
18B	Unit 9 – Dining Room	2	Associated Mastic	None	None Detected

4785 Towne Square Blvd – Suitland, MD 20746					
Sample#	Sample Location	Layer#	Description	Asbestos Type	Asbestos %
18C	Unit 9 – Kitchen	1	Stone Pattern. Linoleum	None	None Detected
18C	Unit 9 – Kitchen	2	Associated Mastic	None	None Detected
19A	Unit 10 – Kitchen - Top	1	12" Brick Pattern Floor Tile	None	None Detected
19A	Unit 10 – Kitchen - Top	2	Associated Mastic	None	None Detected
19B	Unit 10 – Kitchen - Top	1	12" Brick Pattern Floor Tile	None	None Detected
19B	Unit 10 – Kitchen - Top	2	Associated Mastic	None	None Detected
19C	Unit 10 – Kitchen - Top	1	12" Brick Pattern Floor Tile	None	None Detected
19C	Unit 10 – Kitchen - Top	2	Associated Mastic	None	None Detected
20A	Unit 10 – Kitchen - Bottom	1	12" White Floor Tile	None	None Detected
20A	Unit 10 – Kitchen - Bottom	2	Associated Mastic	None	None Detected
20B	Unit 10 – Kitchen - Bottom	1	12" White Floor Tile	None	None Detected
20B	Unit 10 – Kitchen - Bottom	2	Associated Mastic	None	None Detected
20C	Unit 10 – Kitchen - Bottom	1	12" White Floor Tile	None	None Detected
20C	Unit 10 – Kitchen - Bottom	2	Associated Mastic	None	None Detected
21A	Unit 11 – Dining Room - Top	1	Wood Look Linoleum	None	None Detected
21A	Unit 11 – Dining Room - Top	2	Associated Mastic	None	None Detected
21B	Unit 11 – Foyer - Top	1	Wood Look Linoleum	None	None Detected
21B	Unit 11 – Foyer - Top	2	Associated Mastic	None	None Detected
21C	Unit 11 – Kitchen - Top	1	Wood Look Linoleum	None	None Detected
21C	Unit 11 – Kitchen - Top	2	Associated Mastic	None	None Detected
22A	Unit 11 – Dining Room – 2nd	1	Square Stone Pattern Linoleum	None	None Detected
22A	Unit 11 – Dining Room – 2nd	2	Associated Mastic	None	None Detected
22B	Unit 11 – Foyer – 2nd	1	Square Stone Pattern Linoleum	None	None Detected
22B	Unit 11 – Foyer – 2nd	2	Associated Mastic	None	None Detected
22C	Unit 11 – Kitchen – 2nd	1	Square Stone Pattern Linoleum	None	None Detected
22C	Unit 11 – Kitchen – 2nd	2	Associated Mastic	None	None Detected



APPENDIX A

ASBESTOS BULK SAMPLE LABORATORY RESULTS AND CHAIN OF CUSTODY FORMS

March 2, 2021

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

CLIENT PROJECT: 21-1040B, 4785 Towne Square Blvd
CEI LAB CODE: B212749v2

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



CEI

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

One Source Environmental, LLC

CLIENT PROJECT: 21-1040B, 4785 Towne Square Blvd

LAB CODE: B212749v2

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

REPORT DATE: 03/01/21

TOTAL SAMPLES ANALYZED: 76

SAMPLES >1% ASBESTOS: 1



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 21-1040B, 4785 Towne Square Blvd

LAB CODE: B212749v2

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1A	Layer 1	B39321	White	Plaster Skim Coat	None Detected
	Layer 2	B39321	Gray	Plaster Base Coat	None Detected
1B	Layer 1	B39322	White	Plaster Skim Coat	None Detected
	Layer 2	B39322	Gray	Plaster Base Coat	None Detected
1C	Layer 1	B39323	White	Plaster Skim Coat	None Detected
	Layer 2	B39323	Gray	Plaster Base Coat	None Detected
1D	Layer 1	B39324	White	Plaster Skim Coat	None Detected
	Layer 2	B39324	Gray	Plaster Base Coat	None Detected
1E	Layer 1	B39325	White	Plaster Skim Coat	None Detected
	Layer 2	B39325	Gray	Plaster Base Coat	None Detected
1F	Layer 1	B39326	White	Plaster Skim Coat	None Detected
	Layer 2	B39326	Gray	Plaster Base Coat	None Detected
1G	Layer 1	B39327	White	Plaster Skim Coat	None Detected
	Layer 2	B39327	Gray	Plaster Base Coat	None Detected
2A		B39328	White	Thick Textured Ceiling	None Detected
2B		B39329	White	Thick Textured Ceiling	None Detected
2C		B39330	White	Thick Textured Ceiling	None Detected
2D		B39331	White	Thick Textured Ceiling	None Detected
2E		B39332	White	Thick Textured Ceiling	None Detected
2F		B39333	White	Thick Textured Ceiling	None Detected
2G		B39334	White	Thick Textured Ceiling	None Detected
3A		B39335	White	Thin Textured Ceiling	None Detected
3B		B39336	White	Thin Textured Ceiling	None Detected
3C		B39337	White	Thin Textured Ceiling	None Detected
3D		B39338	White	Thin Textured Ceiling	None Detected
3E		B39339	White	Thin Textured Ceiling	None Detected
3F		B39340	White	Thin Textured Ceiling	None Detected
3G		B39341	White	Thin Textured Ceiling	None Detected
4A		B39342	Gray	Drywall Behind Plaster	None Detected
4B		B39343	Gray	Drywall Behind Plaster	None Detected
4C		B39344	Gray	Drywall Behind Plaster	None Detected



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 21-1040B, 4785 Towne Square Blvd

LAB CODE: B212749v2

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
5A		B39345	Off-white	Flashing Caulk	None Detected
5B	Layer 1	B39346	Off-white	Flashing Caulk	None Detected
	Layer 2	B39346	Black	Flashing Caulk	None Detected
5C	Layer 1	B39347	Off-white	Flashing Caulk	None Detected
	Layer 2	B39347	Black	Flashing Caulk	None Detected
6A		B39348	Black	Roofing Paper	None Detected
6B		B39349	Black	Roofing Paper	None Detected
6C		B39350	Black	Roofing Paper	None Detected
7A		B39351	Black,Gray	Asphalt Roof Shingle	None Detected
7B		B39352	Black,Gray	Asphalt Roof Shingle	None Detected
7C		B39353	Black,Gray	Asphalt Roof Shingle	None Detected
8A		B39354	Black,Gray	Rolled Asphalt Sheeting	None Detected
8B		B39355	Black,Gray	Rolled Asphalt Sheeting	None Detected
8C		B39356	Black,Gray	Rolled Asphalt Sheeting	None Detected
9A		B39357	White	Counter Caulk	None Detected
9B		B39358	White	Counter Caulk	None Detected
9C		B39359	White	Counter Caulk	None Detected
10A		B39360	Black,White	Vibration Dampener	None Detected
10B		B39361	Black,White	Vibration Dampener	None Detected
10C		B39362	Black,White	Vibration Dampener	None Detected
11A		B39363	Black	Exterior Window Caulk	Chrysotile 3%
11B		B39364		Sample Not Analyzed per COC	
11C		B39365		Sample Not Analyzed per COC	
12A		B39366	White	Interior Window Caulk	None Detected
12B		B39367	White	Interior Window Caulk	None Detected
12C		B39368	White	Interior Window Caulk	None Detected
13A		B39369	Green,White	Exterior Door Caulk	None Detected
13B		B39370	Green,White	Exterior Door Caulk	None Detected
13C		B39371	Green,White	Exterior Door Caulk	None Detected
14A		B39372A	Black	Vinyl Stair Tread	None Detected
		B39372B	Cream	Glue	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 21-1040B, 4785 Towne Square Blvd

LAB CODE: B212749v2

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
14B		B39373A	Black	Vinyl Stair Tread	None Detected
		B39373B	Cream	Glue	None Detected
14C		B39374A	Black	Vinyl Stair Tread	None Detected
		B39374B	Cream	Glue	None Detected
15A		B39375	White	Sink Insulation Undercoat	None Detected
15B		B39376	White	Sink Insulation Undercoat	None Detected
15C		B39377	White	Sink Insulation Undercoat	None Detected
16A		B39378	Beige	9x9 Square Pattern Linoleum	None Detected
16B		B39379	Beige	9x9 Square Pattern Linoleum	None Detected
16C		B39380A	Beige	9x9 Square Pattern Linoleum	None Detected
		B39380B	Gray,Brown	Mastic	None Detected
17A		B39381A	Beige,White	Small Brick Pattern Linoleum	None Detected
		B39381B	Tan	Mastic	None Detected
		B39381C	Beige,White	Big Brick Pattern Linoleum	None Detected
		B39381D	Tan	Mastic	None Detected
17B		B39382A	Beige,White	Small Brick Pattern Linoleum	None Detected
		B39382B	Tan	Mastic	None Detected
		B39382C	Beige,White	Big Brick Pattern Linoleum	None Detected
		B39382D	Tan	Mastic	None Detected
17C		B39383A	Beige,White	Small Brick Pattern Linoleum	None Detected
		B39383B	Tan	Mastic	None Detected
		B39383C	Beige,White	Big Brick Pattern Linoleum	None Detected
18A		B39384A	Stone,Cream	Rectangular Stone Patt. Linoleum	None Detected
		B39384B	Clear,Tan	Mastic	None Detected
18B		B39385A	Stone,Cream	Rectangular Stone Patt. Linoleum	None Detected
		B39385B	Clear,Tan	Mastic	None Detected
18C		B39386A	Stone,Cream	Rectangular Stone Patt. Linoleum	None Detected
		B39386B	Clear,Tan	Mastic	None Detected
19A		B39387A	Brick,Gray	12x12 Brick Patt. Vft	None Detected



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 21-1040B, 4785 Towne Square Blvd

LAB CODE: B212749v2

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		B39387B	Clear	Mastic	None Detected
19B		B39388A	Brick,Gray	12x12 Brick Patt. Vft	None Detected
		B39388B	Clear	Mastic	None Detected
19C		B39389A	Brick,Gray	12x12 Brick Patt. Vft	None Detected
		B39389B	Clear	Mastic	None Detected
20A		B39390A	White,Black	12x12 White Vft	None Detected
		B39390B	Clear	Mastic	None Detected
20B		B39391A	White,Black	12x12 White Vft	None Detected
		B39391B	Clear	Mastic	None Detected
20C		B39392A	White,Black	12x12 White Vft	None Detected
		B39392B	Clear	Mastic	None Detected
21A		B39393A	Wood,Cream	Wood Look Linoleum Top Layer	None Detected
		B39393B	Tan	Mastic	None Detected
21B		B39394A	Wood,Cream	Wood Look Linoleum Top Layer	None Detected
		B39394B	Tan	Mastic	None Detected
21C		B39395A	Wood,Cream	Wood Look Linoleum Top Layer	None Detected
		B39395B	Tan	Mastic	None Detected
22A		B39396A	Stone	Square Stone Patt. Linoleum 2nd None Detected Layer	
		B39396B	Tan	Mastic	None Detected
22B		B39397A	Stone	Square Stone Patt. Linoleum 2nd None Detected Layer	
		B39397B	Tan	Mastic	None Detected
22C		B39398A	Stone	Square Stone Patt. Linoleum 2nd None Detected Layer	
		B39398B	Tan	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: B212749v2
Date Received: 02-24-21
Date Analyzed: 03-01-21
Date Reported: 03-01-21

Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
1A Layer 1 B39321	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White Non-fibrous Bound	95%	Binder	
Layer 2 B39321	Plaster Base Coat	Homogeneous	65%	Silicates	None Detected
		Gray Non-fibrous Bound	35%	Binder	
1B Layer 1 B39322	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White Non-fibrous Bound	95%	Binder	
Layer 2 B39322	Plaster Base Coat	Homogeneous	65%	Silicates	None Detected
		Gray Non-fibrous Bound	35%	Binder	
1C Layer 1 B39323	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White Non-fibrous Bound	95%	Binder	
Layer 2 B39323	Plaster Base Coat	Homogeneous	65%	Silicates	None Detected
		Gray Non-fibrous Bound	35%	Binder	
1D Layer 1 B39324	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White Non-fibrous Bound	95%	Binder	



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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
Layer 2 B39324	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound	65%	Silicates Binder	None Detected
1E Layer 1 B39325	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	5% 95%	Paint Binder	None Detected
Layer 2 B39325	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound	65% 35%	Silicates Binder	None Detected
1F Layer 1 B39326	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	5% 95%	Paint Binder	None Detected
Layer 2 B39326	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound	65% 35%	Silicates Binder	None Detected
1G Layer 1 B39327	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	5% 95%	Paint Binder	None Detected
Layer 2 B39327	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound	65% 35%	Silicates Binder	None Detected



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Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
2A B39328	Thick Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
2B B39329	Thick Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
2C B39330	Thick Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
2D B39331	Thick Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
2E B39332	Thick Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
2F B39333	Thick Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
2G B39334	Thick Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected

ASBESTOS BULK ANALYSIS

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Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
3A B39335	Thin Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
3B B39336	Thin Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
3C B39337	Thin Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
3D B39338	Thin Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
3E B39339	Thin Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
3F B39340	Thin Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected
3G B39341	Thin Textured Ceiling	Heterogeneous White Non-fibrous Bound	<1% 75% 25%	Paint Calc Carb Binder	None Detected

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Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
4A B39342	Drywall Behind Plaster	Homogeneous	15%	Cellulose	80%	Gypsum	None Detected
		Gray Fibrous Bound	5%	Fiberglass			
4B B39343	Drywall Behind Plaster	Homogeneous	15%	Cellulose	80%	Gypsum	None Detected
		Gray Fibrous Bound	5%	Fiberglass			
4C B39344	Drywall Behind Plaster	Homogeneous	15%	Cellulose	80%	Gypsum	None Detected
		Gray Fibrous Bound	5%	Fiberglass			
5A B39345	Flashing Caulk	Homogeneous			95%	Binder	None Detected
		Off-white Non-fibrous Bound			5%	Silicates	
5B Layer 1 B39346	Flashing Caulk	Homogeneous			95%	Binder	None Detected
		Off-white Non-fibrous Bound			5%	Silicates	
Layer 2 B39346	Flashing Caulk	Homogeneous	2%	Cellulose	80%	Tar	None Detected
		Black Non-fibrous Bound			3%	Silicates	
5C Layer 1 B39347	Flashing Caulk	Homogeneous			95%	Binder	None Detected
		Off-white Non-fibrous Bound			5%	Silicates	

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 B39347	Flashing Caulk	Homogeneous Black Non-fibrous Bound	2%	Cellulose	80%	Tar 3% Silicates 15% Binder	None Detected
6A B39348	Roofing Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
6B B39349	Roofing Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
6C B39350	Roofing Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
7A B39351	Asphalt Roof Shingle	Heterogeneous Black,Gray Fibrous Bound	45%	Fiberglass	15%	Gravel 40% Tar	None Detected
7B B39352	Asphalt Roof Shingle	Heterogeneous Black,Gray Fibrous Bound	45%	Fiberglass	15%	Gravel 40% Tar	None Detected
7C B39353	Asphalt Roof Shingle	Heterogeneous Black,Gray Fibrous Bound	45%	Fiberglass	15%	Gravel 40% Tar	None Detected

ASBESTOS BULK ANALYSIS

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Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
8A B39354	Rolled Asphalt Sheeting	Heterogeneous Black,Gray Fibrous Bound	40%	Synthetic Fiber	15%	Gravel	None Detected
			5%	Cellulose	40%	Tar	
8B B39355	Rolled Asphalt Sheeting	Heterogeneous Black,Gray Fibrous Bound	40%	Synthetic Fiber	15%	Gravel	None Detected
			5%	Cellulose	40%	Tar	
8C B39356	Rolled Asphalt Sheeting	Heterogeneous Black,Gray Fibrous Bound	40%	Synthetic Fiber	15%	Gravel	None Detected
			5%	Cellulose	40%	Tar	
9A B39357	Counter Caulk	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
9B B39358	Counter Caulk	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
9C B39359	Counter Caulk	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
10A B39360	Vibration Dampener	Heterogeneous Black,White Fibrous Bound	65%	Fiberglass	35%	Binder	None Detected
			<1%	Cellulose			



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ASBESTOS BULK ANALYSIS

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Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
10B B39361	Vibration Dampener	Heterogeneous Black,White Fibrous Bound	65% <1%	Fiberglass Cellulose	35%	Binder	None Detected
10C B39362	Vibration Dampener	Heterogeneous Black,White Fibrous Bound	65% <1%	Fiberglass Cellulose	35%	Binder	None Detected
11A B39363	Exterior Window Caulk	Homogeneous Black Non-fibrous Bound			97%	Binder	3% Chrysotile
11B B39364	Sample Not Analyzed per COC						
11C B39365	Sample Not Analyzed per COC						
12A B39366	Interior Window Caulk	Heterogeneous White Non-fibrous Bound			10% 5% 85%	Paint Silicates Binder	None Detected
12B B39367	Interior Window Caulk	Heterogeneous White Non-fibrous Bound			10% 5% 85%	Paint Silicates Binder	None Detected
12C B39368	Interior Window Caulk	Heterogeneous White Non-fibrous Bound			10% 5% 85%	Paint Silicates Binder	None Detected



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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
13A B39369	Exterior Door Caulk	Heterogeneous Green,White Non-fibrous Bound	<1%	Cellulose	15% 85%	Paint Binder	None Detected
13B B39370	Exterior Door Caulk	Heterogeneous Green,White Non-fibrous Bound	<1%	Cellulose	15% 85%	Paint Binder	None Detected
13C B39371	Exterior Door Caulk	Heterogeneous Green,White Non-fibrous Bound	<1%	Cellulose	15% 85%	Paint Binder	None Detected
14A B39372A	Vinyl Stair Tread	Homogeneous Black Non-fibrous Tightly Bound			100%	Vinyl	None Detected
B39372B	Glue	Homogeneous Cream Non-fibrous Bound			100%	Mastic	None Detected
14B B39373A	Vinyl Stair Tread	Homogeneous Black Non-fibrous Tightly Bound			100%	Vinyl	None Detected
B39373B	Glue	Homogeneous Cream Non-fibrous Bound			100%	Mastic	None Detected

ASBESTOS BULK ANALYSIS

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Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
14C B39374A	Vinyl Stair Tread	Homogeneous Black Non-fibrous Tightly Bound	100%	Vinyl			None Detected
B39374B	Glue	Homogeneous Cream Non-fibrous Bound	100%	Mastic			None Detected
15A B39375	Sink Insulation Undercoat	Homogeneous White Fibrous Bound	25%	Cellulose	75%	Binder	None Detected
15B B39376	Sink Insulation Undercoat	Homogeneous White Fibrous Bound	25%	Cellulose	75%	Binder	None Detected
15C B39377	Sink Insulation Undercoat	Homogeneous White Fibrous Bound	25%	Cellulose	75%	Binder	None Detected
16A B39378	9x9 Square Pattern Linoleum	Heterogeneous Beige Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
16B B39379	9x9 Square Pattern Linoleum	Heterogeneous Beige Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
16C B39380A	9x9 Square Pattern Linoleum	Heterogeneous Beige Fibrous Bound	25%	Cellulose	50%	Vinyl 25% Binder	None Detected
B39380B	Mastic	Homogeneous Gray,Brown Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
17A B39381A	Small Brick Pattern Linoleum	Heterogeneous Beige,White Fibrous Bound	5%	Fiberglass	50%	Vinyl 45% Foam	None Detected
B39381B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
B39381C	Big Brick Pattern Linoleum	Heterogeneous Beige,White Fibrous Bound	5%	Fiberglass	50%	Vinyl 45% Foam	None Detected
B39381D	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
17B B39382A	Small Brick Pattern Linoleum	Heterogeneous Beige,White Fibrous Bound	5%	Fiberglass	50%	Vinyl 45% Foam	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
B39382B	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic			None Detected
B39382C	Big Brick Pattern Linoleum	Heterogeneous Beige,White Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected
B39382D	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic			None Detected
17C B39383A	Small Brick Pattern Linoleum	Heterogeneous Beige,White Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected
B39383B	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic			None Detected
B39383C	Big Brick Pattern Linoleum	Heterogeneous Beige,White Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected
18A B39384A	Rectangular Stone Patt. Linoleum	Heterogeneous Stone,Cream Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
B39384B	Mastic	Homogeneous Clear, Tan Non-fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
18B B39385A	Rectangular Stone Patt. Linoleum	Heterogeneous Stone, Cream Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected
B39385B	Mastic	Homogeneous Clear, Tan Non-fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
18C B39386A	Rectangular Stone Patt. Linoleum	Heterogeneous Stone, Cream Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected
B39386B	Mastic	Homogeneous Clear, Tan Non-fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
19A B39387A	12x12 Brick Patt. Vft	Heterogeneous Brick, Gray Non-fibrous Tightly Bound			100%	Vinyl	None Detected
B39387B	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected



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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
19B B39388A	12x12 Brick Patt. Vft	Heterogeneous Brick,Gray Non-fibrous Tightly Bound	100%	Vinyl	None Detected
B39388B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
19C B39389A	12x12 Brick Patt. Vft	Heterogeneous Brick,Gray Non-fibrous Tightly Bound	100%	Vinyl	None Detected
B39389B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
20A B39390A	12x12 White Vft	Heterogeneous White,Black Non-fibrous Tightly Bound	100%	Vinyl	None Detected
B39390B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
20B B39391A	12x12 White Vft	Heterogeneous White,Black Non-fibrous Tightly Bound	100%	Vinyl	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
B39391B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic			None Detected
20C B39392A	12x12 White Vft	Heterogeneous White,Black Non-fibrous Tightly Bound	100%	Vinyl			None Detected
B39392B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic			None Detected
21A B39393A	Wood Look Linoleum Top Layer	Heterogeneous Wood,Cream Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected
B39393B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
21B B39394A	Wood Look Linoleum Top Layer	Heterogeneous Wood,Cream Fibrous Bound	5%	Fiberglass	50%	Vinyl Foam	None Detected
B39394B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected



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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
21C B39395A	Wood Look Linoleum Top Layer	Heterogeneous Wood,Cream Fibrous Bound	5%	Fiberglass	50%	Vinyl	None Detected
					45%	Foam	
B39395B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
22A B39396A	Square Stone Patt. Linoleum 2nd Layer	Heterogeneous Stone Fibrous Bound	20%	Cellulose	50%	Vinyl	None Detected
			5%	Fiberglass	25%	Binder	
B39396B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
22B B39397A	Square Stone Patt. Linoleum 2nd Layer	Heterogeneous Stone Fibrous Bound	20%	Cellulose	50%	Vinyl	None Detected
			5%	Fiberglass	25%	Binder	
B39397B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
22C B39398A	Square Stone Patt. Linoleum 2nd Layer	Heterogeneous Stone Fibrous Bound	20%	Cellulose	50%	Vinyl	None Detected
			5%	Fiberglass	25%	Binder	



CEI

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B212749v2
Date Received: 02-24-21
Date Analyzed: 03-01-21
Date Reported: 03-01-21

Project: 21-1040B, 4785 Towne Square Blvd

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
B39398B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% Mastic	None Detected

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.*

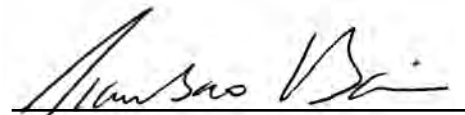
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation 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: _____


Jessica Frampton

APPROVED BY: _____


Tianbao Bai, Ph.D., CIH
Laboratory Director



Chain of Custody

One Source Environmental, LLC (OSE)
 3717 Latrobe Dr #760
 Charlotte NC 28211

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

B212744
 B39321-
 Page: 1 of 4 B39398
 (78)

704-376-3594 O, 704-376-3593 F.

OSE Project Number: 21-1040 B

Date(s) Samples Taken: 2/17/21 - 2/20/21

Project Name: 4785 Towne Square Blvd Address: 4785 Towne Square Blvd
Suitland MD 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 ***
1A	S	plaster	unit #11	G	N-F
1B			unit #8		
1C			unit #7		
1D			unit #6		
1E			unit #5		
1F			unit #12		
1G			unit #10		
2A	S	thick textured ceiling	unit #10 Living room		
2B					
2C					
2D			unit #10 BED room		
2E				euromins	
2F					
2G				JB 2/17/21	11:20
3A	S	thin textured ceiling	unit #11 Living room		
3B					
3C			unit #12 living room		
3D				EUROFINS CEI, INC SAMPLES ACCEPTED	
3E					
3F			unit #9 Living room		
3G					

*Material Type:
 S - Surfacing
 TSI - Thermal System Insulation
 M - Miscellaneous

**Condition
 G - Good
 D - Damaged
 SD - Significantly Damaged

***Friability:
 F - Friable
 NF - Non-friable

Inspector(Print): DHARAM KISSOONDAHN Signature: [Signature] Date: 2/22/21

Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable ***
4A	M	Prywall behind plaster	unit #10 Kitchen	D	F
4B	↓	↓ ↓	unit # 11 ↓	G	N-F
4C	↓	↓ ↓	unit #12 ↓	↓	↓
5A	M	Flashing caulk	ROOF	G	N-F
5B	↓	↓ ↓	↓	↓	↓
5C	↓	↓ ↓	↓	↓	↓
6A	M	Roofing Paper	Small roof rear of Building	↓	↓
6B	↓	↓ ↓	↓ ↓	↓	↓
6C	↓	↓ ↓	↓ ↓	↓	↓
7A	M	asphalt roof shingle	Small roof rear of Building	↓	↓
7B	↓	↓ ↓	↓ ↓	↓	↓
7C	↓	↓ ↓	↓ ↓	↓	↓
8A	M	rolled asphalt sheeting	ROOF	↓	↓
8B	↓	↓ ↓	↓	↓	↓
8C	↓	↓ ↓	↓	↓	↓
9A	M	counter caulk	unit #11 Kitchen	↓	↓
9B	↓	↓ ↓	unit #12 Kitchen	↓	↓
9C	↓	↓ ↓	unit # 9 Kitchen	↓	↓
10A	M	vibration damper	unit # 12 Kitchen	↓	↓
10B	↓	↓ ↓	unit #11 ↓	↓	↓
10C	↓	↓ ↓	unit #10 ↓	↓	↓
11A	M	Exterior window caulk	Exterior Front	↓	↓
11B	↓	↓ ↓	↓ SIDE	↓	↓
11C	↓	↓ ↓	↓ Rear	↓	↓
12A	M	Interior window caulk	unit #11 Living room	↓	↓
12B	↓	↓ ↓	unit #7 Living room	↓	↓

***Material Type:**

- S - Surfacing
- TSI - Thermal System Insulation
- M - Miscellaneous

****Condition**

- G - Good
- D - Damaged
- SD - Significantly Damaged

*****Friability:**

- F - Friable
- NF - Non-friable

Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable ***
12C	M	Interior Window caulk	unit #10 Living room	G	N-F
13A	M	Exterior Door caulk	Front entry		
13B					
13C			rear entry		
14A	M	Vinyl stair tread + glue	Hall - stairs		
14B					
14C					
15A	M	white sink insulation undercut	unit #12 Kitchen		
15B			unit #10		
15C			unit #9		
16A	M	9x9 Beige Square patt. Linoleum	unit #12 dining room		
16B			Living room		
16C					
17A	M	Small + Big Brick pattern linoleum	unit #8 dining room		
17B			Kitchen		
17C					
18A	M	rectangle stone patt. Linoleum	unit #9 Bath		
18B			Dining Room		
18C			Kitchen		
19A	M	12x12 Brick patt. V.F.T	unit #10 Kitchen top layer		
19B					
19C					
20A	M	12x12 white V.F.T	unit #10 Kitchen 2nd layer		
20B					
20C					
21A	M	wood look linoleum top layer	unit #11 Dining room		

***Material Type:**

- S - Surfacing
- TSI - Thermal System Insulation
- M - Miscellaneous

****Condition**

- G - Good
- D - Damaged
- SD - Significantly Damaged

*****Friability:**

- F - Friable
- NF - Non-friable

Inspector(Print): DHARAM KISSOONPATH

Signature: [Handwritten Signature]

Date: 2/22/21



APPENDIX B

PHOTOGRAPHS

Photographs

Project No.: 21-1040B-ACM

Project Name: 4785 Towne Square Blvd – Suitland, MD



Photo #1: Front of Site



Photo #2: Site Address



Photo #3: Typical Plaster Walls – 2 Layers Throughout Building
Sample Set #1 – Non-ACMs

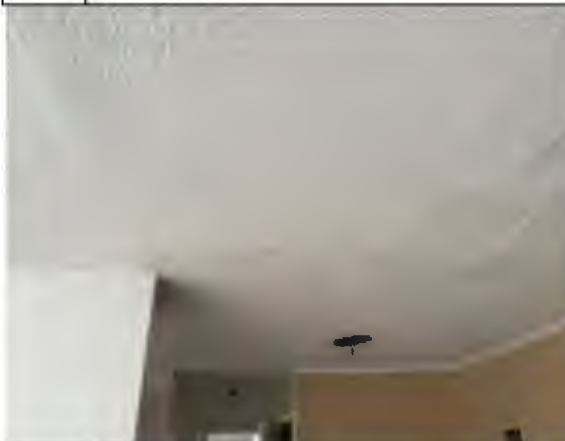


Photo #4: Typical Thin Textured Ceiling
Sporadic Locations Throughout
Sample Set #3 – Non-ACM



Photo #5: Wood Look Alike Linoleum
Unit 11
Sample Set #21 – Non-



Photo #6: Typical Unit
No Sink Undercoating/Insulation

Photographs

Project No.: 21-1040B-ACM

Project Name: 4785 Towne Square Blvd – Suitland, MD



Photo #7:	Typical Interior Window Caulk Throughout Building Sample Set #12 – Non-ACM
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Photo #8:	Square Stone Pattern Linoleum Unit 11 – 2 nd Layer Sample Set #22 – Non-ACM
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Photo #9:	Typical Drywall Behind Plaster Throughout Building Sample Set #4 – Non-ACMs
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Photo #10:	9" Beige Stone Pattern Linoleum & Mastic Unit 12 Sample Set #16 – Non-ACMs
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Photo #11:	Typical Vibration Damper Kitchens Sample Set #10 – Non-ACMs
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Photo #12:	White Sink Undercoat/Insulation Sporadic Locations Sample Set #15 – Non-ACM
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Photographs

Project No.: 21-1040B-ACM

Project Name: 4785 Towne Square Blvd – Suitland, MD



Photo #13:	Thick Textured Ceiling Unit Ceilings Sample Set 2 – Non-ACM
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Photo #14:	Thick Textured Ceiling Unit Ceilings Sample Set 2 – Non-ACM
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Photo #15:	Small & Big Brick Pattern Linoleum & Mastic Unit 8 Sample Set #17 – Non-ACMs
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Photo #16:	Typical Counter Caulk Kitchens Sample Set #9 – Non-ACM
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Photo #17:	12" Brick Pattern Floor Tile, 12x12 White Floor Tile & Mastics – Unit 10 Kitchen Sample Sets #19 & 20 – Non-ACMs
------------	--



Photo #18:	Typical Drywall Behind Plaster Throughout Building Sample Set #4 – Non-ACM
------------	--

Photographs

Project No.: 21-1040B-ACM

Project Name: 4785 Towne Square Blvd – Suitland, MD



Photo #19: Asphalt Roof Shingles & Paper
Rear Small Roof
Sample Sets #6& #7 – Non-ACMs



Photo #20: Rectangle Stone Pattern Linoleum & Mastic
Unit 9
Sample Set #18 – Non-ACMs



Photo #21: Vinyl Stair Tread and Glue
Hallway Stairs
Sample Set #14 – Non-ACMs



Photo #22: Roof Flashing Caulk
Main Roof
Sample Set #5 Non-ACM



Photo #23: Rolled Asphalt Sheeting
Main Roof
Sample Set #8 – Non-ACM



Photo #24: Typical Exterior Window Caulk
Throughout Property
Sample Set #11 – 3% Chrysotile Asbestos

Photographs

Project No.: 21-1040B-ACM

Project Name: 4785 Towne Square Blvd – Suitland, MD



Photo	Exterior Door Caulk
#25:	Sample Set #13 – 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

Course Date

12/17/2020

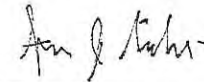
Exam Date

12/17/2021

Expiration Date

STEVE SIERACKI

Principal Instructor



AIR12212020-6

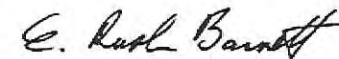
Certification No.

VAAIR12212020-6

Virginia Certification No.

E. Rush Barnett

Course Director



1331 Ashton Road

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Hanover, MD 21076

P: 410-684-3327

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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



Dana S. Haman
For the National Voluntary Laboratory Accreditation Program



APPENDIX D

SAMPLE LOCATION DIAGRAMS

JOB #: 21-1040 B-ACM

Property Diagram

Inspector's Name: DHARAM KISSOONDATH Accreditation #: AIR12212020-6

Property Address: 4785 TOWNE SQUARE BLVD Unit/appt # LAYOUT

City: SUITLAND State: MD Zip: 20746

Instructions:

1. Draw a diagram of the property
2. Number each room. Include hallways, porches, exterior structures and any other significant features and/or structures.

