

Asbestos Inspection

Suitland Shopping Center
4622 and 4626 Suitland Road
Suitland, MD 20746

ON SITE DATE: MARCH 2ND, 2017

REPORT DATE: MARCH 10TH, 2017



Prepared For:

Prince Georges County - Redevelopment Authority
9200 Basil Court - Suite 504
Largo, MD 20774

Attention:
Ms. Patricia Omondi

Prepared By:

William Ciancaglini
Chief Financial Officer/Project Manager
One Source Environmental, LLC
29485 Whalen Road
Charlotte Hall, MD 20622

OSE Project #134-004B ACM

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1. Certification

One Source Environmental, LLC (OSE) has completed an asbestos inspection of 4622 and 4626 Suitland Road Suitland, MD 20746. The inspection was performed at the Client's request using the methods and procedures consistent with good commercial and customary practice designed to conform to applicable industry standards, regulations and guidelines as follows:

- 1) The National Emissions Standard for Hazardous Air Pollutants (NESHAP)
- 2) Occupational Safety and Health Administration (OSHA) Regulations and Guidelines
- 3) Environmental Protection Agency (EPA) Regulations and Guidelines
- 4) The Asbestos Hazard Emergency Response Act (AHERA)
- 5) The Asbestos School Hazard Reauthorization Act (ASHARA)
- 6) Maryland Department of the Environment (MDE) Regulations

The independent conclusions represent our professional judgment based on information and data available to us during the course of this project. Factual information regarding operations, conditions, and test data provided by the Client or their representative has been assumed to be correct and complete. The conclusions presented are based on the data provided, observations, and conditions that existed on the dates of the on-site activities.

If you have any questions regarding this report, please contact William Ciancaglini at (240) 286-2601.

Prepared by:



William Ciancaglini
Chief Financial Officer/Project Manager
One Source Environmental, LLC
billciancaglini@onesourceenvironmental.com

2. Executive Summary

OSE conducted on-site Asbestos Inspection of the Project Site on March 2nd, 2017. The inspection consisted of a walk-through observation of the accessible areas and discussion with facility personnel. The Asbestos Inspection work was performed prior to planned demolition activities at the site. On-site activities were performed by William Ciancaglini and Dharam Kissoondath, who are MDE and AHERA certified Asbestos Inspectors – See Appendix D for copies of relevant certifications.

The following is a summary of findings and recommendations:

- **There was no friable (can be reduced to powder by hand pressure when dry) Asbestos Containing Materials (ACMs) identified in the Spaces.**
- **Non-friable ACM was identified at the site in the form of 12”x12” Vinyl Flooring Tile and Associated Black Mastic throughout the first floor of 4622 and Exterior Front Window and Door Caulk.**
- Any ACM that may be rendered friable during demolition activities should be removed by an MDE accredited Asbestos Abatement Contractor using MDE accredited personnel prior to performing such activities. Any abatement work should be overseen by a reputable and qualified Asbestos Project Monitor. Work Plans/Specifications for the work to be performed should be prepared by an AHERA and MDE certified Asbestos Project Designer.

Note: MDE may allow for the demolition of buildings with non-friable materials like window and door caulking and flooring mastic if the demolition will not render them friable or create visible emissions. In order to demolish a Building with ACM the demolition contractor must provide means and methods that will not create visible emissions. A variance from MDE will be required. These variances are issued on a case by case basis.

3. Inspection Scope and Sampling Results

The inspection was conducted at the request of the Client for the purpose of identifying ACM throughout the Project site prior to planned demolition. The spaces were vacant at the time of the inspection.

3.1 Limitations to the ACM Inspection

Specific areas to which access was limited by site conditions included the following:

- Areas enclosed by fixed wall and ceiling systems were restricted to very limited visual access. Fixed wall and ceiling systems included plaster, drywall and joint compound installed throughout the property. Spot checking and limited destructive means were used.
- Polarized Light Microscopy (PLM) is the most commonly accepted and regulatory method for identifying asbestos in building materials, PLM is also known to have resolution limitations and may not detect small fibers bound in a matrix. Certain organically bound materials may have asbestos fibers beyond the resolution detection of PLM.

3.2 Inspection and Sample Collection Procedures

Samples of suspect ACM were taken in accordance with US Environmental Protection Agency (EPA) protocol, and were collected by William Ciancaglini or Dharam Kissoondath who are MDE and EPA AHERA certified Asbestos Inspectors.

All samples were transported for analysis to SanAir Technologies Laboratory located in Powhatan, VA; the laboratory successfully participates in the National Voluntary Laboratory Accreditation Program (NVLAP). See Appendix D for copies of applicable accreditations. Rigorous chain-of-custody guidelines were followed to ensure proper handling and delivery of the samples. Polarized Light Microscopy (PLM) techniques were used to analyze the samples.

The samples were analyzed for asbestos by polarized light microscopy (PLM) in accordance with the “EPA Method for the Determination of Asbestos in Bulk Building Materials”. Analysis was performed by using the bulk sample for visual observation and slide preparation, and for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, actinolite/tremolite), and fibrous non-asbestos constituents (mineral wool, fiberglass, cellulose, etc.). Asbestos was identified by refractive indices, morphology, color, and signs of elongation. The same characteristics were used to identify the non-asbestos constituents. 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, using a stereoscope.

During the inspection, accessibility, location, and friability of each accessible suspect material was recorded.

3.3 Summary of Asbestos Containing Materials

Materials containing greater than 1% asbestos are classified as ACMs by both the US EPA and MDE. A total of sixty-eight (68) samples were collected and analyzed during the project. Seven (7) samples were classified as ACMs. The ACMs identified at the property are summarized in the following table:

Table Abbreviation Key:

Material Type:

S – Surfacing
 TSI – Thermal System Insulation
 M – Miscellaneous

Condition:

G – Good
 D – Damaged
 SD – Significantly Damaged

Friability:

F – Friable
 NF – Non-friable

Quantity:

SF – Square Feet
 LF – Linear Feet
 NAD = No Asbestos detected

Summary of ACM’s – 4622 and 4626 Suitland Road:

Sample Number(s)	Mat. Type	Material Description	Location	Friable	Approx. Quantity	% Asbestos	Condition
5A	M	9"x9" White Floor Tile	Basement Area	NF	10 SF	5% Chrysotile	D
6A	M	Floor Tile Associated Mastic	Basement Area	NF	300 SF	2% Chrysotile	G
7A, 8A	M	12"x12" White Floor Tile and Associated Mastic	4622 Main Area	NF	1,200 SF	2-5% Chrysotile	G
26A, 29A	M	Window Caulk	Exterior Front	NF	180 LF	3-4% Chrysotile	G
27A	M	Door Caulk	Exterior Front	NF	48 LF	3% Chrysotile	G

General Note: Quantities are general approximations based on observed conditions in accessible areas. Any quantities should be confirmed and investigated further prior to bidding on or performing work.

The following items were sampled during this inspection pursuant to AHERA protocols and **were found to have No Asbestos Detected (NAD)**:

Plaster Skim and Base Coat Wall and Ceiling Systems Throughout Spaces	Drywall/Joint Compound/Tape Wall and Ceiling Systems Throughout Spaces	12" x12" Vinyl Flooring and Mastic 4626 Main Area
Exterior Roofing Materials	Door Caulks Rear of Building	Interior Roofing Paper 4622
4622 Interior Window Caulking	Various Ceiling Tiles Throughout Spaces	Cove Base Moldings and Mastics Throughout Spaces

Laboratory Analysis Report and Chain of Custody Forms for this inspection are enclosed as Appendix A.

Photographs are enclosed as Appendix B.

Drawings showing locations of ACM are enclosed as Appendix C.

4. Regulatory Discussion

4.1 National Emission Standard for Hazardous Air Pollutants (NESHAP)

The US Environmental Protection Agency (EPA) issued a regulation in the early 1970's known as the National Emission Standard for Hazardous Air Pollutants (NESHAP). Along with other issues, the intent of the regulation was to require the removal of certain potential airborne hazards (including asbestos) prior to renovation or demolition of the buildings that contain them.

The EPA has defined "friable" material as any building material that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure." Friable materials pose the greatest health risk and must be removed by certified abatement personnel prior to performing activities that will disturb them. However, it is the EPA's position that the mere presence of a friable ACM (e.g. pipe insulation) does not pose a health concern as long as the material is in good condition and well maintained.

Certain ACM's are classified as Category I non-friable materials which are specifically defined as asphalt based roofing products, flooring materials, and packing and gasket materials. These are and are allowed to remain in the building during renovation or demolition pursuant to NESHAP provided the forces impacting them will not make them friable; However, States and local regulations sometimes differ on this matter and may have more stringent requirements. MDE determines on a case by case basis.

Other materials, known as Category II materials are other non-friable materials that are deemed more likely than Category I to become friable during renovation or demolition.

There were no ACM's at the site classified as friable materials under NESHAP.

The following ACMs identified at the site are classified as Category I non-friable materials under NESHAP:

- Vinyl Floorings and Mastics

The following ACMs identified at the site are classified as Category II non-friable materials under NESHAP:

- Window and Door Caulking

The NESHAP also established notification requirements for projects. Any demolition must be notified to EPA. Any asbestos projects were more than 160 square feet, 260 linear feet (pipe insulation) or 35 cubic feet of friable ACM's must be notified to EPA under the NESHAP. States and localities also have notification requirements which may be more stringent. The resulting asbestos-contaminated debris must be discarded in a landfill that is EPA-approved for asbestos.

MDE has a 10 Business day notification requirement for projects above NESHAP sizes.

4.2 North American Free Trade Agreement (NAFTA)

Since the passage of NAFTA, Canada and Mexico have challenged and been able to block, through court rulings, the US EPA ban on import of certain ACM's. As a result of these rulings, ACM's are once again available through some building materials suppliers. Roofing, siding and most commonly flooring materials are the most common items available for sale. Building owners should implement a program to ensure that new materials being put into the building are non-ACM. This is best done by requiring bulk sampling data from the manufacturers or collecting such samples prior to installation.

4.3 Occupational Safety and Health Administration (OSHA)

OSHA regulates worker safety in the workplace. Pursuant to OSHA employees who will disturb or repair ACM's in the building are required to have a minimum of 16 hours Asbestos Operations and Maintenance (O&M) Training and be deemed medically fit to wear a respirator in accordance with OSHA's respiratory protection standard. Personnel with these qualifications may remove up to one waste bag of ACM in a shift as part of normal O&M tasks within the building.

Asbestos O&M requiring disturbance can also be performed by AHERA certified Asbestos Abatement Workers or Supervisors. All asbestos abatement must be performed by an MDE accredited Asbestos Abatement Contractor.

OSHA also requires that employees who routinely contact ACM (maintenance and custodial) receive two hours Asbestos Awareness training.

OSHA also makes it the Building owner's responsibility to notify all employees, outside contractor's, and tenants (if applicable) of the presence and location of ACM's within their buildings.

4.4 Asbestos Hazard Emergency Response Act (AHERA) and Asbestos School Hazard Reauthorization Act (ASHARA)

The Federal Government passed AHERA in the 1980's to require that Schools Kindergarten through Grade 12 perform Asbestos inspections of School facilities and develop a Management Plan for them. ASHARA reauthorized AHERA for Schools and added a requirement that Public and Commercial buildings perform Asbestos Inspections prior to renovation or demolitions of them. ASHARA also stipulated that AHERA trained personnel perform these inspections. AHERA also developed the Model Accreditation Plan outlining training requirements for personnel performing asbestos activities.

5. Conclusions and Recommendations

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6. Appendices

Appendix A - Laboratory Results of Sampling and Chain of Custody Forms

Appendix B - Photographs

Appendix C - Drawings

Appendix D - Certifications and Accreditations

Appendix A

Laboratory Results of Sampling and Chain of Custody Forms

SanAir Technologies Laboratory

Analysis Report

prepared for

One Source Environmental, LLC

Report Date: 3/7/2017
Project Name: 4622-4626 Suitland
Rd Suitland MD
Project #: 134-004B
SanAir ID#: 17007874



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

One Source Environmental, LLC
4 First Street
Annapolis, MD 21401

March 7, 2017

SanAir ID # 17007874
Project Name: 4622-4626 Suitland Rd Suitland MD
Project Number: 134-004B

Dear Bill Ciancaglini,

We at SanAir would like to thank you for the work you recently submitted. The 70 sample(s) were received on Friday, March 03, 2017 via FedEx. The final report(s) is enclosed for the following sample(s): 1A, 1B, 1C, 1D, 1E, 1F, 1G, 2A, 2B, 2C, 3A, 3B, 3C, 4A, 4B, 4C, 5A, 5B, 5C, 6A, 6B, 6C, 7A, 7B, 8A, 8B, 9A, 9B, 10A, 10B, 11A, 11B, 12A, 12B, 13A, 13B, 13C, 14A, 14B, 14C, 15A, 15B, 16A, 16B, 17A, 17B, 18A, 18B, 19A, 19B, 20A, 20B, 21A, 21B, 22A, 22B, 23A, 23B, 24A, 24B, 25A, 25B, 26A, 26B, 27A, 27B, 28A, 28B, 29A, 29B.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

70 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

17007874

FINAL REPORT

Name: One Source Environmental, LLC
Address: 4 First Street
Annapolis, MD 21401

Project Number: 134-004B
P.O. Number:
Project Name: 4622-4626 Suitland Rd Suitland MD

Collected Date: 3/2/2017
Received Date: 3/3/2017 10:15:00 AM
Report Date: 3/7/2017 4:00:02 PM
Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1A / 17007874-001 Plaster 4622 Ceiling, Plaster	Beige Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
1A / 17007874-001 Plaster 4622 Ceiling, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1B / 17007874-002 Plaster 4622 Ceiling, Plaster	Beige Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
1B / 17007874-002 Plaster 4622 Ceiling, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1C / 17007874-003 Plaster 4622 Ceiling, Plaster	Beige Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
1C / 17007874-003 Plaster 4622 Ceiling, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1D / 17007874-004 Plaster 4622 Ceiling, Plaster	Beige Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
1D / 17007874-004 Plaster 4622 Ceiling, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017



SanAir Technologies Laboratory, Inc.

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SanAir ID Number

17007874

FINAL REPORT

Name: One Source Environmental, LLC
Address: 4 First Street
Annapolis, MD 21401

Project Number: 134-004B
P.O. Number:
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Collected Date: 3/2/2017
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Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1E / 17007874-005 Plaster 4626 Ceiling, Plaster	Beige Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected

1E / 17007874-005 Plaster 4626 Ceiling, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
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SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1F / 17007874-006 Plaster 4626 Ceiling, Plaster	Beige Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected

1F / 17007874-006 Plaster 4626 Ceiling, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
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SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1G / 17007874-007 Plaster 4626 Ceiling, Plaster	Beige Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected

1G / 17007874-007 Plaster 4626 Ceiling, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
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SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
2A / 17007874-008 Plaster 4622-4626 Basement	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
2B / 17007874-009 Plaster 4622-4626 Basement	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017



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Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
2C / 17007874-010 Plaster 4622-4626 Basement	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
3A / 17007874-011 Drywall 4622 Wall	White Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
3B / 17007874-012 Drywall 4622 Wall	White Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
3C / 17007874-013 Drywall 4626 Wall	White Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
4A / 17007874-014 Joint Compound 4622 Wall	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
4B / 17007874-015 Joint Compound 4622 Wall	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
4C / 17007874-016 Joint Compound 4626 Wall	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
5A / 17007874-017 9x9 Tile 4622-4626 Basement	White Non-Fibrous Homogeneous		95% Other		5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
5B / 17007874-018 9x9 Tile 4622-4626 Basement					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
5C / 17007874-019 9x9 Tile 4622-4626 Basement					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6A / 17007874-020 Assoc. Mastic 4622-4626 Basement	Black Non-Fibrous Homogeneous		98% Other		2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6B / 17007874-021 Assoc. Mastic 4622-4626 Basement					Not Analyzed

Certification

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6C / 17007874-022 Assoc. Mastic 4622-4626 Basement					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
7A / 17007874-023 12x12 Tile 4622 Main Area	White Non-Fibrous Homogeneous		95% Other		5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
7B / 17007874-024 12x12 Tile 4622 Main Area					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
8A / 17007874-025 Assoc. Mastic 4622 Main Area	Black Non-Fibrous Homogeneous		98% Other		2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
8B / 17007874-026 Assoc. Mastic 4622 Main Area					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
9A / 17007874-027 12x12 Tile 4626 Main Area	Various Non-Fibrous Homogeneous		100% Other		None Detected

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Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
9B / 17007874-028 12x12 Tile 4626 Main Area	Various Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
10A / 17007874-029 Assoc. Mastic 4626 Main Area	Various Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
10B / 17007874-030 Assoc. Mastic 4626 Main Area	Various Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
11A / 17007874-031 12x12 Tile 4626 Main Area	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
11B / 17007874-032 12x12 Tile 4626 Main Area	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
12A / 17007874-033 Assoc. Glue 4626 Main Area	Yellow Non-Fibrous Homogeneous		100%	Other	None Detected

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017



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SanAir ID Number

17007874

FINAL REPORT

Name: One Source Environmental, LLC
Address: 4 First Street
Annapolis, MD 21401

Project Number: 134-004B
P.O. Number:
Project Name: 4622-4626 Suitland Rd Suitland MD

Collected Date: 3/2/2017
Received Date: 3/3/2017 10:15:00 AM
Report Date: 3/7/2017 4:00:02 PM
Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
12B / 17007874-034 Assoc. Glue 4626 Main Area	Yellow Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
13A / 17007874-035 Rolled Roof Roof Of 4622-4626	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
13B / 17007874-036 Rolled Roof Roof Of 4622-4626	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
13C / 17007874-037 Rolled Roof Roof Of 4622-4626	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
14A / 17007874-038 Roof Tar Roof Of 4622-4626	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
14B / 17007874-039 Roof Tar Roof Of 4622-4626	Black Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017



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Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
14C / 17007874-040 Roof Tar Roof Of 4622-4626	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
15A / 17007874-041 Rear Caulk 4622 Rear Door	Grey Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
15B / 17007874-042 Rear Caulk 4622 Rear Door	Grey Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
16A / 17007874-043 Interior Roof Paper 4622 - Interior	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
16B / 17007874-044 Interior Roof Paper 4622 - Interior	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
17A / 17007874-045 Interior Window Caulk 4622 Interior	Grey Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Analyst: 
Analysis Date: 3/7/2017

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Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
17B / 17007874-046 Interior Window Caulk 4622 Interior	Grey Non-Fibrous Homogeneous	100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
18A / 17007874-047 2x4 C.T. 4622 Ceiling	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
18B / 17007874-048 2x4 C.T. 4622 Ceiling	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
19A / 17007874-049 2x4 C.T. 4626 Ceiling	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
19B / 17007874-050 2x4 C.T. 4626 Ceiling	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
20A / 17007874-051 2x4 C.T. 4626 Ceiling	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

Certification

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Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
20B / 17007874-052 2x4 C.T. 4626 Ceiling	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
21A / 17007874-053 1x1 C.T. 4622-4626 Basement	Brown Fibrous Homogeneous	95% Cellulose	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
21B / 17007874-054 1x1 C.T. 4622-4626 Basement	Brown Fibrous Homogeneous	95% Cellulose	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
22A / 17007874-055 4" Cove Base 4626 Main Area	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
22B / 17007874-056 4" Cove Base 4626 Main Area	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
23A / 17007874-057 Assoc. Glue 4626 Main Area	Cream Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
23B / 17007874-058 Assoc. Glue 4626 Main Area	Cream Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
24A / 17007874-059 4" Cove Base 4622 Main Area	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
24B / 17007874-060 4" Cove Base 4622 Main Area	Black Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
25A / 17007874-061 Assoc. Glue 4622 Main Area	Brown Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
25B / 17007874-062 Assoc. Glue 4622 Main Area	Brown Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
26A / 17007874-063 Window Caulk 4626 Exterior Windows	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile	

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017



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Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
26B / 17007874-064 Window Caulk 4626 Exterior Windows					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
27A / 17007874-065 Door Caulk Exterior Front Door	Black Non-Fibrous Homogeneous		97% Other		3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
27B / 17007874-066 Door Caulk Exterior Front Door					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
28A / 17007874-067 Door Caulk Exterior Rear 4626	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
28B / 17007874-068 Door Caulk Exterior Rear 4626	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
29A / 17007874-069 Window Caulk Exterior Front 4622	Black Non-Fibrous Homogeneous		96% Other		4% Chrysotile

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017



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SanAir ID Number

17007874

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Annapolis, MD 21401

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Analyst: Tallert, Jonathan
Toth, Elizabeth
Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
29B / 17007874-070 Window Caulk Exterior Front 4622				Not Analyzed

Certification

Analyst: 
Analysis Date: 3/7/2017

Approved Signatory: 
Date: 3/7/2017 Page 15 of 19

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

17007874

Chain of Custody

One Source Environmental, LLC (OSE) Phone: 240-286-2601
 29485 Whalen Road Fax: 410-573-5068
 Charlotte Hall, MD 20622 Email: billciancaglini@onesourceenvironmental.com

Page: 1 of 3

OSE Project Number: 134-004B Date(s) Samples Taken: 3/2/17
 Project Name: _____ Address: 4622-4626 Suitland Rd
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 ***
1A	S	Plaster	4622 ceiling	D	F
1B					
1C					
1D					
1E			4626 ceiling	G	N.F
1F					
1G					
2A	S	Plaster	4622-4626 Basement	D	F
2B					
2C					
3A	M	DRYWALL	4622 wall	D	F
3B			4622		
3C			4626 wall	D	F
4A		Joint. compound	4622 wall	G	N.F
4B			4622		
4C			4626 wall		
5A	M	9x9 white tile	4622-4626 Basement	D	F
5B					
5C					
6A		assoc. mastic		G	N.F
6B					

*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): DNAEM KISSOONDAFT Signature: [Signature] Date: 3/2/17

CEW

3/3/17

10:15 AM
 Page 17 of 19

17007874

(OSE) Project Number: 134-004 B

Page: 2 of 3

Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable ***
6C	M	assoc. mastic	4622-4626 Basement	G	N.F
7A		12x12 white tile ^{Brown} mottle	4622 main area	↓	↓
7B		↓ ↓	↓ ↓	↓	↓
8A		assoc. mastic	↓ ↓	↓	↓
8B		↓ ↓	↓ ↓	↓	↓
9A		12x12 stone patt. tile	4626 main area	D	F
9B		↓ ↓	↓ ↓	↓	↓
10A		assoc. mastic	↓ ↓	G	N.F
10B		↓ ↓	↓ ↓	↓	↓
11A		12x12 white tile gray mottle	4626 main area	G	↓
11B		↓ ↓	↓ ↓	↓	↓
12A		assoc. glue	↓ ↓	↓	↓
12B		↓ ↓	↓ ↓	↓	↓
13A		ROLLED ROOF	ROOF of 4622-4626	G	↓
13B		↓ ↓	↓ ↓	↓	↓
13C		↓ ↓	↓ ↓	↓	↓
14A		Roof tar	↓ ↓	↓	↓
14B		↓ ↓	↓ ↓	↓	↓
14C		↓ ↓	↓ ↓	↓	↓
15A		Rear gray caulk	4622 Rear Door	↓	↓
15B		↓ ↓	↓ ↓	↓	↓
16A		interior Black roof paper	4622-interior	D	F
16B		↓ ↓	↓ ↓	↓	↓
17A		interior window caulk	4622 interior	G	N.F
17B		↓ ↓	↓ ↓	↓	↓
18A		2x4 pin hole fiss. CT	4622 ceiling	↓	↓

*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): DHARAN KISSORWARA

Signature: 

Date: 3/2/17

Sample Number	Material Type*	Sampled Material	Sample Location	Condition **	Friable ***
18B	M	2x4 pinhole fiss. C.T	4622 ceiling	G	N.F
19A		2x4 pinhole fissure C.T	4626 ceiling		
19B		↓ ↓	↓ ↓		
20A		2x4 pinhole C.T	4626 ceiling		
20B		↓ ↓	↓ ↓		
21A		1x1 gypsum C.T	4622-4626 Basement		
21B		↓ ↓	↓ ↓		
22A		4" Brown cove base	4626 main area		
22B		↓ ↓	↓ ↓		
23A		assoc. glue	↓ ↓		
23B		↓ ↓	↓ ↓		
24A		4" Black cove base	4622 main area		
24B		↓ ↓	↓ ↓		
25A		assoc. glue	↓ ↓		
25B		↓ ↓	↓ ↓		
26A		window caulk	4626 Exterior window		
26B		↓ ↓	↓ ↓		
27A		door caulk	Exterior Front Door		
27B		↓ ↓	↓ ↓		
28A		door caulk	Exterior Rear 4626		
28B		↓ ↓	↓ ↓		
29A		window caulk	Exterior ^{Front} Rear 4622		
29B		↓ ↓	↓ ↓		

*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 KISSOONDA Signature: *Dharam*

Date: 3/2/17

Appendix B

Photographs

PHOTOGRAPHS

Project #: 134-004B ACM

Project Name: 4622 and 4626 Suitland Road – Suitland, MD



Photo #1:	Front of Site
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Photo #2:	2x4 Fiberglass ceiling tile
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Photo #3:	Typical Drywall/Joint Compound Drywall #3 Joint Compound #4 Non-ACM
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Photo #4:	4" Black Cove Base #24 and Glue #25 Non-ACM
-----------	--



Photo #5:	4622 2x4 Pinhole Fissure Ceiling Tile Sample Set #18 Non-ACM
-----------	--



Photo #6:	4622 Interior Window Caulk Sample Set #17 Non-ACM
-----------	--

PHOTOGRAPHS

Project #: 134-004B ACM

Project Name: 4622 and 4626 Suitland Road – Suitland, MD



Photo #7:	Typical Plaster Ceiling Sample Set #1 Non-ACM
-----------	--



Photo #8:	4622 Roof Paper Interior Sample Set #16 Non-ACM
-----------	---

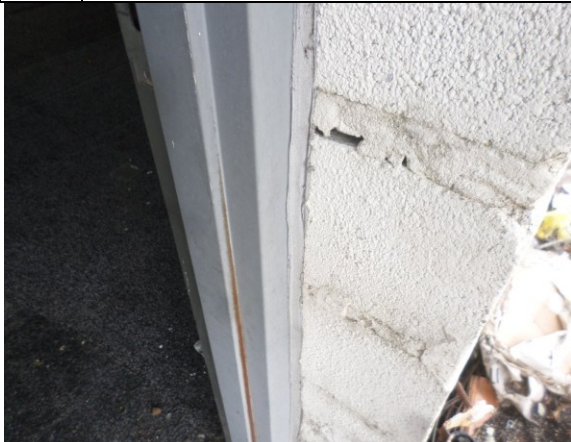


Photo #9:	4622 Rear Gray Door Caulk Sample Set #15 Non-ACM
-----------	--



Photo #10:	Basement Area 1x1 Gypsum Ceiling Tile Sample Set #21 Non-ACM
------------	--



Photo #11:	Basement Area 9x9 White Floor Tile and Mastic #5 and #6 Tile and Mastic ACM
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Photo #12:	4622 12x12 White Tile and Mastic #7 and #8 Tile and Mastic ACM
------------	--

PHOTOGRAPHS

Project #: 134-004B ACM

Project Name: 4622 and 4626 Suitland Road – Suitland, MD



Photo #13:	Plaster Sample Set #2 Non-ACM
------------	----------------------------------



Photo #14:	Basement Area Fiberglass Pipes in Basement
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Photo #15:	4626 retail
------------	-------------



Photo #16:	4626 Main Area 12x12 Stone Pattern Tile & Mastic Sample Sets #9, #10 Non-ACM
------------	--



Photo #17:	4626 Main Area 12x12 White Tile w/Gray Mottle Sample Sets #11, #12 Non-ACM
------------	--



Photo #18:	4626 2x4 Pinhole Fissure Ceiling Tile Sample Set #19 Non-ACM
------------	--

PHOTOGRAPHS

Project #: 134-004B ACM

Project Name: 4622 and 4626 Suitland Road – Suitland, MD



Photo #19:	4626 2x4 Pinhole Ceiling Tile Sample Set #20 Non-ACM
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Photo #20:	4626 Main Area 4" Brown Cove Base and Glue Sample Sets #22, #23 Non-ACM
------------	---



Photo #21:	Exterior Window Caulk Sample Set #26 3% Chrysotile
------------	--



Photo #22:	Rolled Roof, Roof Tar Sample Sets #13, #14 Nn-ACM
------------	--



Photo #23:	4626 Rear Door Caulk Sample Set #28 Non-ACM
------------	---



Photo #24:	Exterior Window Caulk Sample Set #29 4% Chrysotile
------------	--

Appendix C

Drawings

JOB #: 134-004 B

Property Diagram

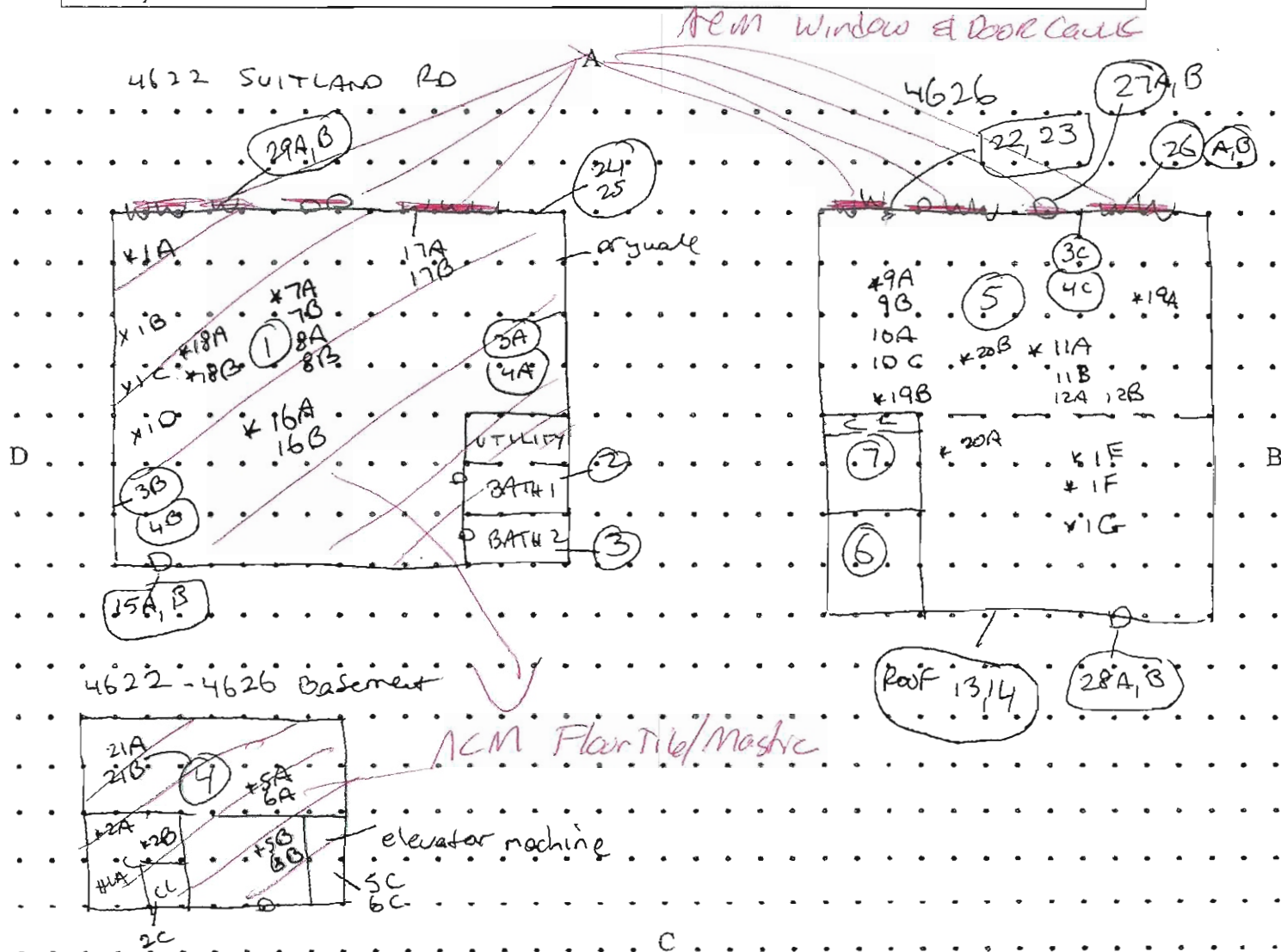
Inspector's Name: DHARAM KISSOONDATH Accreditation #: 7148

Property Address: 4622 - 4626 SUITLAND RD Unit/apartment # _____

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.



Appendix D

Certifications and Accreditations

Asbestos License



MDE

William Ciancaglini
Name

Signature

Inspector/Management Planner Review
Course Title

Course Date: 03/14/2016

Exp Date: 03/14/2017

Exam Date: 04/21/2016



16008201

STATE OF MARYLAND

Aerosol Monitoring & Analysis, Inc.
Training Provider

1331 Ashton Road
Address

Hanover, MD 21076
City, State, Zip

410-684-3327
Phone



Lorraine Anderson
Name of Training Director

For additional information, call MDE (410) 537-3200

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

WILLIAM CIANCAGLINI

*has met the attendance requirements and successfully completed
the course entitled*

1-DAY EPA AHERA INSP/MGMT PLANNER REFRESHER

For Accreditation Under TSCA Title II

03/14/2016

Course Date

03/14/2016

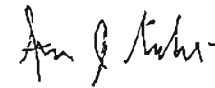
Exam Date

3/14/2017

Expiration Date

STEVE SIERACKI

Principal Instructor



AIMPRO3142016-2

Certification No.

VAAIMPRO3142016-2

Virginia Certification No.

E. Rush Barnett

Course Director



1331 Ashton Road

P.O.Box 646

Hanover, MD 21076

P: 410-684-3327

F: 410-684-3724

www.amatraining.com

Asbestos License



Dharam Kissoondath
Name

Signature

Inspector Review
Course Title



Course Date: 01/17/2017
Exp Date: 01/17/2018
Exam Date: 02/02/2017

17002971

STATE OF MARYLAND

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 AHERA INSPECTOR REFRESHER

For Accreditation Under TSCA Title II

01/17/2017

Course Date

01/17/2017

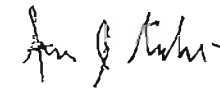
Exam Date

1/17/2018

Expiration Date

STEVE SIERACKI

Principal Instructor



AIR01172017-13

Certification No.

VAAIR01172017-13

Virginia Certification No.

E. Rush Barnett

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 17025:2005

NVLAP LAB CODE: 200870-0

SanAir Technologies Laboratory, Inc.
Powhatan, VA

*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 17025:2005.
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).*

2016-04-01 through 2017-03-31

Effective Dates



A handwritten signature in blue ink that reads 'David F. Alderman'.

For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive
Suite B
Powhatan, VA 23139
Ms. Sandra Sobrino
Phone: 804-897-1177 Fax: 804-897-0070
Email: ssobrino@sanair.com
<http://www.sanair.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200870-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

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

David F. Alderman

For the National Voluntary Laboratory Accreditation Program